

State of New Mexico
Oil Conservation Division

Incident ID	nJMW1305641244
District RP	
Facility ID	
Application ID	

Closure

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 (electronic submittals in .pdf format are preferred) 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.

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

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.

Printed Name: MONTGOMERY FLOYD Title: ENVIRONMENTAL

Signature:  Date: 1-31-23

email: MONTGOMERY.FLOYD@PERMIANRES.COM Telephone: 432-425-8321

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by:  Date: 2/8/2023

Printed Name: Brittany Hall Title: Environmental Specialist



402 E. Wood Avenue
Carlsbad, New Mexico 88220
Tel. 432.701.2159
www.ntgenvironmental.com

January 3, 2023

Mike Bratcher
District Supervisor
Oil Conservation Division, District 2
811 S. First Street
Artesia, New Mexico 88210

**Re: Closure Report
Samantha 31-6 Federal Com #001H
Colgate Operating, L.L.C.
Site Location: M-31-18S-31E
(Lat 32.6994057°, Long -103.9155121°)
Eddy County, New Mexico
Incident ID: nJMW1305641244**

Mr. Bratcher:

On behalf of Colgate Operating, L.L.C. (Colgate), New Tech Global Environmental, LLC (NTGE) has prepared this letter to document site assessment and remedial action activities at the Samantha 31-6 Federal Com #001H location (Site). The Site is located approximately 9.5 miles southeast of Loco Hills, New Mexico in Eddy County (Figures 1 and 2).

Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on January 30, 2013. Approximately 6 barrels (bbls) of crude oil was released of which 0 bbls were recovered. The source of the release is unknown. Upon discovery, the well was shut-in, and the area was secured. The release is shown on Figure 3. The initial C-141 form is attached.

Site Characterization

The Site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, there are no known water sources within a ½ mile radius of the location. The nearest identified well is located 1.48 miles northwest of the Site in Section 31, T18S, R31E. The well was drilled in 1968 and the reported depth to groundwater is 204.60' feet below ground surface (ft bgs). The site characterization information and the associated USGS summary report is attached.

Regulatory Criteria

In accordance with the NMOCD regulatory criteria established in 19.15.29.12 NMAC, the following criteria are applicable to the Site.

- Benzene: 10 milligrams per kilogram (mg/kg).
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg.
- TPH: 100 mg/kg (GRO + DRO + MRO).
- Chloride: 600 mg/kg

Mr. Mike Bratcher
January 3, 2023
Page 2 of 3

Site Assessment

On August 1, 2022, NTGE conducted site assessment activities to assess the horizontal and vertical extent of impacts at the Site. A total of five sample points (S-1 through S-5) were installed within the release area to characterize and vertically delineate the potential impacts. Additionally, six horizontal delineation sample points (H-1 through H-6) were installed to define the horizontal extent of potential impacts. Soil samples were collected in 0.5 to 1 ft depth intervals and collected from soil borings advanced to depths ranging from 0 – 2.5 ft bgs with a geotechnical hand auger. The hand auger was decontaminated with Alconox and deionized water between soil borings to prevent cross-contamination. Sample locations are shown on Figure 3.

Soil samples were placed directly into laboratory provided sample containers, placed on ice, and transported under proper chain-of-custody protocol. Soil samples were collected and analyzed for TPH (EPA method 8015 modified), BTEX (EPA Method 8021B), and chloride (method SM4500Cl-B). Analytical results of the samples are included in Table 1. Laboratory reports containing analytical methods and chain-of-custody documents are attached.

Analytical results of the vertical points identified elevated TPH and BTEX concentrations across the release area, specifically for the areas of S-2 through S-5. Analytical results of the horizontal points H-1 through H-6 were below the regulatory limits for all analytes.

The vertical extent of impacts was not defined at the Site; however, additional delineation efforts were achieved during remedial action activities detailed in this letter.

Remedial Action Activities and Confirmation Sampling

Based on the analytical results, Colgate proceeded with the remedial actions at the Site to include the excavation and disposal of impacted soils above the regulatory limits. The release area was excavated to the depths detailed below and illustrated on Figure 4.

- The area of S-1 was excavated to a depth of 1ft bgs.
- The area of S-2 was excavated to a depth of 2ft bgs.
- The area of S-3 was excavated to a depth of 3.5ft bgs.
- The areas of S-4 and S-5 were excavated to a depth of 3ft bgs.

The soils were field screened during excavation activities to aide in determining final excavation depths. Following excavation activities, a total of 58 composite confirmation samples were collected from the excavation base (i.e., CS-1 through CS-58) and 11 composite confirmation samples were collected from the excavation sidewalls (i.e., SW-1 through SW-11) to ensure impacted soil was removed.

The confirmation samples were collected from areas representing no greater than 200 square ft and analyzed for TPH (EPA method 8015 modified), BTEX (EPA Method 8021B), and chloride (method SM4500Cl-B or 300.0). Analytical results indicated that the following base confirmation samples exhibited TPH concentrations over the regulatory limits and the area would require further excavation.

- CS-3, CS-5, CS-7, CS-8, CS-9, CS-10, CS-18, CS-20, CS-21, CS-22, CS-23, CS-24, CS-25, CS-26, CS-27, CS-28, CS-30, CS-32, CS-34, CS-35, CS-46, CS-47, CS-50, CS-52.

All samples were below NMOCD standards for chlorides, benzene, and total BTEX. The impacted areas listed above were excavated further. Upon completion of excavation, additional confirmation samples were collected in addition to 14 sidewall samples (i.e., SW-12 through SW-25) on

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January 3, 2023
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10/21/2022. The confirmation samples were collected from areas representing no greater than 200 square ft and analyzed for TPH (EPA method 8015 modified), BTEX (EPA Method 8021B), and chloride (method SM4500Cl-B or 300.0). Analytical results indicated CS-21, CS-24, and CS-27 exhibited TPH concentrations over the regulatory limits and the areas would require further excavation.

The impacted areas were excavated further, and additional confirmation samples (i.e., CS-21, CS-24, and CS-27) as well as 10 additional sidewall samples (i.e., SW-26 through SW-35) were collected. The confirmation samples were collected from areas representing no greater than 200 square ft and analyzed for TPH (EPA method 8015 modified), BTEX (EPA Method 8021B), and chloride (method SM4500Cl-B or 300.0). Analytical results were below the regulatory limits for all analytes indicating impacted soils were successfully excavated.

The final excavation extent and confirmation sample locations are shown on Figure 4. Analytical results of the confirmation samples are included in Table 2. The confirmation samples were collected from areas representing no greater than 200 square feet and analyzed for TPH (EPA method 8015 modified), BTEX (EPA Method 8021B), and chloride (method SM4500Cl-B and 300.0). Following receipt of the analytical results the area was backfilled and graded to a near natural state.

Closing

Based on the assessment and subsequent remedial action activities, the Site is compliant with the regulatory limits and no further actions are required at the site. A copy of the final C- 141 and NMOCD sampling notification are attached. Colgate formally request a no further action designation for the Site.

If you have any questions regarding this report or need additional information, please contact us at 432-701-2159.

Sincerely,
NTG Environmental



Ethan Sessums
Project Manager

Attachments:

- Initial And Final C-141
- Site Characterization Information
- Tables
- Figures
- Photographic Log
- Laboratory Reports and Chain-of-Custody Documents

Ethan Sessums

From: Ethan Sessums
Sent: Friday, September 9, 2022 4:21 PM
To: ocd.enviro@state.nm.us
Cc: Jordan Tyner
Subject: Sampling Event

We will be conducting confirmation sampling on behalf of Colgate on September the 13th 2022 around 10 am.
Samantha 31-6 Fed COM 1H (2RP-1566)

Ethan Sessums
Project Manager
NTG Environmental New Mexico
402 E Wood Ave, Carlsbad, NM 88220
M: 254-266-5456 W: 432-701-2159
Email: esessums@ntglobal.com
<http://www.ntgenvironmental.com/>



Ethan Sessums

From: Jordan Tyner
Sent: Wednesday, October 19, 2022 2:03 PM
To: New Mexico OCD
Cc: Ethan Sessums
Subject: Sampling Event

We will be conducting a sampling event on behalf of Colgate on October 21, 2022, around 10am

Samantha 31 6 Federal Com #001H, this sampling event is associated with incident NJMW1305641244

Jordan Tyner
Project Scientist
NTG Environmental New Mexico
402 E Wood Ave, Carlsbad, NM 88220
M: (903) 309-8358 W: (432) 813-0263
Email: jtyner@ntglobal.com
<http://www.ntgenvironmental.com/>



Ethan Sessums

From: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Sent: Monday, November 14, 2022 8:35 AM
To: Ethan Sessums
Cc: Bratcher, Michael, EMNRD; Billings, Bradford, EMNRD
Subject: RE: [EXTERNAL] Sampling Event

CAUTION: This email originated from outside your organization. Exercise caution when opening attachments or clicking links, especially from unknown senders.

Please be aware that notification requirements are **two business days**, per rule. Please proceed on your schedule. Also, please include this, and all correspondence, in the closure report to insure inclusion in the project file.

Jocelyn Harimon • Environmental Specialist
Environmental Bureau
EMNRD - Oil Conservation Division
1220 South St. Francis Drive | Santa Fe, NM 87505
(505)469-2821 | Jocelyn.Harimon@emnrd.nm.gov
[http:// www.emnrd.nm.gov](http://www.emnrd.nm.gov)



From: Ethan Sessums <ESessums@ntglobal.com>
Sent: Sunday, November 13, 2022 4:50 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Tyler Kimball <TKimball@ntglobal.com>
Subject: [EXTERNAL] Sampling Event

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

We will be conducting a sampling event on behalf of Colgate on November 15, 2022, around 10am

Samantha 31 6 Federal Com #001H, this sampling event is associated with incident NJMW1305641244

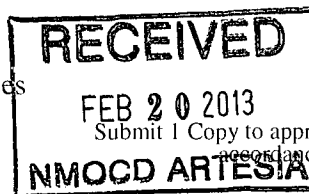
Ethan Sessums
Project Manager
NTG Environmental New Mexico
402 E Wood Ave, Carlsbad, NM 88220
M: 254-266-5456 W: 432-701-2159
Email: esessums@ntglobal.com
<http://www.ntgenvironmental.com/>



C-141 Documentation

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

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



Form C-141
Revised August 8, 2011

Release Notification and Corrective Action

nJM 1305641244

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company OXY Permian 192463	Contact Chris Jones
Address 1502 W. Commerce Drive	Telephone No. 575-449-3337
Facility Name SAMANTHA 31 #6 Fed Com 1 Battery	Facility Type Battery

Surface Owner	Mineral Owner	API No. 3001540050
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LOCATION OF RELEASE

Unit Letter	Section 31	Township 18S	Range 31E	Feet from the	North/South Line	Feet from the	East/West Line	County
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Latitude _____ Longitude _____

NATURE OF RELEASE

Type of Release oil	Volume of Release 6 bbls	Volume Recovered 0 bbls
Source of Release	Date and Hour of Occurrence 1-29-2013	Date and Hour of Discovery 1-30-13
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Mike Bratcher- NMOCD; Jim Amos- BLM	
By Whom? Chris Jones	Date and Hour 2-6-2013 0800am	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

Dump valve on separator did not operate properly and fluid went out the top of the temporary flare stack.

Describe Area Affected and Cleanup Action Taken.*

Pasture area was affected. After lab results are analyzed a work plan will be pitched to the NMOCD and BLM and agreed upon for cleanup procedures.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

Signature: Chris Jones	OIL CONSERVATION DIVISION	
Printed Name: Chris Jones	Approved by Environmental Specialist	Signed By <i>Mike Bratcher</i>
Title: HES Specialist	Approval Date: FEB 25 2013	Expiration Date:
E-mail Address: Christopher_Jones@oxy.com	Conditions of Approval: Remediation per OCD Rule & Guidelines. SUBMIT REMEDIATION	Attached ☐
Date: 2-20-13 Phone: 575-449-3337	PROPOSAL NO LATER THAN: March 25, 2013	

* Attach Additional Sheets If Necessary

2RP-1566

Incident ID	nJMW1305641244
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>204.60'</u> (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☒ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☒ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☒ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☒ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☒ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☒ No
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes ☒ No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: Each of the following items must be included in the report.

- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☒ Field data
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☒ Boring or excavation logs
- ☒ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	nJMW1305641244
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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.

Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

Incident ID	nJMW1305641244
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: *Each of the following items must be included in the plan.*

- ☒ Detailed description of proposed remediation technique
- ☒ Scaled sitemap with GPS coordinates showing delineation points
- ☒ Estimated volume of material to be remediated
- ☒ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☒ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: *Each of the following items must be confirmed as part of any request for deferral of remediation.*

- ☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☐ Extents of contamination must be fully delineated.
- ☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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.

Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: _____ Date: _____

Incident ID	nJMW1305641244
District RP	
Facility ID	
Application ID	

Closure

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 (electronic submittals in .pdf format are preferred) 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.

Closure Report Attachment Checklist: Each of the following items must be included in the closure report.

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

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.

Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

Bratcher, Mike, EMNRD

From: Christopher_Jones@oxy.com
Sent: Wednesday, February 20, 2013 5:58 PM
To: mburton@blm.gov; Bratcher, Mike, EMNRD
Subject: RE: Samantha 31 6 fed Com 1H
Attachments: Samantha 31-6 C-141.doc

Sorry this is tardy.

Chris Jones
HES Specialist
Permian Primary Production
Carlsbad, NM
Cell 575-499-3337
Off 575-628-4121

*"We do not inherit the earth from
our ancestors; we borrow it from
our children." Chief Seattle*

From: Burton, Michael [mailto:mburton@blm.gov]
Sent: Wednesday, February 20, 2013 8:12 AM
To: Jones, Christopher K
Subject: Samantha 31 6 fed Com 1H

Chris,
I inspected the spill area on 02/12/2013. We still need your C-141 for this spill. While I was there I noticed a few other environmental concerns. All secondary and chemical catch basins must be netted. The transfer pump is leaking. There are 5 gallon buckets on the south side of the location leaking fluid. There is conduit and debris on the south side of the location. The LACT and VRU are tan. Are they temporary?
Thanks

Mike Burton
BLM-CFO
Environmental Protection Specialist
575-234-2226 office
575-361-3574 cell
mburton@blm.gov

CONFIDENTIALITY NOTICE: The information in this email may be confidential and/or privileged. If you are not the intended recipient or an authorized representative of the intended recipient, you are hereby notified that any review, dissemination or copying of this email and its attachments, if any, or the information contained herein, is prohibited. If you have received this email in error, please immediately notify the sender by return email and delete this email from your system. Thank you.

SITE CHARACTERIZATION INFORMATION

Colgate Operating, LLC - Samantha 31-6 Fed Com 1H
Sec 31 T18S R31E Unit M
32.6994057, -103.9155121
Eddy County, New Mexico

Site Characterization

-No water features within specified distances of 1/2 mile radius, drilled within 25 years

-Low Karst

-USGS Groundwater is 204.60' below surface, 1.48 miles North-northwest of the site, 1968 Drilled, Section 26, T18S, R31E

RRALs due to insufficient *RECENT* groundwater data

-Chlorides 600 mg/kg

-TPH GRO+DRO+MRO 100 mg/kg

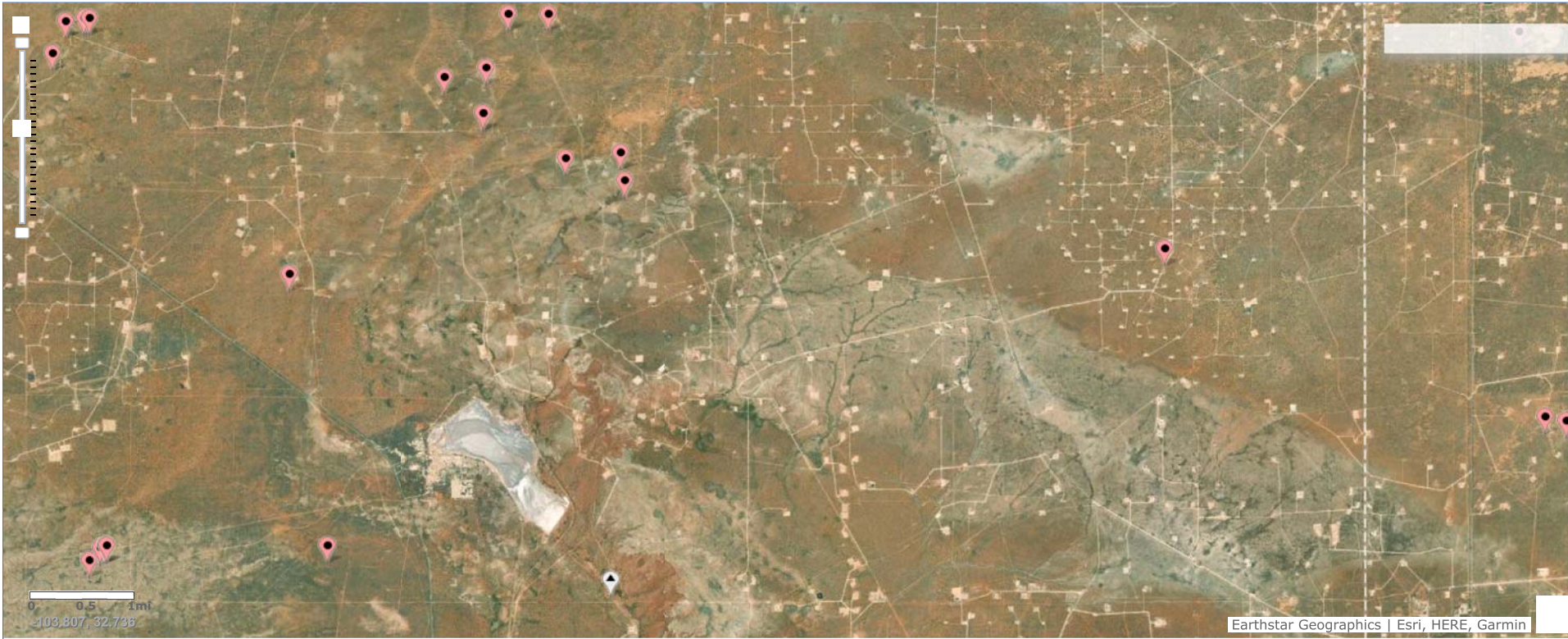
-BTEX 50 mg/kg

-Benzene 10 mg/kg



National Water Information System: Mapper

[Help](#)



Site Information

Low Karst

Colgate Operating, LLC
Eddy County, New Mexico
32.6994057, -103.9155121

Legend

- CRIT
- HIGH
- LOW
- MEDIUM
- Site Location

Samantha 31-6 Fed Com 1H

Google Earth

Image © 2022 Maxar Technologies

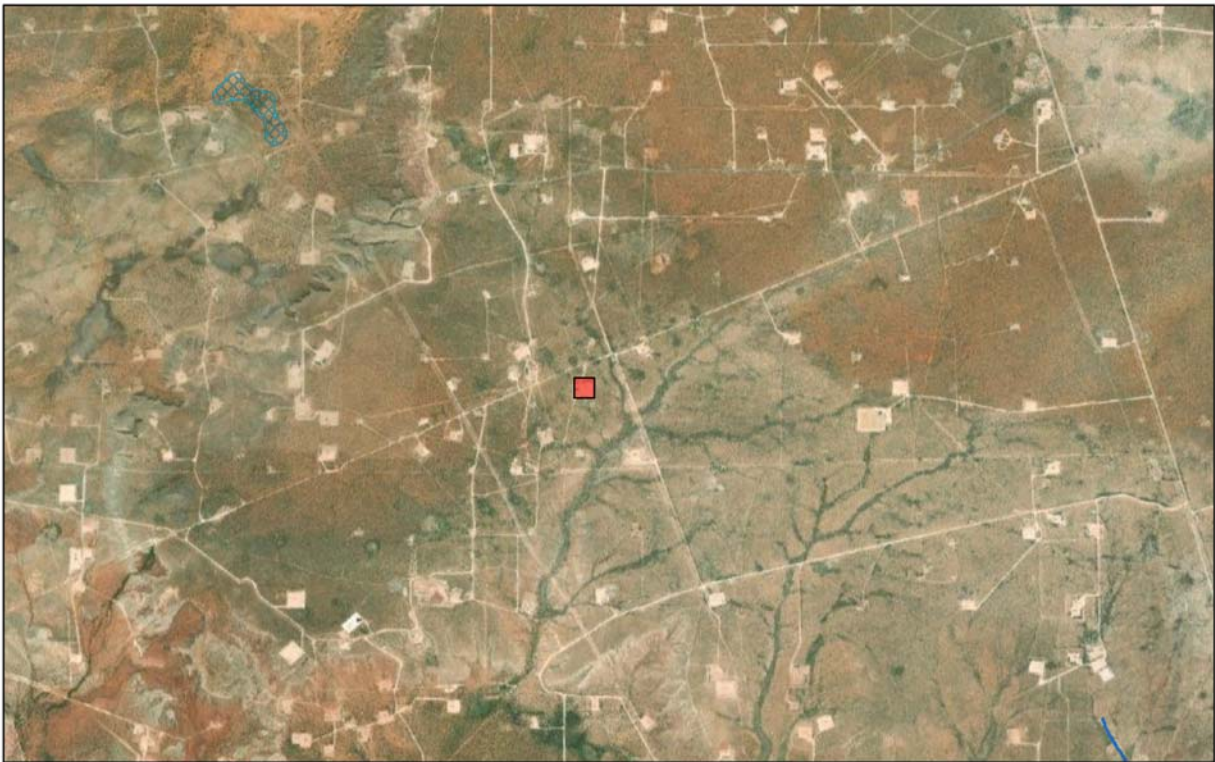
Released to Imaging: 2/8/2023 8:16:37 AM

Image © 2022 CNES / Airbus

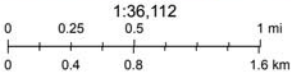
1 mi



New Mexico NFHL Data



October 26, 2022



FEMA, Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community. Source: Esri, Maxar, Earthstar Geographics, and the GIS

nmlflood.org is made possible through a collaboration with NMDHSEM.

This is a non-regulatory product for informational use only. Please consult your local floodplain administrator for further information.

Nearest water well

Colgate Operating, LLC
Eddy County, New Mexico
32.6994057, -103.9155121

- 1.48 Miles NNW
- 1/2 Mile Radius
- USGS Water Well
- Site Location

204.60' - Drilled 1968

Samantha 31-6 Fed Com 1H

Google Earth



USGS Home
Contact USGS
Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category:
Groundwater

Geographic Area:
New Mexico

GO

Click to hideNews Bulletins

- Effective October 24, 2022 hyperlinks to legacy Current Condition pages will automatically redirect users to the corresponding Monitoring Location page. Please see the [Water Data For The Nation Blog](#) for full details, including how to navigate back to the legacy Current Condition page, if desired.
- Explore the NEW [USGS National Water Dashboard](#) interactive map to access real-time water data from over 13,500 stations nationwide.
- [Full News](#) 

Groundwater levels for New Mexico

Click to hide state-specific text

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

Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 324241103561201

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

USGS 324241103561201 18S.30E.26.4140

Eddy County, New Mexico
Latitude 32°42'41", Longitude 103°56'12" NAD27
Land-surface elevation 3,432 feet above NAVD88
The depth of the well is 230 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Chinle Formation (231CHNL) local aquifer.

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measu
1968-03-07			D	62610	3225.86	NGVD29	1		Z	
1968-03-07			D	62611	3227.40	NAVD88	1		Z	
1968-03-07			D	72019	204.60		1		Z	

Explanation

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

Section	Code	Description
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	A	Approved for publication -- Processing and review completed.

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TABLES

**Table 1 - Delineation Soil Samples
Colgate Production, LLC
Samantha 31-6 Federal Com #001H
Eddy County, New Mexico**

Sample ID	Date	Sample Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chlorides (mg/kg)
			DRO	GRO	MRO	Total						
H-1	8/1/2022	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32
H-2	8/1/2022	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-3	8/1/2022	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-4	8/1/2022	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-5	8/1/2022	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48
H-6	8/1/2022	-	19	<10.0	<10.0	19	<0.050	<0.050	<0.050	<0.150	<0.300	272
S-1	8/1/2022	0-1	17.2	<50.0	<50.0	17.2	<0.050	<0.050	<0.050	<0.150	<0.300	48
S-2	8/1/2022	0-1	176	<50.0	66.1	242	<0.050	<0.050	<0.050	<0.150	<0.300	32
S-3	8/1/2022	2-2.5	301	<50.0	119	420	<0.050	<0.050	<0.050	<0.150	<0.300	48
S-4	8/1/2022	1.5-2	14,900	3,120	3,240	21,260	10.4	149	113	232	504	128
S-5	8/1/2022	1.5-2	22,100	3,410	4,550	30,060	1.82	64	73.1	161	300	224
Regulatory Limits ^A						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg
(-) Not Analyzed ^A – Table 1 - 19.15.29 NMAC mg/kg - milligram per kilogram TPH- total petroleum hydrocarbons ft-feet - exceeds regulatory limits												

Table 2 - Confirmation Soil Samples
Colgate Production, LLC
Samantha 31-6 Federal Com #001H
Eddy County, New Mexico

Sample ID	Date	Sample Depth	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX	Chlorides (mg/kg)
			DRO	GRO	MRO	Total						
CS-1	9/13/2022	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	119
CS-2	9/13/2022	-	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	172
CS-3	9/13/2022	-	215	<49.9	<49.9	215	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	206
	10/21/2022	2'	<10	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176.0
CS-4	9/13/2022	-	64.6	<50.0	<50.0	64.6	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	120
CS-5	9/13/2022	-	108	<50.0	<50.0	108	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	203
	10/21/2022	2'	<10	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16
CS-6	9/13/2022	-	87	<50.0	<50.0	86.6	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	221
CS-7	9/13/2022	-	141	<50.0	<50.0	141	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	274
	10/21/2022	2'	<10	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-8	9/13/2022	-	189	<50.0	<50.0	189	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	156
	10/21/2022	2'	<10	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32
CS-9	9/13/2022	-	119	<50.0	<50.0	119	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	187
	10/21/2022	2'	<10	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32
CS-10	9/13/2022	-	103	<49.9	<49.9	103	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	319
	10/21/2022	2'	<10	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32
CS-11	9/13/2022	-	88.0	<49.9	<49.9	88.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	117
CS-12	9/13/2022	-	69.0	<50.0	<50.0	69.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	112
CS-13	9/13/2022	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	166
CS-14	9/13/2022	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	421
CS-15	9/13/2022	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	403
CS-16	9/13/2022	-	95.1	<49.9	<49.9	95.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	207
CS-17	9/13/2022	-	75.9	<50.0	<50.0	75.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	326
CS-18	9/13/2022	-	175	<49.9	<49.9	175	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	184
	10/21/2022	3'	<10	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32
CS-19	9/13/2022	-	86.3	<49.8	<49.8	86.3	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	231
CS-20	9/13/2022	-	154	51.2	<49.9	205	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	362
	10/21/2022	3'	<10	<10	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-21	9/13/2022	-	371	51.2	<49.9	444	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	222
	10/21/2022	3'	176.0	<10	36.6	213	<0.050	<0.050	<0.050	<0.150	<0.300	32
	11/15/2022	4'	<10	<10	<10	<50	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-22	9/13/2022	-	136	<49.9	<49.9	136	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	166
	10/21/2022	3'	17	<10	<10	17	<0.050	<0.050	<0.050	<0.150	<0.300	48
CS-23	9/13/2022	-	370	<49.9	74.7	445	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	49.5
	10/21/2022	3'	<10	<10	<10	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48
CS-24	9/13/2022	-	212	<50.0	<50.0	212	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	303
	10/21/2022	3'	105	<10	37.3	142.3	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
	11/15/2022	4'	<10	<10	<10	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224.0
CS-25	9/13/2022	-	212	<50.0	<50.0	212	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	241
	10/21/2022	3'	<10	<10	<10	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-26	9/13/2022	-	590	<50.0	97.6	688	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	39.5
	10/21/2022	3'	<10	<10	<10	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-27	9/13/2022	-	227	<50.0	<50.0	227	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	85.3
	10/21/2022	3'	259	<10	120	379.0	<0.050	<0.050	<0.050	<0.150	<0.300	32
	11/15/2022	4'	<10	<10	<10	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-28	9/13/2022	-	179	<50.0	<50.0	179	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	76.0
	10/21/2022	3'	<10	<10	<10	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96
CS-29	9/13/2022	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	69.4
CS-30	9/13/2022	-	169	<49.9	<49.9	169	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	54.4
	10/21/2022	3'	<10	<10	<10	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16
CS-31	9/13/2022	-	77.8	<49.9	<49.9	77.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	76.2
Regulatory Limits ^A			100 mg/kg				10 mg/kg				50 mg/kg	600 mg/kg
(-) Not Analyzed												
^A – Table 1 - 19.15.29 NMAC												
mg/kg - milligram per kilogram												
TPH- total petroleum hydrocarbons												
ft-feet												
			- exceeds regulatory limits									

**Table 2 - Confirmation Soil Samples
Colgate Production, LLC
Samantha 31-6 Federal Com #001H
Eddy County, New Mexico**

Sample ID	Date	Sample Depth	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX	Chlorides (mg/kg)
			DRO	GRO	MRO	Total						
CS-32	9/13/2022	-	341	<50.0	56.8	398	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	50.9
	10/21/2022	3'	<10	<10	<10	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32
CS-33	9/13/2022	-	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	125
CS-34	9/13/2022	-	214	<50.0	<50.0	214	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	75.4
	10/21/2022	3'	<10	<10	<10	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96
CS-35	9/13/2022	-	226	<50.0	<50.0	226	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	83.6
	10/21/2022	3'	<10	<10	<10	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-36	9/13/2022	-	51.1	<49.9	<49.9	51.1	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	96.4
CS-37	9/13/2022	-	88	<50.0	<50.0	88.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	49.0
CS-38	9/13/2022	-	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	45.5
CS-39	9/13/2022	-	90.8	<50.0	<50.0	90.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	20.6
CS-40	9/13/2022	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	108
CS-41	9/13/2022	-	89.6	<49.9	<49.9	89.6	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	124
CS-42	9/13/2022	-	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	86.4
CS-43	9/13/2022	-	51.6	<50.0	<50.0	51.6	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	62.6
CS-44	9/13/2022	-	58.5	<49.9	<49.9	58.5	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	79.8
CS-45	9/13/2022	-	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	64.8
CS-46	9/13/2022	-	178	<49.9	<49.9	178	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	84.3
	10/21/2022	4'	15	<10	<10	15	<0.050	<0.050	<0.050	<0.150	<0.300	80
CS-47	9/13/2022	-	170	<50.0	<50.0	170	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	78.2
	10/21/2022	4'	<10	<10	<10	<10	<0.050	<0.050	<0.050	<0.150	<0.300	48
CS-48	9/13/2022	-	55.1	<50.0	<50.0	55.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	56.2
CS-49	9/13/2022	-	88.3	<50.0	<50.0	88.3	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	92.3
CS-50	9/13/2022	-	231	<50.0	<50.0	231	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	121
	10/21/2022	4'	<10	<10	<10	<50	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-51	9/13/2022	-	81.2	<49.9	<49.9	81.2	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	79.1
CS-52	9/13/2022	-	239	<50.0	<50.0	239	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	209
	10/21/2022	4'	<10	<10	<10	<10	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-53	9/13/2022	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	57.6
CS-54	9/13/2022	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	116
CS-55	9/13/2022	-	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	68.6
CS-56	9/13/2022	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	79.5
CS-57	9/13/2022	-	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	72.5
CS-58	9/13/2022	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	56.7
SW-1	9/13/2022	-	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	103
SW-2	9/13/2022	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	568
SW-3	9/13/2022	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	50.9
SW-4	9/13/2022	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	37.7
SW-5	9/13/2022	-	51.1	<50.0	<50.0	51.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	521
SW-6	9/13/2022	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	38.2
SW-7	9/13/2022	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	48.4
SW-8	9/13/2022	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	200
SW-9	9/13/2022	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	36.9
SW-10	9/13/2022	-	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	50.9
SW-11	9/13/2022	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	20.8
SW-12	10/21/2022	-	<10	<10	<10	<10	<0.050	<0.050	<0.050	<0.150	<0.300	80
SW-13	10/21/2022	-	<10	<10	<10	<10	<0.050	<0.050	<0.050	<0.150	<0.300	32
SW-14	10/21/2022	-	<10	<10	<10	<10	<0.050	<0.050	<0.050	<0.150	<0.300	64
SW-15	10/21/2022	-	<10	<10	<10	<10	<0.050	<0.050	<0.050	<0.150	<0.300	64
SW-16	10/21/2022	-	<10	<10	<10	<10	<0.050	<0.050	<0.050	<0.150	<0.300	112
SW-17	10/21/2022	-	19	<10	<10	19	<0.050	<0.050	<0.050	<0.150	<0.300	160
SW-18	10/21/2022	-	<10	<10	<10	<10	<0.050	<0.050	<0.050	<0.150	<0.300	96
Regulatory Limits ^A			100 mg/kg				10 mg/kg				50 mg/kg	600 mg/kg

(-) Not Analyzed

^A - Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- total petroleum hydrocarbons

ft-feet

- exceeds regulatory limits

**Table 2 - Confirmation Soil Samples
Colgate Production, LLC
Samantha 31-6 Federal Com #001H
Eddy County, New Mexico**

Sample ID	Date	Sample Depth	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX	Chlorides (mg/kg)
			DRO	GRO	MRO	Total						
SW-19	10/21/2022	N/A	<10	<10	<10	<50	<0.050	<0.050	<0.050	<0.150	<0.300	48
SW-20	10/21/2022	N/A	<10	<10	<10	<50	<0.050	<0.050	<0.050	<0.150	<0.300	48
SW-21	10/21/2022	N/A	<10	<10	<10	<50	<0.050	<0.050	<0.050	<0.150	<0.300	48
SW-22	10/21/2022	N/A	<10	<10	<10	<50	<0.050	<0.050	<0.050	<0.150	<0.300	64
SW-23	10/21/2022	N/A	<10	<10	<10	<50	<0.050	<0.050	<0.050	<0.150	<0.300	48
SW-24	10/21/2022	N/A	<10	<10	<10	<50	<0.050	<0.050	<0.050	<0.150	<0.300	32
SW-25	10/21/2022	N/A	<10	<10	<10	<50	<0.050	<0.050	<0.050	<0.150	<0.300	80
SW-26	11/15/2022	N/A	<10	<10	<10	<50	<0.050	<0.050	<0.050	<0.150	<0.300	128
SW-27	11/15/2022	N/A	<10	<10	<10	<50	<0.050	<0.050	<0.050	<0.150	<0.300	96
SW-28	11/15/2022	N/A	<10	<10	<10	<50	<0.050	<0.050	<0.050	<0.150	<0.300	128
SW-29	11/15/2022	N/A	<10	<10	<10	<50	<0.050	<0.050	<0.050	<0.150	<0.300	96
SW-30	11/15/2022	N/A	<10	<10	<10	<50	<0.050	<0.050	<0.050	<0.150	<0.300	128
SW-31	11/15/2022	N/A	<10	<10	<10	<50	<0.050	<0.050	<0.050	<0.150	<0.300	160
SW-32	11/15/2022	N/A	<10	<10	<10	<50	<0.050	<0.050	<0.050	<0.150	<0.300	224
SW-33	11/15/2022	N/A	<10	<10	<10	<50	<0.050	<0.050	<0.050	<0.150	<0.300	96
SW-34	11/15/2022	N/A	<10	<10	<10	<50	<0.050	<0.050	<0.050	<0.150	<0.300	96
SW-35	11/15/2022	N/A	<10	<10	<10	<50	<0.050	<0.050	<0.050	<0.150	<0.300	128
Regulatory Limits ^A							100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

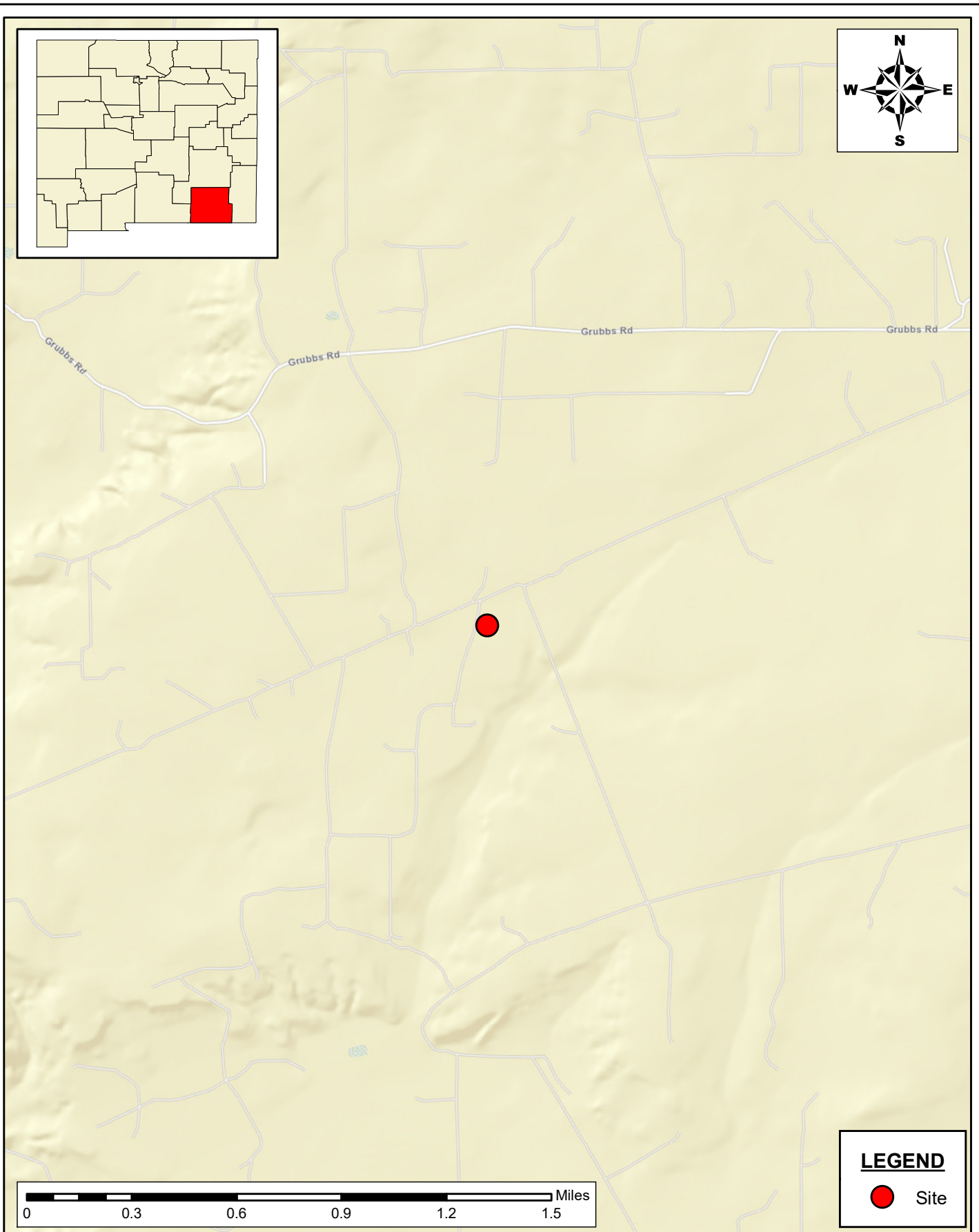
TPH- total petroleum hydrocarbons

ft-feet

- exceeds regulatory limits

FIGURES

Document Path: P:\2022 PROJECTS\COLGATE\RSC\225995 - Samantha 31-6 Fed Com 1H\7- Figures\GIS\225995_Figure_1_SL.mxd



**SITE LOCATION MAP
CLOSURE REPORT**
SAMANTHA 31-6 FED COM 1H
COLGATE ENERGY, LLC
EDDY COUNTY, NEW MEXICO

SCALE: As Shown Date: 8/10/2022 PROJECT #: 225995



New Tech Global Environmental, LLC
911 Regional Park Drive
Houston, Texas 77060
T - 281.872.9300
F - 281.872.4521
Web: www.ntgenviroinmental.com

NOTES:

- 1. Base Image: ESRI Maps & Data 2013
- 2. Map Projection: NAD 1983

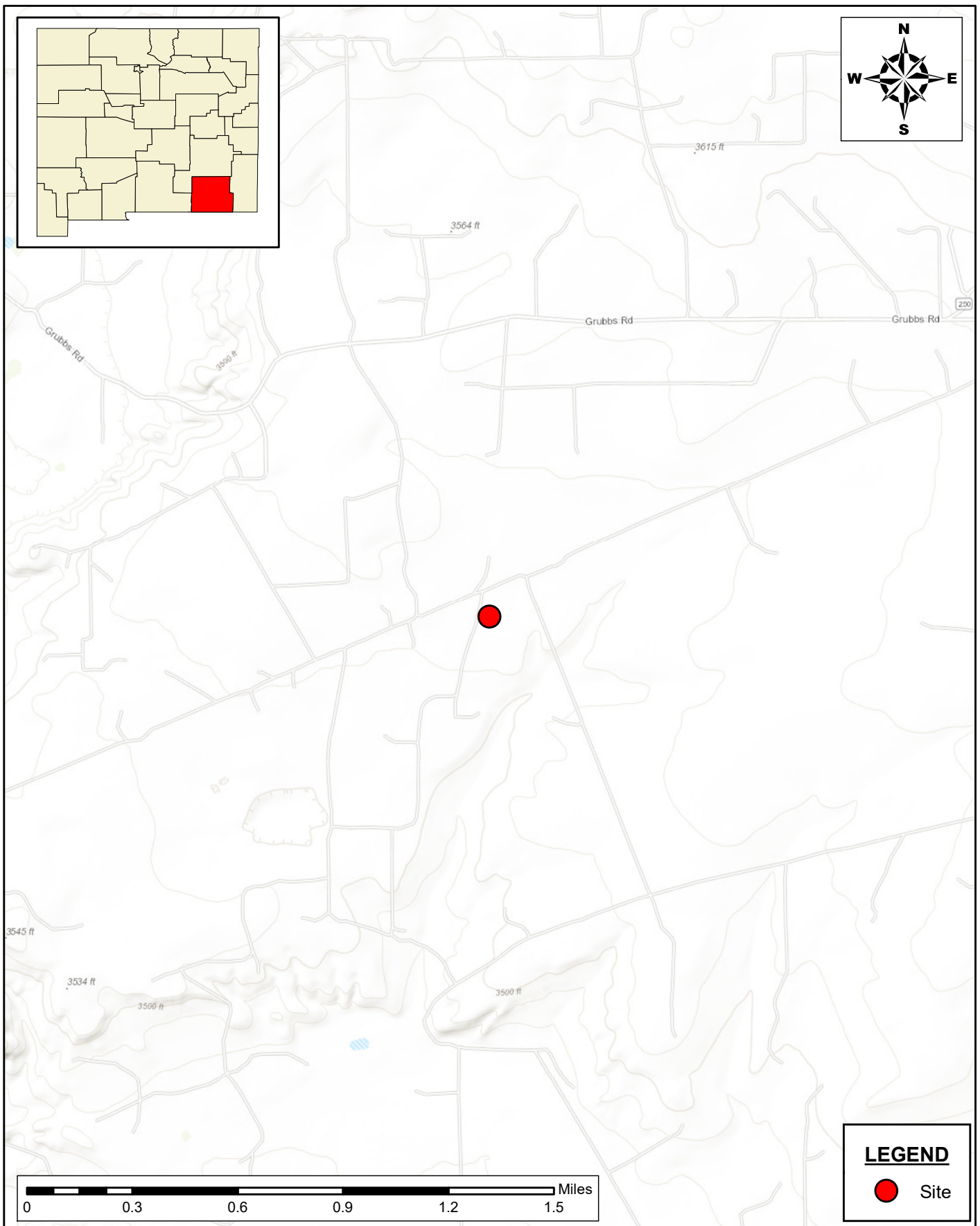
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FIGURE 1

SHEET NUMBER:

1 of 1

Document Path: P:\2022 PROJECTS\COLGATE\RSC\225995 - Samantha 31-6 Fed Com 1H7- Figures\GIS\225995_Figure 2_SL.mxd



**SITE LOCATION MAP
CLOSURE REPORT**
SAMANTHA 31-6 FED COM 1H
COLGATE ENERGY, LLC
EDDY COUNTY, NEW MEXICO

SCALE: As Shown Date: 8/10/2022 PROJECT #: 225995



New Tech Global Environmental, LLC
911 Regional Park Drive
Houston, Texas 77060
T - 281.872.9300
F - 281.872.4521
Web: www.ntgenviroinmental.com

NOTES:

- 1. Base Image: ESRI Maps & Data 2013
- 2. Map Projection: NAD 1983

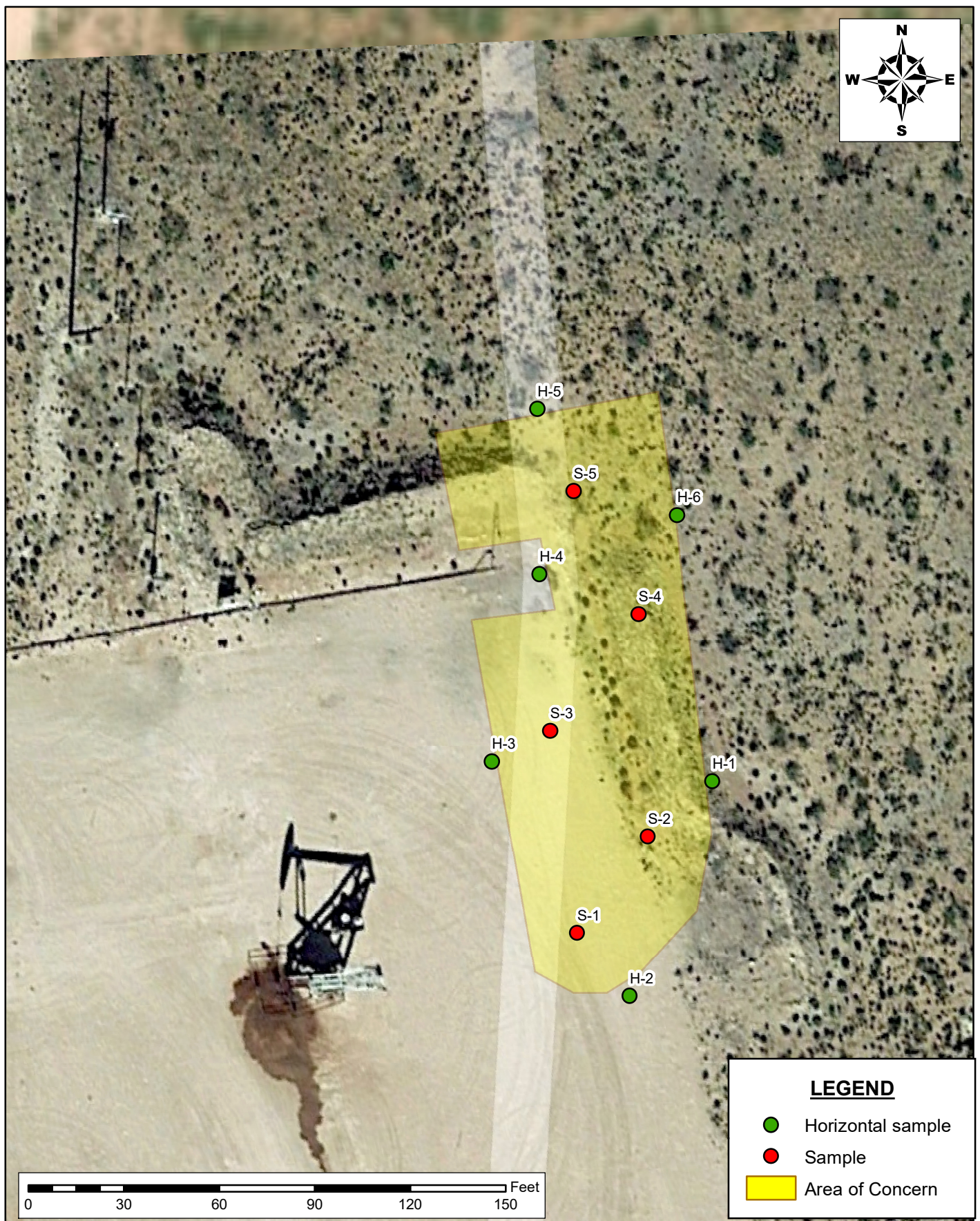
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FIGURE 2

SHEET NUMBER:

1 of 1

Document Path: P:\2022 PROJECTS\COLGATE\IRSC\225995 - Samantha 31-6 Fed Com 1H\7- Figures\GIS\225995_Figure_4_Impact.mxd



SITE ASSESSMENT MAP
SITE ASSESSMENT REPORT
 SAMANTHA 31-6 FED COM 1H
 COLGATE ENERGY, LLC
 EDDY COUNTY, NEW MEXICO

SCALE: As Shown

Date: 1/4/2023

PROJECT #: 225995



New Tech Global Environmental, LLC
 911 Regional Park Drive
 Houston, Texas 77060
 T - 281.872.9300
 F - 281.872.4521
 Web: www.ntgenvironmental.com

NOTES:

1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983

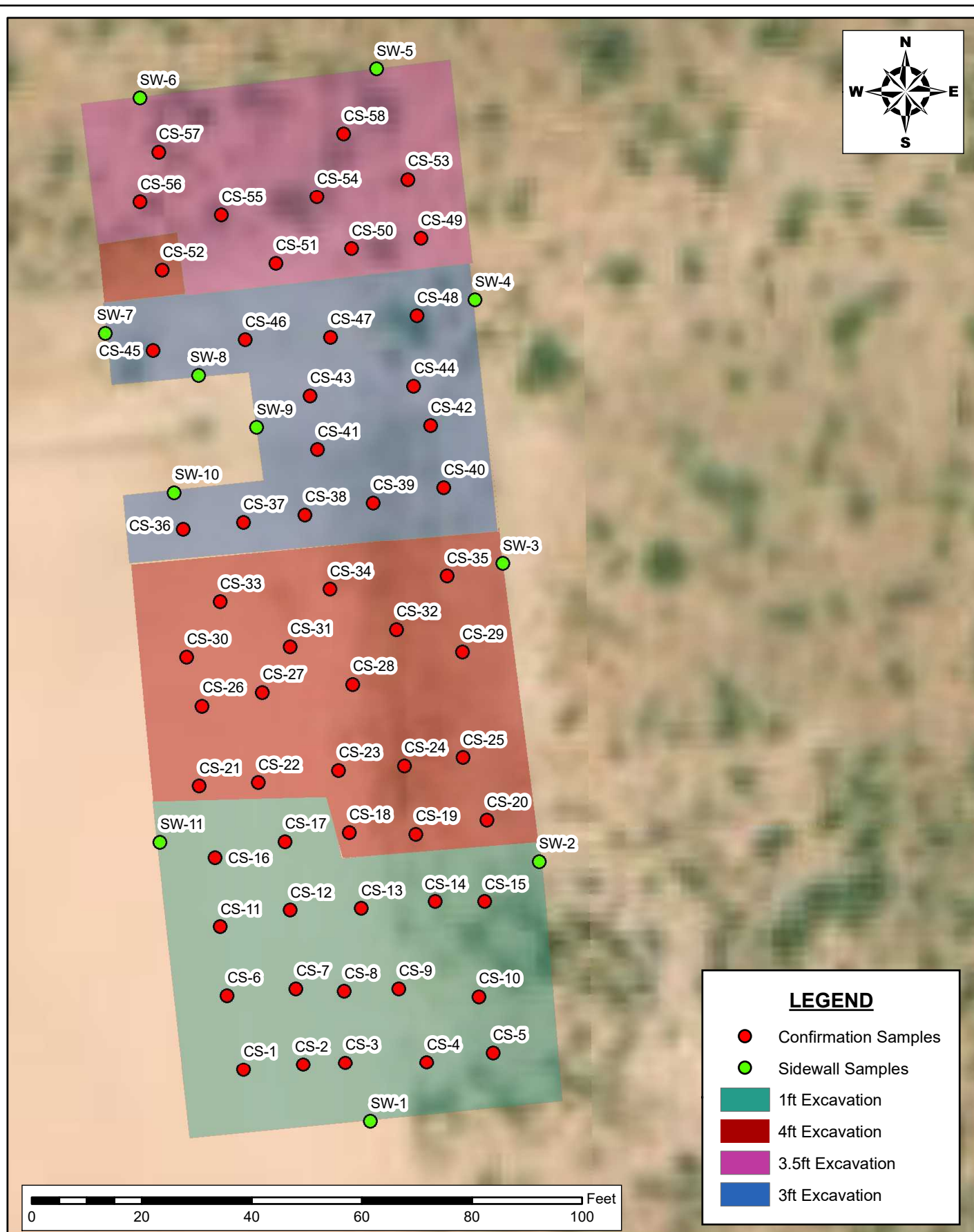
DRAWING NUMBER:

FIGURE 3

SHEET NUMBER:

1 of 1

Document Path: P:\2022 PROJECTS\COLGATE\IRSC\225995 - Samantha 31-6 Fed Com 1H7- Figures\GIS\225995_Figure_4_Final.mxd



SITE CONFIRMATION MAP
SITE ASSESSMENT REPORT
 SAMANTHA 31-6 FED COM 1H
 COLGATE ENERGY, LLC
 EDDY COUNTY, NEW MEXICO

SCALE: As Shown

Date: 12/23/2022

PROJECT #: 225995



New Tech Global Environmental, LLC
 911 Regional Park Drive
 Houston, Texas 77060
 T - 281.872.9300
 F - 281.872.4521
 Web: www.ntgenviroinmental.com

NOTES:

1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983

DRAWING NUMBER:

FIGURE 4

SHEET NUMBER:

1 of 1

PHOTOGRAPHIC LOG

PHOTOGRAPHIC LOG

Colgate Operating, L.L.C.

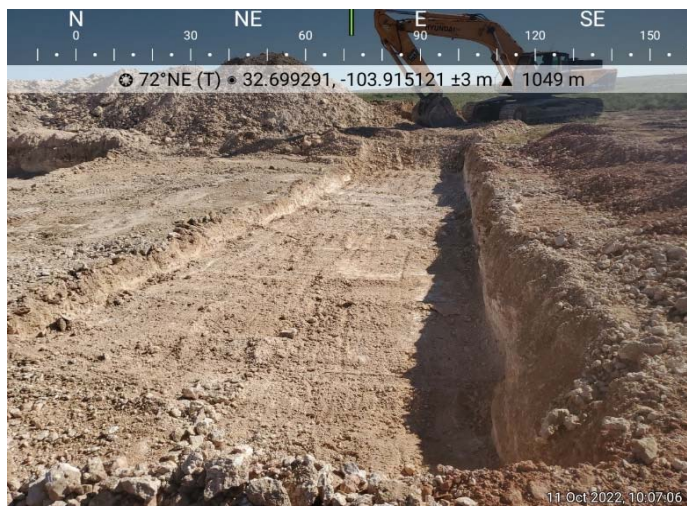
Photograph No. 1

Facility: Samantha 31-6 Fed Com 1H

County: Eddy County, New Mexico

Description:

View of excavation.



Photograph No. 2

Facility: Samantha 31-6 Fed Com 1H

County: Eddy County, New Mexico

Description:

View of excavation.



Photograph No. 3

Facility: Samantha 31-6 Fed Com 1H

County: Eddy County, New Mexico

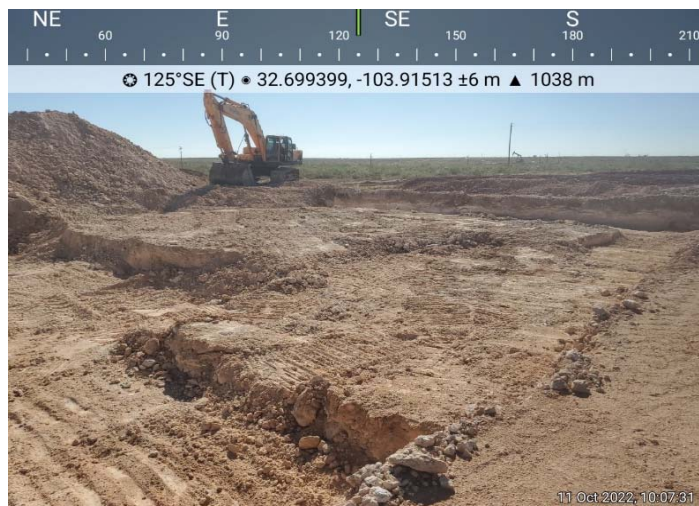
Description:

View of excavation.



PHOTOGRAPHIC LOG**Colgate Operating, L.L.C.****Photograph No. 4****Facility:** Samantha 31-6 Fed Com 1H**County:** Eddy County, New Mexico**Description:**

View of excavation.

**Photograph No. 5****Facility:** Samantha 31-6 Fed Com 1H**County:** Eddy County, New Mexico**Description:**

View of excavation.

**Photograph No. 6****Facility:** Samantha 31-6 Fed Com 1H**County:** Eddy County, New Mexico**Description:**

View of excavation.



PHOTOGRAPHIC LOG

Colgate Operating, L.L.C.

Photograph No. 7

Facility: Samantha 31-6 Fed Com 1H

County: Eddy County, New Mexico

Description:
View of excavation.



Photograph No. 8

Facility: Samantha 31-6 Fed Com 1H

County: Eddy County, New Mexico

Description:
View of excavation.



Photograph No. 9

Facility: Samantha 31-6 Fed Com 1H

County: Eddy County, New Mexico

Description:
View of excavation.

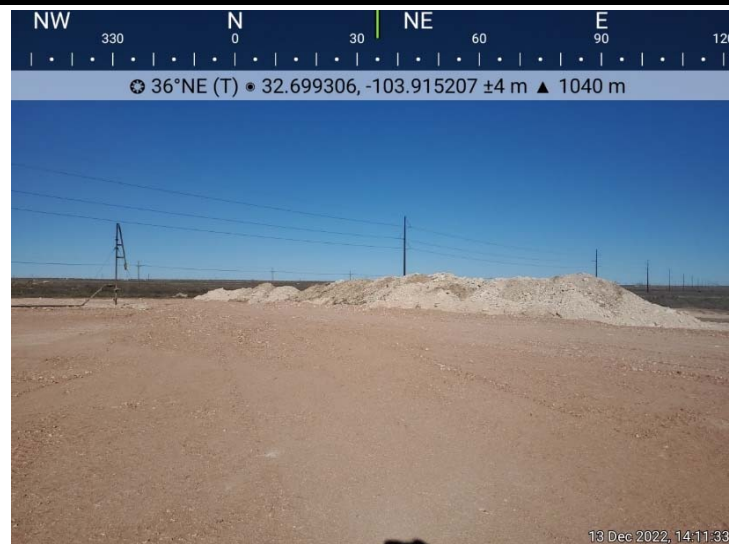


PHOTOGRAPHIC LOG**Colgate Operating, L.L.C.****Photograph No. 10****Facility:** Samantha 31-6 Fed Com 1H**County:** Eddy County, New Mexico**Description:**

View of Backfilled Excavation

**Photograph No. 11****Facility:** Samantha 31-6 Fed Com 1H**County:** Eddy County, New Mexico**Description:**

View of Backfilled Excavation

**Photograph No. 12****Facility:** Samantha 31-6 Fed Com 1H**County:** Eddy County, New Mexico**Description:**

View of Backfilled Excavation



PHOTOGRAPHIC LOG

Colgate Operating, L.L.C.

Photograph No. 13

Facility: Samantha 31-6 Fed Com 1H

County: Eddy County, New Mexico

Description:
View of Backfilled Excavation



Photograph No. 14

Facility: Samantha 31-6 Fed Com 1H

County: Eddy County, New Mexico

Description:
View of Backfilled Excavation



Photograph No. 15

Facility: Samantha 31-6 Fed Com 1H

County: Eddy County, New Mexico

Description:
View of Backfilled Excavation

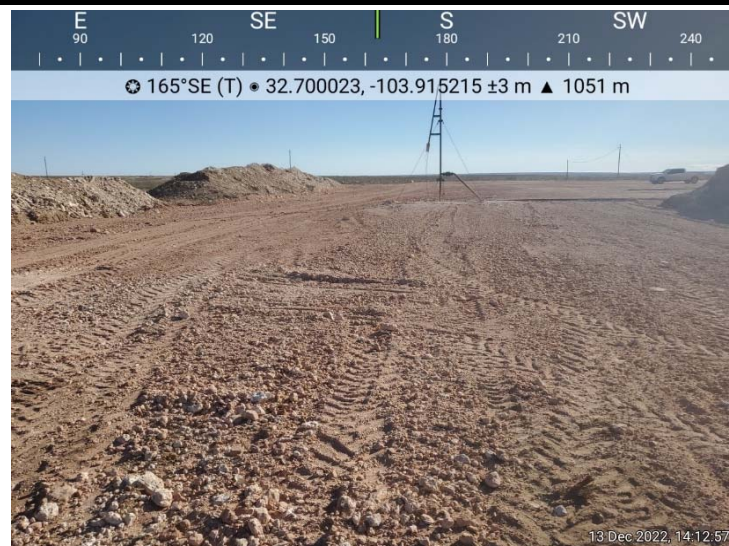


PHOTOGRAPHIC LOG**Colgate Operating, L.L.C.****Photograph No. 16****Facility:** Samantha 31-6 Fed Com 1H**County:** Eddy County, New Mexico**Description:**

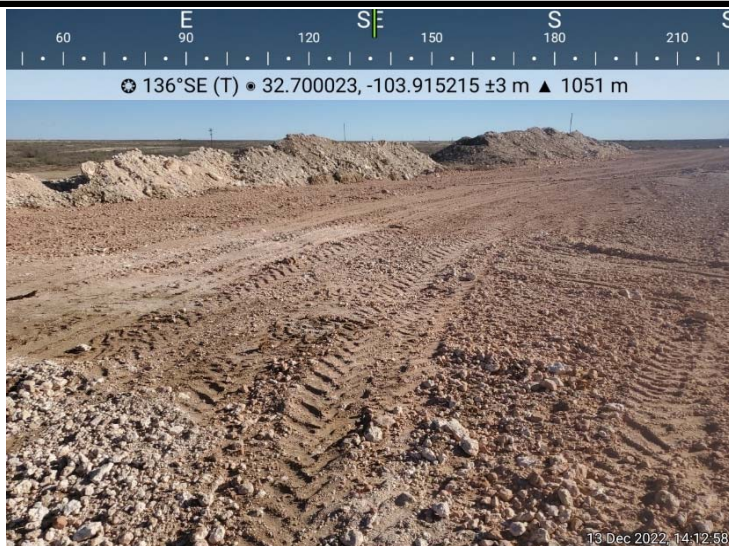
View of Backfilled Excavation

**Photograph No. 17****Facility:** Samantha 31-6 Fed Com 1H**County:** Eddy County, New Mexico**Description:**

View of Backfilled Excavation

**Photograph No. 18****Facility:** Samantha 31-6 Fed Com 1H**County:** Eddy County, New Mexico**Description:**

View of Backfilled Excavation



PHOTOGRAPHIC LOG

Colgate Operating, L.L.C.

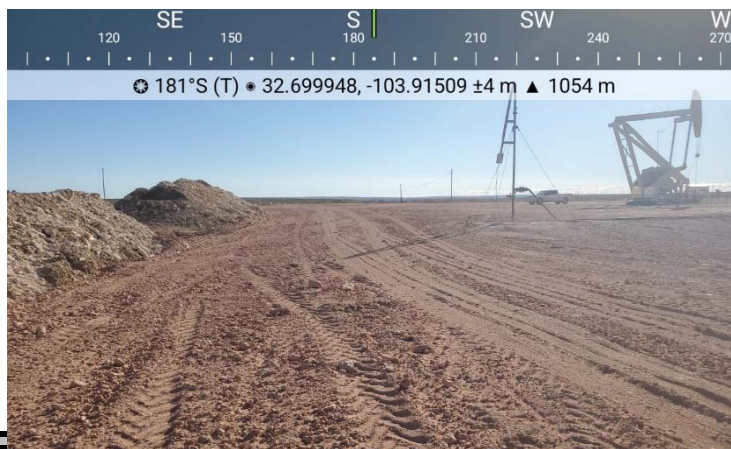
Photograph No. 19

Facility: Samantha 31-6 Fed Com 1H

County: Eddy County, New Mexico

Description:

View of Backfilled Excavation



Photograph No. 20

Facility: Samantha 31-6 Fed Com 1H

County: Eddy County, New Mexico

Description:

View of Backfilled Excavation



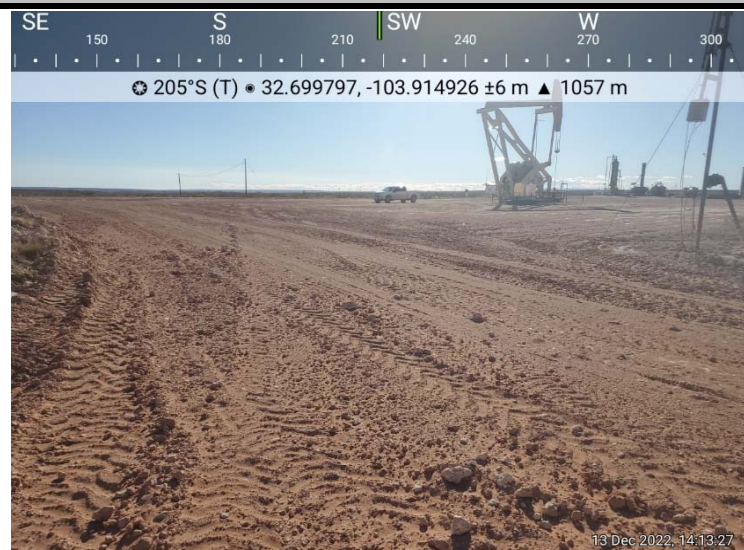
Photograph No. 21

Facility: Samantha 31-6 Fed Com 1H

County: Eddy County, New Mexico

Description:

View of Backfilled Excavation



LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

August 06, 2022

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: SAMANTHA 31-6 FED COM H1

Enclosed are the results of analyses for samples received by the laboratory on 08/01/22 13:22.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 08/01/2022
 Reported: 08/06/2022
 Project Name: SAMANTHA 31-6 FED COM H1
 Project Number: 225995
 Project Location: COLGATE - LEA CO NM

Sampling Date: 08/01/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: H - 1 (H223380-01)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2022	ND	2.02	101	2.00	7.74		
Toluene*	<0.050	0.050	08/03/2022	ND	2.10	105	2.00	7.94		
Ethylbenzene*	<0.050	0.050	08/03/2022	ND	2.12	106	2.00	8.14		
Total Xylenes*	<0.150	0.150	08/03/2022	ND	6.50	108	6.00	8.67		
Total BTX	<0.300	0.300	08/03/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/04/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2022	ND	194	96.8	200	8.21	
DRO >C10-C28*	<10.0	10.0	08/04/2022	ND	206	103	200	6.49	
EXT DRO >C28-C36	<10.0	10.0	08/04/2022	ND					

Surrogate: 1-Chlorooctane 82.1 % 43-149

Surrogate: 1-Chlorooctadecane 95.8 % 42.5-161

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 08/01/2022
 Reported: 08/06/2022
 Project Name: SAMANTHA 31-6 FED COM H1
 Project Number: 225995
 Project Location: COLGATE - LEA CO NM

Sampling Date: 08/01/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: H - 2 (H223380-02)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/04/2022	ND	2.04	102	2.00	6.09	
Toluene*	<0.050	0.050	08/04/2022	ND	2.12	106	2.00	5.48	
Ethylbenzene*	<0.050	0.050	08/04/2022	ND	2.16	108	2.00	5.98	
Total Xylenes*	<0.150	0.150	08/04/2022	ND	6.60	110	6.00	5.99	
Total BTX	<0.300	0.300	08/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/04/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2022	ND	194	96.8	200	8.21	
DRO >C10-C28*	<10.0	10.0	08/04/2022	ND	206	103	200	6.49	
EXT DRO >C28-C36	<10.0	10.0	08/04/2022	ND					

Surrogate: 1-Chlorooctane 83.7 % 43-149

Surrogate: 1-Chlorooctadecane 98.2 % 42.5-161

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 08/01/2022
 Reported: 08/06/2022
 Project Name: SAMANTHA 31-6 FED COM H1
 Project Number: 225995
 Project Location: COLGATE - LEA CO NM

Sampling Date: 08/01/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: H - 3 (H223380-03)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/04/2022	ND	2.04	102	2.00	6.09	
Toluene*	<0.050	0.050	08/04/2022	ND	2.12	106	2.00	5.48	
Ethylbenzene*	<0.050	0.050	08/04/2022	ND	2.16	108	2.00	5.98	
Total Xylenes*	<0.150	0.150	08/04/2022	ND	6.60	110	6.00	5.99	
Total BTEx	<0.300	0.300	08/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/04/2022	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2022	ND	194	96.8	200	8.21	
DRO >C10-C28*	<10.0	10.0	08/04/2022	ND	206	103	200	6.49	
EXT DRO >C28-C36	<10.0	10.0	08/04/2022	ND					

Surrogate: 1-Chlorooctane 72.0 % 43-149

Surrogate: 1-Chlorooctadecane 88.4 % 42.5-161

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 08/01/2022
 Reported: 08/06/2022
 Project Name: SAMANTHA 31-6 FED COM H1
 Project Number: 225995
 Project Location: COLGATE - LEA CO NM

Sampling Date: 08/01/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: H - 4 (H223380-04)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/04/2022	ND	2.04	102	2.00	6.09		
Toluene*	<0.050	0.050	08/04/2022	ND	2.12	106	2.00	5.48		
Ethylbenzene*	<0.050	0.050	08/04/2022	ND	2.16	108	2.00	5.98		
Total Xylenes*	<0.150	0.150	08/04/2022	ND	6.60	110	6.00	5.99		
Total BTX	<0.300	0.300	08/04/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/04/2022	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2022	ND	194	96.8	200	8.21	
DRO >C10-C28*	<10.0	10.0	08/04/2022	ND	206	103	200	6.49	
EXT DRO >C28-C36	<10.0	10.0	08/04/2022	ND					

Surrogate: 1-Chlorooctane 85.2 % 43-149

Surrogate: 1-Chlorooctadecane 98.9 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 08/01/2022
 Reported: 08/06/2022
 Project Name: SAMANTHA 31-6 FED COM H1
 Project Number: 225995
 Project Location: COLGATE - LEA CO NM

Sampling Date: 08/01/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: H - 5 (H223380-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/04/2022	ND	2.04	102	2.00	6.09		
Toluene*	<0.050	0.050	08/04/2022	ND	2.12	106	2.00	5.48		
Ethylbenzene*	<0.050	0.050	08/04/2022	ND	2.16	108	2.00	5.98		
Total Xylenes*	<0.150	0.150	08/04/2022	ND	6.60	110	6.00	5.99		
Total BTEx	<0.300	0.300	08/04/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/04/2022	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2022	ND	194	96.8	200	8.21	
DRO >C10-C28*	<10.0	10.0	08/04/2022	ND	206	103	200	6.49	
EXT DRO >C28-C36	<10.0	10.0	08/04/2022	ND					

Surrogate: 1-Chlorooctane 70.8 % 43-149

Surrogate: 1-Chlorooctadecane 83.0 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	08/01/2022	Sampling Date:	08/01/2022
Reported:	08/06/2022	Sampling Type:	Soil
Project Name:	SAMANTHA 31-6 FED COM H1	Sampling Condition:	** (See Notes)
Project Number:	225995	Sample Received By:	Tamara Oldaker
Project Location:	COLGATE - LEA CO NM		

Sample ID: H - 6 (H223380-06)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/04/2022	ND	2.04	102	2.00	6.09		
Toluene*	<0.050	0.050	08/04/2022	ND	2.12	106	2.00	5.48		
Ethylbenzene*	<0.050	0.050	08/04/2022	ND	2.16	108	2.00	5.98		
Total Xylenes*	<0.150	0.150	08/04/2022	ND	6.60	110	6.00	5.99		
Total BTX	<0.300	0.300	08/04/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	08/04/2022	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2022	ND	179	89.4	200	4.41	
DRO >C10-C28*	19.0	10.0	08/04/2022	ND	189	94.3	200	6.80	
EXT DRO >C28-C36	<10.0	10.0	08/04/2022	ND					

Surrogate: 1-Chlorooctane 60.4 % 43-149

Surrogate: 1-Chlorooctadecane 65.4 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 08/01/2022
 Reported: 08/06/2022
 Project Name: SAMANTHA 31-6 FED COM H1
 Project Number: 225995
 Project Location: COLGATE - LEA CO NM

Sampling Date: 08/01/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: S - 1 (0-1) (H223380-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/04/2022	ND	2.04	102	2.00	6.09		
Toluene*	<0.050	0.050	08/04/2022	ND	2.12	106	2.00	5.48		
Ethylbenzene*	<0.050	0.050	08/04/2022	ND	2.16	108	2.00	5.98		
Total Xylenes*	<0.150	0.150	08/04/2022	ND	6.60	110	6.00	5.99		
Total BTEX	<0.300	0.300	08/04/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/04/2022	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2022	ND	179	89.4	200	4.41	
DRO >C10-C28*	17.2	10.0	08/04/2022	ND	189	94.3	200	6.80	
EXT DRO >C28-C36	<10.0	10.0	08/04/2022	ND					

Surrogate: 1-Chlorooctane 67.3 % 43-149

Surrogate: 1-Chlorooctadecane 74.2 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	08/01/2022	Sampling Date:	08/01/2022
Reported:	08/06/2022	Sampling Type:	Soil
Project Name:	SAMANTHA 31-6 FED COM H1	Sampling Condition:	** (See Notes)
Project Number:	225995	Sample Received By:	Tamara Oldaker
Project Location:	COLGATE - LEA CO NM		

Sample ID: S - 2 (0-1) (H223380-08)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/04/2022	ND	2.04	102	2.00	6.09	
Toluene*	<0.050	0.050	08/04/2022	ND	2.12	106	2.00	5.48	
Ethylbenzene*	<0.050	0.050	08/04/2022	ND	2.16	108	2.00	5.98	
Total Xylenes*	<0.150	0.150	08/04/2022	ND	6.60	110	6.00	5.99	
Total BTX	<0.300	0.300	08/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/04/2022	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2022	ND	179	89.4	200	4.41	
DRO >C10-C28*	176	10.0	08/04/2022	ND	189	94.3	200	6.80	
EXT DRO >C28-C36	66.1	10.0	08/04/2022	ND					

Surrogate: 1-Chlorooctane 70.7 % 43-149

Surrogate: 1-Chlorooctadecane 94.2 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 08/01/2022
 Reported: 08/06/2022
 Project Name: SAMANTHA 31-6 FED COM H1
 Project Number: 225995
 Project Location: COLGATE - LEA CO NM

Sampling Date: 08/01/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: S - 3 (2.0-2.5) (H223380-09)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/04/2022	ND	2.04	102	2.00	6.09	
Toluene*	<0.050	0.050	08/04/2022	ND	2.12	106	2.00	5.48	
Ethylbenzene*	<0.050	0.050	08/04/2022	ND	2.16	108	2.00	5.98	
Total Xylenes*	<0.150	0.150	08/04/2022	ND	6.60	110	6.00	5.99	
Total BTX	<0.300	0.300	08/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/04/2022	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2022	ND	179	89.4	200	4.41	
DRO >C10-C28*	301	10.0	08/04/2022	ND	189	94.3	200	6.80	
EXT DRO >C28-C36	119	10.0	08/04/2022	ND					

Surrogate: 1-Chlorooctane 75.9 % 43-149

Surrogate: 1-Chlorooctadecane 115 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 08/01/2022
 Reported: 08/06/2022
 Project Name: SAMANTHA 31-6 FED COM H1
 Project Number: 225995
 Project Location: COLGATE - LEA CO NM

Sampling Date: 08/01/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: S - 4 (1.5-2) (H223380-10)

BTEx 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	10.4	1.00	08/05/2022	ND	2.04	102	2.00	6.09	
Toluene*	149	1.00	08/05/2022	ND	2.12	106	2.00	5.48	
Ethylbenzene*	113	1.00	08/05/2022	ND	2.16	108	2.00	5.98	
Total Xylenes*	232	3.00	08/05/2022	ND	6.60	110	6.00	5.99	
Total BTEX	504	6.00	08/05/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 148 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	08/04/2022	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	3120	100	08/05/2022	ND	179	89.4	200	4.41	
DRO >C10-C28*	14900	100	08/05/2022	ND	189	94.3	200	6.80	
EXT DRO >C28-C36	3240	100	08/05/2022	ND					

Surrogate: 1-Chlorooctane 478 % 43-149

Surrogate: 1-Chlorooctadecane 919 % 42.5-161

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 08/01/2022
 Reported: 08/06/2022
 Project Name: SAMANTHA 31-6 FED COM H1
 Project Number: 225995
 Project Location: COLGATE - LEA CO NM

Sampling Date: 08/01/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: S - 5 (1.5-2) (H223380-11)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	1.82	1.00	08/04/2022	ND	2.04	102	2.00	6.09	
Toluene*	64.0	2.00	08/04/2022	ND	2.12	106	2.00	5.48	
Ethylbenzene*	73.1	2.00	08/04/2022	ND	2.16	108	2.00	5.98	
Total Xylenes*	161	6.00	08/04/2022	ND	6.60	110	6.00	5.99	
Total BTEX	300	11.0	08/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 132 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	08/04/2022	ND	400	100	400	7.69	
TPH 8015M	mg/kg		Analyzed By: MS						S-06

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	3410	100	08/05/2022	ND	179	89.4	200	4.41	
DRO >C10-C28*	22100	100	08/05/2022	ND	189	94.3	200	6.80	
EXT DRO >C28-C36	4550	100	08/05/2022	ND					

Surrogate: 1-Chlorooctane 703 % 43-149

Surrogate: 1-Chlorooctadecane 1270 % 42.5-161

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Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene", written in a cursive style.

Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name: New Tech Global Environmental (NTGE)

Project Manager: Ethan Sessions

Address: 402 E Wood Ave

City: Carlsbad

State: NM Zip: 88220

Phone #: 254 266 5456

Fax #:

Project #: 225995

Project Owner: Colgate

Project Name: Symantec 31-6 Fed Com 14

Project Location: Lea County

Sample Name: Jordan Turner, Tyler Kimball

BILL TO

ANALYSIS REQUEST

P.O. #:

Company: NTGE

Attn: Ethan Sessions

Address: 402 E Wood Ave

City: Carlsbad

State: NM Zip: 88220

Phone #: 254-266-5456

Fax #:

FOR LAB USE ONLY

Lab I.D. Sample I.D.

H223380
11

S-S (1,5-2)

(G)RAB OR (C)OMP.
CONTAINERS
GROUNDWATER
WASTEWATER
SOIL
OIL
SLUDGE
OTHER :
ACID/BASE:
ICE / COOL
OTHER :

DATE
TIME

BTEX
TPH
Chlorides

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Relinquished By:

Date: 8.1
Time: 1:28 pm
Received By: *[Signature]*

Relinquished By:

Date: 8.1
Time: 1:28 pm
Received By: *[Signature]*

Delivered By: (Circle One)

Observed Temp. °C
Corrected Temp. °C

Sample Condition
Cool Intact
☒ Yes ☐ No

CHECKED BY:
(initials)

Turnaround Time:

Standard
Rush

Bacteria (only) Sample Condition
Cool Intact
☐ Yes ☐ No
Observed Temp. °C
Corrected Temp. °C

Sampler - UPS - Bus - Other:

Observed Temp. °C
Corrected Temp. °C

Sample Condition
Cool Intact
☒ Yes ☐ No

CHECKED BY:
(initials)

Turnaround Time:

Standard
Rush

Bacteria (only) Sample Condition
Cool Intact
☐ Yes ☐ No
Observed Temp. °C
Corrected Temp. °C

FORM 0006-03-2 10/07/21

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinalabnm.com



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

October 31, 2022

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: SAMANTHA 31-6

Enclosed are the results of analyses for samples received by the laboratory on 10/21/22 14:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 10/21/2022
 Reported: 10/31/2022
 Project Name: SAMANTHA 31-6
 Project Number: NONE GIVEN
 Project Location: COLGATE - EDDY COUNTY

Sampling Date: 10/21/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 3 (2') (H224968-01)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2022	ND	1.94	96.9	2.00	6.43		
Toluene*	<0.050	0.050	10/28/2022	ND	2.04	102	2.00	6.23		
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	1.99	99.7	2.00	6.66		
Total Xylenes*	<0.150	0.150	10/28/2022	ND	5.97	99.5	6.00	6.15		
Total BTX	<0.300	0.300	10/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.6 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	10/26/2022	ND	400	100	400	11.3		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	229	114	200	3.79	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	220	110	200	13.5	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 75.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.0 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 10/21/2022
 Reported: 10/31/2022
 Project Name: SAMANTHA 31-6
 Project Number: NONE GIVEN
 Project Location: COLGATE - EDDY COUNTY

Sampling Date: 10/21/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 5 (2') (H224968-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2022	ND	1.94	96.9	2.00	6.43		
Toluene*	<0.050	0.050	10/28/2022	ND	2.04	102	2.00	6.23		
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	1.99	99.7	2.00	6.66		
Total Xylenes*	<0.150	0.150	10/28/2022	ND	5.97	99.5	6.00	6.15		
Total BTEX	<0.300	0.300	10/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/26/2022	ND	400	100	400	11.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	229	114	200	3.79	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	220	110	200	13.5	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 103 % 45.3-161

Surrogate: 1-Chlorooctadecane 119 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 10/21/2022
 Reported: 10/31/2022
 Project Name: SAMANTHA 31-6
 Project Number: NONE GIVEN
 Project Location: COLGATE - EDDY COUNTY

Sampling Date: 10/21/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 7 (2') (H224968-03)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2022	ND	1.94	96.9	2.00	6.43		
Toluene*	<0.050	0.050	10/28/2022	ND	2.04	102	2.00	6.23		
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	1.99	99.7	2.00	6.66		
Total Xylenes*	<0.150	0.150	10/28/2022	ND	5.97	99.5	6.00	6.15		
Total BTX	<0.300	0.300	10/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	10/26/2022	ND	400	100	400	11.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	229	114	200	3.79	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	220	110	200	13.5	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 67.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 79.1 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 10/21/2022
 Reported: 10/31/2022
 Project Name: SAMANTHA 31-6
 Project Number: NONE GIVEN
 Project Location: COLGATE - EDDY COUNTY

Sampling Date: 10/21/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 8 (2') (H224968-04)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2022	ND	1.94	96.9	2.00	6.43	
Toluene*	<0.050	0.050	10/28/2022	ND	2.04	102	2.00	6.23	
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	1.99	99.7	2.00	6.66	
Total Xylenes*	<0.150	0.150	10/28/2022	ND	5.97	99.5	6.00	6.15	
Total BTX	<0.300	0.300	10/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/26/2022	ND	400	100	400	11.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	229	114	200	3.79	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	220	110	200	13.5	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 91.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 106 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 10/21/2022
 Reported: 10/31/2022
 Project Name: SAMANTHA 31-6
 Project Number: NONE GIVEN
 Project Location: COLGATE - EDDY COUNTY

Sampling Date: 10/21/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 9 (2') (H224968-05)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2022	ND	1.94	96.9	2.00	6.43		
Toluene*	<0.050	0.050	10/28/2022	ND	2.04	102	2.00	6.23		
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	1.99	99.7	2.00	6.66		
Total Xylenes*	<0.150	0.150	10/28/2022	ND	5.97	99.5	6.00	6.15		
Total BTX	<0.300	0.300	10/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/26/2022	ND	400	100	400	11.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	229	114	200	3.79	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	220	110	200	13.5	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 76.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 85.6 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 10/21/2022
 Reported: 10/31/2022
 Project Name: SAMANTHA 31-6
 Project Number: NONE GIVEN
 Project Location: COLGATE - EDDY COUNTY

Sampling Date: 10/21/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 10 (2') (H224968-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2022	ND	1.94	96.9	2.00	6.43		
Toluene*	<0.050	0.050	10/28/2022	ND	2.04	102	2.00	6.23		
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	1.99	99.7	2.00	6.66		
Total Xylenes*	<0.150	0.150	10/28/2022	ND	5.97	99.5	6.00	6.15		
Total BTEX	<0.300	0.300	10/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/26/2022	ND	400	100	400	11.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	229	114	200	3.79	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	220	110	200	13.5	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 71.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 83.5 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 10/21/2022
 Reported: 10/31/2022
 Project Name: SAMANTHA 31-6
 Project Number: NONE GIVEN
 Project Location: COLGATE - EDDY COUNTY

Sampling Date: 10/21/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 18 (3') (H224968-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2022	ND	1.94	96.9	2.00	6.43		
Toluene*	<0.050	0.050	10/28/2022	ND	2.04	102	2.00	6.23		
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	1.99	99.7	2.00	6.66		
Total Xylenes*	<0.150	0.150	10/28/2022	ND	5.97	99.5	6.00	6.15		
Total BTEx	<0.300	0.300	10/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/26/2022	ND	400	100	400	11.3		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	229	114	200	3.79	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	220	110	200	13.5	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 79.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.5 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 10/21/2022
 Reported: 10/31/2022
 Project Name: SAMANTHA 31-6
 Project Number: NONE GIVEN
 Project Location: COLGATE - EDDY COUNTY

Sampling Date: 10/21/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 20 (3') (H224968-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2022	ND	1.94	96.9	2.00	6.43		
Toluene*	<0.050	0.050	10/28/2022	ND	2.04	102	2.00	6.23		
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	1.99	99.7	2.00	6.66		
Total Xylenes*	<0.150	0.150	10/28/2022	ND	5.97	99.5	6.00	6.15		
Total BTEX	<0.300	0.300	10/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.6 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	10/26/2022	ND	400	100	400	11.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	229	114	200	3.79	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	220	110	200	13.5	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 71.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 82.8 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 10/21/2022
 Reported: 10/31/2022
 Project Name: SAMANTHA 31-6
 Project Number: NONE GIVEN
 Project Location: COLGATE - EDDY COUNTY

Sampling Date: 10/21/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 21 (3') (H224968-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2022	ND	1.94	96.9	2.00	6.43		
Toluene*	<0.050	0.050	10/28/2022	ND	2.04	102	2.00	6.23		
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	1.99	99.7	2.00	6.66		
Total Xylenes*	<0.150	0.150	10/28/2022	ND	5.97	99.5	6.00	6.15		
Total BTEX	<0.300	0.300	10/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.2 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/26/2022	ND	400	100	400	11.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	229	114	200	3.79	
DRO >C10-C28*	172	10.0	10/27/2022	ND	220	110	200	13.5	
EXT DRO >C28-C36	36.6	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 69.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 77.2 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 10/21/2022
 Reported: 10/31/2022
 Project Name: SAMANTHA 31-6
 Project Number: NONE GIVEN
 Project Location: COLGATE - EDDY COUNTY

Sampling Date: 10/21/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 22 (3') (H224968-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2022	ND	1.94	96.9	2.00	6.43		
Toluene*	<0.050	0.050	10/28/2022	ND	2.04	102	2.00	6.23		
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	1.99	99.7	2.00	6.66		
Total Xylenes*	<0.150	0.150	10/28/2022	ND	5.97	99.5	6.00	6.15		
Total BTEx	<0.300	0.300	10/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/26/2022	ND	400	100	400	11.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	208	104	200	2.53	
DRO >C10-C28*	17.2	10.0	10/27/2022	ND	201	101	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 85.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 87.8 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 10/21/2022
 Reported: 10/31/2022
 Project Name: SAMANTHA 31-6
 Project Number: NONE GIVEN
 Project Location: COLGATE - EDDY COUNTY

Sampling Date: 10/21/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 23 (3') (H224968-11)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2022	ND	1.94	96.9	2.00	6.43		
Toluene*	<0.050	0.050	10/28/2022	ND	2.04	102	2.00	6.23		
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	1.99	99.7	2.00	6.66		
Total Xylenes*	<0.150	0.150	10/28/2022	ND	5.97	99.5	6.00	6.15		
Total BTEx	<0.300	0.300	10/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/26/2022	ND	400	100	400	11.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	208	104	200	2.53	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	201	101	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 85.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 89.1 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 10/21/2022
 Reported: 10/31/2022
 Project Name: SAMANTHA 31-6
 Project Number: NONE GIVEN
 Project Location: COLGATE - EDDY COUNTY

Sampling Date: 10/21/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 24 (3') (H224968-12)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2022	ND	1.94	96.9	2.00	6.43	
Toluene*	<0.050	0.050	10/28/2022	ND	2.04	102	2.00	6.23	
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	1.99	99.7	2.00	6.66	
Total Xylenes*	<0.150	0.150	10/28/2022	ND	5.97	99.5	6.00	6.15	
Total BTX	<0.300	0.300	10/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/26/2022	ND	400	100	400	11.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	208	104	200	2.53	
DRO >C10-C28*	105	10.0	10/27/2022	ND	201	101	200	1.93	
EXT DRO >C28-C36	37.3	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 87.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.9 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 10/21/2022
 Reported: 10/31/2022
 Project Name: SAMANTHA 31-6
 Project Number: NONE GIVEN
 Project Location: COLGATE - EDDY COUNTY

Sampling Date: 10/21/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 25 (3') (H224968-13)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2022	ND	1.94	96.9	2.00	6.43		
Toluene*	<0.050	0.050	10/28/2022	ND	2.04	102	2.00	6.23		
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	1.99	99.7	2.00	6.66		
Total Xylenes*	<0.150	0.150	10/28/2022	ND	5.97	99.5	6.00	6.15		
Total BTEx	<0.300	0.300	10/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/26/2022	ND	400	100	400	11.3		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	208	104	200	2.53	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	201	101	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 84.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 88.3 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 10/21/2022
 Reported: 10/31/2022
 Project Name: SAMANTHA 31-6
 Project Number: NONE GIVEN
 Project Location: COLGATE - EDDY COUNTY

Sampling Date: 10/21/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 26 (3') (H224968-14)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2022	ND	1.94	96.9	2.00	6.43	
Toluene*	<0.050	0.050	10/28/2022	ND	2.04	102	2.00	6.23	
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	1.99	99.7	2.00	6.66	
Total Xylenes*	<0.150	0.150	10/28/2022	ND	5.97	99.5	6.00	6.15	
Total BTX	<0.300	0.300	10/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/26/2022	ND	400	100	400	11.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	208	104	200	2.53	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	201	101	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 91.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.6 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
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 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 10/21/2022
 Reported: 10/31/2022
 Project Name: SAMANTHA 31-6
 Project Number: NONE GIVEN
 Project Location: COLGATE - EDDY COUNTY

Sampling Date: 10/21/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 27 (3') (H224968-15)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2022	ND	1.94	96.9	2.00	6.43		
Toluene*	<0.050	0.050	10/28/2022	ND	2.04	102	2.00	6.23		
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	1.99	99.7	2.00	6.66		
Total Xylenes*	<0.150	0.150	10/28/2022	ND	5.97	99.5	6.00	6.15		
Total BTX	<0.300	0.300	10/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/26/2022	ND	400	100	400	11.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	208	104	200	2.53	
DRO >C10-C28*	259	10.0	10/27/2022	ND	201	101	200	1.93	
EXT DRO >C28-C36	120	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 89.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.8 % 46.3-178

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 ETHAN SESSUMS
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 MIDLAND TX, 79706
 Fax To:

Received: 10/21/2022
 Reported: 10/31/2022
 Project Name: SAMANTHA 31-6
 Project Number: NONE GIVEN
 Project Location: COLGATE - EDDY COUNTY

Sampling Date: 10/21/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 28 (3') (H224968-16)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2022	ND	1.94	96.9	2.00	6.43	
Toluene*	<0.050	0.050	10/28/2022	ND	2.04	102	2.00	6.23	
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	1.99	99.7	2.00	6.66	
Total Xylenes*	<0.150	0.150	10/28/2022	ND	5.97	99.5	6.00	6.15	
Total BTX	<0.300	0.300	10/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	10/26/2022	ND	400	100	400	11.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	208	104	200	2.53	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	201	101	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 94.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.4 % 46.3-178

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NTG ENVIRONMENTAL
 ETHAN SESSUMS
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 MIDLAND TX, 79706
 Fax To:

Received: 10/21/2022
 Reported: 10/31/2022
 Project Name: SAMANTHA 31-6
 Project Number: NONE GIVEN
 Project Location: COLGATE - EDDY COUNTY

Sampling Date: 10/21/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 30 (3') (H224968-17)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2022	ND	1.94	96.9	2.00	6.43	
Toluene*	<0.050	0.050	10/28/2022	ND	2.04	102	2.00	6.23	
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	1.99	99.7	2.00	6.66	
Total Xylenes*	<0.150	0.150	10/28/2022	ND	5.97	99.5	6.00	6.15	
Total BTX	<0.300	0.300	10/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/26/2022	ND	400	100	400	11.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	208	104	200	2.53	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	201	101	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 98.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 10/21/2022
 Reported: 10/31/2022
 Project Name: SAMANTHA 31-6
 Project Number: NONE GIVEN
 Project Location: COLGATE - EDDY COUNTY

Sampling Date: 10/21/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 32 (3') (H224968-18)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2022	ND	1.94	96.9	2.00	6.43		
Toluene*	<0.050	0.050	10/28/2022	ND	2.04	102	2.00	6.23		
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	1.99	99.7	2.00	6.66		
Total Xylenes*	<0.150	0.150	10/28/2022	ND	5.97	99.5	6.00	6.15		
Total BTEx	<0.300	0.300	10/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/26/2022	ND	400	100	400	11.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	208	104	200	2.53	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	201	101	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 97.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.5 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 10/21/2022
 Reported: 10/31/2022
 Project Name: SAMANTHA 31-6
 Project Number: NONE GIVEN
 Project Location: COLGATE - EDDY COUNTY

Sampling Date: 10/21/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 34 (3') (H224968-19)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2022	ND	1.94	96.9	2.00	6.43		
Toluene*	<0.050	0.050	10/28/2022	ND	2.04	102	2.00	6.23		
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	1.99	99.7	2.00	6.66		
Total Xylenes*	<0.150	0.150	10/28/2022	ND	5.97	99.5	6.00	6.15		
Total BTEx	<0.300	0.300	10/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	10/26/2022	ND	400	100	400	11.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	208	104	200	2.53	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	201	101	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 95.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.7 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 10/21/2022
 Reported: 10/31/2022
 Project Name: SAMANTHA 31-6
 Project Number: NONE GIVEN
 Project Location: COLGATE - EDDY COUNTY

Sampling Date: 10/21/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 35 (3') (H224968-20)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2022	ND	1.94	96.9	2.00	6.43		
Toluene*	<0.050	0.050	10/28/2022	ND	2.04	102	2.00	6.23		
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	1.99	99.7	2.00	6.66		
Total Xylenes*	<0.150	0.150	10/28/2022	ND	5.97	99.5	6.00	6.15		
Total BTEx	<0.300	0.300	10/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/26/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	208	104	200	2.53	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	201	101	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 92.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.5 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 10/21/2022
 Reported: 10/31/2022
 Project Name: SAMANTHA 31-6
 Project Number: NONE GIVEN
 Project Location: COLGATE - EDDY COUNTY

Sampling Date: 10/21/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 46 (4') (H224968-21)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2022	ND	2.09	105	2.00	0.259	
Toluene*	<0.050	0.050	10/28/2022	ND	2.18	109	2.00	0.285	
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.16	108	2.00	1.09	
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.42	107	6.00	0.986	
Total BTEX	<0.300	0.300	10/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.0 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	10/26/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	208	104	200	2.53	
DRO >C10-C28*	15.3	10.0	10/27/2022	ND	201	101	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 91.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.2 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 10/21/2022
 Reported: 10/31/2022
 Project Name: SAMANTHA 31-6
 Project Number: NONE GIVEN
 Project Location: COLGATE - EDDY COUNTY

Sampling Date: 10/21/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 47 (4') (H224968-22)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2022	ND	2.09	105	2.00	0.259		
Toluene*	<0.050	0.050	10/28/2022	ND	2.18	109	2.00	0.285		
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.16	108	2.00	1.09		
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.42	107	6.00	0.986		
Total BTEx	<0.300	0.300	10/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/26/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	208	104	200	2.53	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	201	101	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 86.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 88.4 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 10/21/2022
 Reported: 10/31/2022
 Project Name: SAMANTHA 31-6
 Project Number: NONE GIVEN
 Project Location: COLGATE - EDDY COUNTY

Sampling Date: 10/21/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 50 (4') (H224968-23)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2022	ND	2.09	105	2.00	0.259		
Toluene*	<0.050	0.050	10/28/2022	ND	2.18	109	2.00	0.285		
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.16	108	2.00	1.09		
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.42	107	6.00	0.986		
Total BTEx	<0.300	0.300	10/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/26/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	208	104	200	2.53	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	201	101	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 90.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.4 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 10/21/2022
 Reported: 10/31/2022
 Project Name: SAMANTHA 31-6
 Project Number: NONE GIVEN
 Project Location: COLGATE - EDDY COUNTY

Sampling Date: 10/21/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 52 (4') (H224968-24)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2022	ND	2.09	105	2.00	0.259		
Toluene*	<0.050	0.050	10/28/2022	ND	2.18	109	2.00	0.285		
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.16	108	2.00	1.09		
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.42	107	6.00	0.986		
Total BTX	<0.300	0.300	10/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/26/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	208	104	200	2.53	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	201	101	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 87.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 85.8 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 10/21/2022
 Reported: 10/31/2022
 Project Name: SAMANTHA 31-6
 Project Number: NONE GIVEN
 Project Location: COLGATE - EDDY COUNTY

Sampling Date: 10/21/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 12 (H224968-25)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2022	ND	2.09	105	2.00	0.259		
Toluene*	<0.050	0.050	10/28/2022	ND	2.18	109	2.00	0.285		
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.16	108	2.00	1.09		
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.42	107	6.00	0.986		
Total BTEx	<0.300	0.300	10/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	10/26/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	208	104	200	2.53	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	201	101	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 93.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.3 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 10/21/2022
 Reported: 10/31/2022
 Project Name: SAMANTHA 31-6
 Project Number: NONE GIVEN
 Project Location: COLGATE - EDDY COUNTY

Sampling Date: 10/21/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 13 (H224968-26)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2022	ND	2.09	105	2.00	0.259		
Toluene*	<0.050	0.050	10/28/2022	ND	2.18	109	2.00	0.285		
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.16	108	2.00	1.09		
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.42	107	6.00	0.986		
Total BTEx	<0.300	0.300	10/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/26/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	208	104	200	2.53	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	201	101	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 91.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.1 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 10/21/2022
 Reported: 10/31/2022
 Project Name: SAMANTHA 31-6
 Project Number: NONE GIVEN
 Project Location: COLGATE - EDDY COUNTY

Sampling Date: 10/21/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 14 (H224968-27)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2022	ND	2.09	105	2.00	0.259		
Toluene*	<0.050	0.050	10/28/2022	ND	2.18	109	2.00	0.285		
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.16	108	2.00	1.09		
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.42	107	6.00	0.986		
Total BTX	<0.300	0.300	10/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	10/26/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	208	104	200	2.53	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	201	101	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 82.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 82.4 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 10/21/2022
 Reported: 10/31/2022
 Project Name: SAMANTHA 31-6
 Project Number: NONE GIVEN
 Project Location: COLGATE - EDDY COUNTY

Sampling Date: 10/21/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 15 (H224968-28)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2022	ND	2.09	105	2.00	0.259		
Toluene*	<0.050	0.050	10/28/2022	ND	2.18	109	2.00	0.285		
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.16	108	2.00	1.09		
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.42	107	6.00	0.986		
Total BTEx	<0.300	0.300	10/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	10/26/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	208	104	200	2.53	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	201	101	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 94.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.4 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 10/21/2022
 Reported: 10/31/2022
 Project Name: SAMANTHA 31-6
 Project Number: NONE GIVEN
 Project Location: COLGATE - EDDY COUNTY

Sampling Date: 10/21/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 16 (H224968-29)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2022	ND	2.09	105	2.00	0.259		
Toluene*	<0.050	0.050	10/28/2022	ND	2.18	109	2.00	0.285		
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.16	108	2.00	1.09		
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.42	107	6.00	0.986		
Total BTEx	<0.300	0.300	10/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	10/26/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	208	104	200	2.53	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	201	101	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 93.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.7 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 10/21/2022
 Reported: 10/31/2022
 Project Name: SAMANTHA 31-6
 Project Number: NONE GIVEN
 Project Location: COLGATE - EDDY COUNTY

Sampling Date: 10/21/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 17 (H224968-30)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2022	ND	2.09	105	2.00	0.259	
Toluene*	<0.050	0.050	10/28/2022	ND	2.18	109	2.00	0.285	
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.16	108	2.00	1.09	
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.42	107	6.00	0.986	
Total BTX	<0.300	0.300	10/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	10/26/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	199	99.3	200	12.3	
DRO >C10-C28*	18.9	10.0	10/27/2022	ND	207	104	200	18.8	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 76.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.5 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 10/21/2022
 Reported: 10/31/2022
 Project Name: SAMANTHA 31-6
 Project Number: NONE GIVEN
 Project Location: COLGATE - EDDY COUNTY

Sampling Date: 10/21/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 18 (H224968-31)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2022	ND	2.11	106	2.00	4.85		
Toluene*	<0.050	0.050	10/28/2022	ND	2.23	112	2.00	4.79		
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.19	109	2.00	5.37		
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.49	108	6.00	4.99		
Total BTEx	<0.300	0.300	10/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	10/26/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	199	99.3	200	12.3	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	207	104	200	18.8	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 84.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.4 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 10/21/2022
 Reported: 10/31/2022
 Project Name: SAMANTHA 31-6
 Project Number: NONE GIVEN
 Project Location: COLGATE - EDDY COUNTY

Sampling Date: 10/21/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 19 (H224968-32)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2022	ND	2.11	106	2.00	4.85	
Toluene*	<0.050	0.050	10/28/2022	ND	2.23	112	2.00	4.79	
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.19	109	2.00	5.37	
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.49	108	6.00	4.99	
Total BTEx	<0.300	0.300	10/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/26/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	199	99.3	200	12.3	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	207	104	200	18.8	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 83.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.9 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 10/21/2022
 Reported: 10/31/2022
 Project Name: SAMANTHA 31-6
 Project Number: NONE GIVEN
 Project Location: COLGATE - EDDY COUNTY

Sampling Date: 10/21/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 20 (H224968-33)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2022	ND	2.11	106	2.00	4.85	
Toluene*	<0.050	0.050	10/28/2022	ND	2.23	112	2.00	4.79	
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.19	109	2.00	5.37	
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.49	108	6.00	4.99	
Total BTEX	<0.300	0.300	10/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.1 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/26/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	199	99.3	200	12.3	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	207	104	200	18.8	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 93.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 10/21/2022
 Reported: 10/31/2022
 Project Name: SAMANTHA 31-6
 Project Number: NONE GIVEN
 Project Location: COLGATE - EDDY COUNTY

Sampling Date: 10/21/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 21 (H224968-34)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2022	ND	2.11	106	2.00	4.85	
Toluene*	<0.050	0.050	10/28/2022	ND	2.23	112	2.00	4.79	
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.19	109	2.00	5.37	
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.49	108	6.00	4.99	
Total BTEx	<0.300	0.300	10/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/26/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	199	99.3	200	12.3	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	207	104	200	18.8	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 91.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 105 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 10/21/2022
 Reported: 10/31/2022
 Project Name: SAMANTHA 31-6
 Project Number: NONE GIVEN
 Project Location: COLGATE - EDDY COUNTY

Sampling Date: 10/21/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 22 (H224968-35)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2022	ND	2.11	106	2.00	4.85	
Toluene*	<0.050	0.050	10/28/2022	ND	2.23	112	2.00	4.79	
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.19	109	2.00	5.37	
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.49	108	6.00	4.99	
Total BTX	<0.300	0.300	10/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/26/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	199	99.3	200	12.3	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	207	104	200	18.8	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 83.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.2 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 10/21/2022
 Reported: 10/31/2022
 Project Name: SAMANTHA 31-6
 Project Number: NONE GIVEN
 Project Location: COLGATE - EDDY COUNTY

Sampling Date: 10/21/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 23 (H224968-36)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2022	ND	2.11	106	2.00	4.85		
Toluene*	<0.050	0.050	10/28/2022	ND	2.23	112	2.00	4.79		
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.19	109	2.00	5.37		
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.49	108	6.00	4.99		
Total BTEx	<0.300	0.300	10/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/26/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	199	99.3	200	12.3	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	207	104	200	18.8	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 79.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.1 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 10/21/2022
 Reported: 10/31/2022
 Project Name: SAMANTHA 31-6
 Project Number: NONE GIVEN
 Project Location: COLGATE - EDDY COUNTY

Sampling Date: 10/21/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 24 (H224968-37)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2022	ND	2.11	106	2.00	4.85	
Toluene*	<0.050	0.050	10/28/2022	ND	2.23	112	2.00	4.79	
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.19	109	2.00	5.37	
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.49	108	6.00	4.99	
Total BTX	<0.300	0.300	10/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/26/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	199	99.3	200	12.3	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	207	104	200	18.8	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 80.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.1 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 10/21/2022
 Reported: 10/31/2022
 Project Name: SAMANTHA 31-6
 Project Number: NONE GIVEN
 Project Location: COLGATE - EDDY COUNTY

Sampling Date: 10/21/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 25 (H224968-38)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2022	ND	2.11	106	2.00	4.85		
Toluene*	<0.050	0.050	10/28/2022	ND	2.23	112	2.00	4.79		
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.19	109	2.00	5.37		
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.49	108	6.00	4.99		
Total BTEx	<0.300	0.300	10/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	10/26/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	199	99.3	200	12.3	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	207	104	200	18.8	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 67.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 77.9 % 46.3-178

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Notes and Definitions

QR-04	The RPD for the BS/BSD was outside of historical limits.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "C. D. Keene", written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: NTGE Project Manager: Ethan Sassums Address: 402 E Wood Ave City: Carlsbad State: NM Zip: 88220 Phone #: 254-266-5486 Fax #: Project #: Project Owner: Colgate Project Name: Samantha Zi-6 Project Location: Eddy County Sampler Name: Tyler Kimball				BILL TO P.O. #: Company: Attn: Address: City: State: Zip: Phone #: Fax #:				ANALYSIS REQUEST			
FOR LAB USE ONLY											
Lab I.D. H324108	Sample I.D. (CS-23(3)) (CS-24(3)) (CS-25(3)) (CS-26(3)) (CS-27(3)) (CS-28(3)) (CS-30(3)) (CS-32(3)) (CS-34(3)) (CS-35(3))	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER ACID/BASE ICE / COOL OTHER	MATRIX PRESERV	DATE 10/21 TIME 10am	TPH BTEX Chlorides						
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Relinquished By: [Signature]				Received By: [Signature]							
Relinquished By: [Signature]				Received By: [Signature]							
Time: 2:15				Time: 2:15							
Delivered By: (Circle One)				Observed Temp. °C: 25.0							
Sampler - UPS - Bus - Other:				Corrected Temp. °C: 25.0							
Turnaround Time:				Standard ☒ Rush ☐							
Thermometer ID #113				Bacteria (only) ☐ Sample Condition ☐							
Correction Factor -0.8°C				Corrected Temp. °C:							
REMARKS:											
Verbal Result: ☐ Yes ☐ No Add'l Phone #:											
All Results are emailed. Please provide Email address:											

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: NTGE Project Manager: Ethan Sassums Address: 402 E Wood Ave City: Carlisle State: ALA Zip: 36220 Phone #: 254-266-5486 Fax #: Project #: Project Name: Samanthra 31-6 Project Location: Eddy County Sampler Name: Tyler Campbell				P.O. #: Company: Attn: Address: City: State: Zip: Phone #: Fax #:			
Lab I.D. 1524928		Sample I.D. 5W-18 5W-19 5W-20 5W-21 5W-22 5W-23 5W-24 SW-25		(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER ACID/BASE ICE / COOL OTHER		MATRIX PRESERV SAMPLING	
Relinquished By: [Signature]		Date: 10-22 Time: 2:15 Date: Time:		Received By: [Signature]		DATE TIME 10/21 10am	
Relinquished By: [Signature]		Date: 10-22 Time: 2:15 Date: Time:		Received By: [Signature]		DATE TIME 10/21 10am	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Observed Temp. °C 35.0°C Corrected Temp. °C 35.0°C		Sample Condition Cool Intact ☒ Yes ☐ No		CHECKED BY: [Signature]	
Turnaround Time: Standard ☒ Rush ☐		Thermometer ID #113 Correction Factor -0.8°C		Bacteria (only) Sample Condition Cool Intact ☐ Yes ☐ No		Corrected Temp. °C	



Environment Testing America

ANALYTICAL REPORT

Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Tel: (575)988-3199

Laboratory Job ID: 890-2953-1

Laboratory Sample Delivery Group: 225995

Client Project/Site: Samantha 31 6 Fed Com 1H

For:

NT Global
701 Tradewinds Blvd
Midland, Texas 79706

Attn: Ethan Sessums

Authorized for release by:

9/27/2022 9:18:49 AM

Jessica Kramer, Project Manager
(432)704-5440

Jessica.Kramer@et.eurofinsus.com

LINKS

Review your project
results through



Have a Question?



Visit us at:

www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: NT Global
Project/Site: Samantha 31 6 Fed Com 1H

Laboratory Job ID: 890-2953-1
SDG: 225995

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Definitions/Glossary

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

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

Glossary

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

Eurofins Carlsbad

Definitions/Glossary

Client: NT Global
Project/Site: Samantha 31 6 Fed Com 1H

Job ID: 890-2953-1
SDG: 225995

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TNTC	Too Numerous To Count

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Case Narrative

Client: NT Global
Project/Site: Samantha 31 6 Fed Com 1H

Job ID: 890-2953-1
SDG: 225995

Job ID: 890-2953-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative
890-2953-1

Receipt

The samples were received on 9/14/2022 9:18 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.0°C

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-35193 and analytical batch 880-35231 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: (LCS 880-35190/1-A) and (LCSD 880-35190/2-A). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SW-1 (890-2953-1), SW-2 (890-2953-2), SW-3 (890-2953-3), SW-4 (890-2953-4), SW-5 (890-2953-5), SW-6 (890-2953-6), SW-7 (890-2953-7), SW-8 (890-2953-8), SW-9 (890-2953-9) and SW-10 (890-2953-10). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SW-11 (890-2953-11), CS-1 (890-2953-12), CS-2 (890-2953-13), CS-3 (890-2953-14), CS-4 (890-2953-15), CS-5 (890-2953-16), CS-6 (890-2953-17), CS-7 (890-2953-18) and CS-8 (890-2953-19). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-35192 and analytical batch 880-35327 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (890-2953-A-61-E MS). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: CS-56 (890-2953-67). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-35198 and analytical batch 880-35227 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (LCSD 880-35334/2-A). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following samples were outside control limits: (890-2953-A-23-D MS) and (890-2953-A-23-E MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: CS-12 (890-2953-23). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: CS-14 (890-2953-25), CS-15 (890-2953-26), CS-16 (890-2953-27), CS-17 (890-2953-28), CS-18 (890-2953-29), CS-19 (890-2953-30), CS-20 (890-2953-31) and CS-21 (890-2953-32). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: CS-22 (890-2953-33), CS-23 (890-2953-34), CS-24 (890-2953-35), CS-25 (890-2953-36), CS-26 (890-2953-37), CS-27 (890-2953-38), CS-28 (890-2953-39), CS-29 (890-2953-40)

Case Narrative

Client: NT Global
Project/Site: Samantha 31 6 Fed Com 1H

Job ID: 890-2953-1
SDG: 225995

Job ID: 890-2953-1 (Continued)**Laboratory: Eurofins Carlsbad (Continued)**

and CS-40 (890-2953-51). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-35335 and analytical batch 880-35348 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: CS-10 (890-2953-21) and CS-11 (890-2953-22). 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.

GC Semi VOA

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-34675 and analytical batch 880-34626 was outside the upper control limits.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-34633 and analytical batch 880-34628 was outside the upper control limits.

Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-34601 and analytical batch 880-34628 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10.

Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-34633 and analytical batch 880-34628 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10 and Diesel Range Organics (Over C10-C28).

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-34633 and analytical batch 880-34628 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS-30 (890-2953-41), CS-31 (890-2953-42), (890-2953-A-41-E MS) and (890-2953-A-41-F MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: CS-46 (890-2953-57). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-34648 and analytical batch 880-34707 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8015MOD_NM: The method blank for preparation batch 880-34600 and analytical batch 880-34707 contained Gasoline Range Organics (GRO)-C6-C10 and Oil Range Organics (Over C28-C36) above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-34600 and analytical batch 880-34707 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-34601/2-A). Evidence of matrix interferences is not obvious.

Case Narrative

Client: NT Global
Project/Site: Samantha 31 6 Fed Com 1H

Job ID: 890-2953-1
SDG: 225995

Job ID: 890-2953-1 (Continued)

Laboratory: Eurofins Carlsbad (Continued)

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-34601 and analytical batch 880-34628 was outside the upper control limits.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 880-34632 and analytical batch 880-34705 was outside control limits. Sample non-homogeneity is suspected.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (890-2953-A-1-E MS). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-34632 and analytical batch 880-34705 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (890-2976-A-1-C MS). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis 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 Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: SW-1

Lab Sample ID: 890-2953-1

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/22/22 15:18	09/23/22 22:24	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/22/22 15:18	09/23/22 22:24	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/22/22 15:18	09/23/22 22:24	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/22/22 15:18	09/23/22 22:24	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/22/22 15:18	09/23/22 22:24	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/22/22 15:18	09/23/22 22:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	150	S1+	70 - 130	09/22/22 15:18	09/23/22 22:24	1
1,4-Difluorobenzene (Surr)	110		70 - 130	09/22/22 15:18	09/23/22 22:24	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/26/22 12:34	1

Method: 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			09/19/22 11:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F2	49.9		mg/Kg		09/16/22 08:49	09/17/22 11:23	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/16/22 08:49	09/17/22 11:23	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/16/22 08:49	09/17/22 11:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130	09/16/22 08:49	09/17/22 11:23	1
o-Terphenyl	103		70 - 130	09/16/22 08:49	09/17/22 11:23	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	103		5.05		mg/Kg			09/20/22 09:44	1

Client Sample ID: SW-2

Lab Sample ID: 890-2953-2

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/22/22 15:18	09/23/22 22:45	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/22/22 15:18	09/23/22 22:45	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/22/22 15:18	09/23/22 22:45	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/22/22 15:18	09/23/22 22:45	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/22/22 15:18	09/23/22 22:45	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/22/22 15:18	09/23/22 22:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	146	S1+	70 - 130	09/22/22 15:18	09/23/22 22:45	1
1,4-Difluorobenzene (Surr)	92		70 - 130	09/22/22 15:18	09/23/22 22:45	1

Eurofins Carlsbad

Client Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: SW-2

Lab Sample ID: 890-2953-2

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 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			09/26/22 12:34	1

Method: 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			09/19/22 11:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/16/22 08:49	09/17/22 12:29	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/16/22 08:49	09/17/22 12:29	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/16/22 08:49	09/17/22 12:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				09/16/22 08:49	09/17/22 12:29	1
o-Terphenyl	78		70 - 130				09/16/22 08:49	09/17/22 12:29	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	568		4.19		mg/Kg			09/20/22 09:58	1

Client Sample ID: SW-3

Lab Sample ID: 890-2953-3

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/22/22 15:18	09/23/22 23:05	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/22/22 15:18	09/23/22 23:05	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/22/22 15:18	09/23/22 23:05	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/22/22 15:18	09/23/22 23:05	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/22/22 15:18	09/23/22 23:05	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/22/22 15:18	09/23/22 23:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	163	S1+	70 - 130				09/22/22 15:18	09/23/22 23:05	1
1,4-Difluorobenzene (Surr)	113		70 - 130				09/22/22 15:18	09/23/22 23:05	1

Method: 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			09/26/22 12:34	1

Method: 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			09/19/22 11:13	1

Method: 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		09/16/22 08:49	09/17/22 12:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/16/22 08:49	09/17/22 12:50	1

Eurofins Carlsbad

Client Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: SW-3

Lab Sample ID: 890-2953-3

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 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		09/16/22 08:49	09/17/22 12:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				09/16/22 08:49	09/17/22 12:50	1
o-Terphenyl	98		70 - 130				09/16/22 08:49	09/17/22 12:50	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	50.9		4.97		mg/Kg			09/20/22 10:03	1

Client Sample ID: SW-4

Lab Sample ID: 890-2953-4

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:18	09/23/22 23:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:18	09/23/22 23:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:18	09/23/22 23:26	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/22/22 15:18	09/23/22 23:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:18	09/23/22 23:26	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/22/22 15:18	09/23/22 23:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	147	S1+	70 - 130				09/22/22 15:18	09/23/22 23:26	1
1,4-Difluorobenzene (Surr)	96		70 - 130				09/22/22 15:18	09/23/22 23:26	1

Method: 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			09/26/22 12:34	1

Method: 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			09/19/22 11:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/16/22 08:49	09/17/22 13:12	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/16/22 08:49	09/17/22 13:12	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/16/22 08:49	09/17/22 13:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				09/16/22 08:49	09/17/22 13:12	1
o-Terphenyl	97		70 - 130				09/16/22 08:49	09/17/22 13:12	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	37.7		4.99		mg/Kg			09/20/22 10:08	1

Eurofins Carlsbad

Client Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: SW-5

Lab Sample ID: 890-2953-5

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/22/22 15:18	09/23/22 23:47	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/22/22 15:18	09/23/22 23:47	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/22/22 15:18	09/23/22 23:47	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/22/22 15:18	09/23/22 23:47	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/22/22 15:18	09/23/22 23:47	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/22/22 15:18	09/23/22 23:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	163	S1+	70 - 130	09/22/22 15:18	09/23/22 23:47	1
1,4-Difluorobenzene (Surr)	109		70 - 130	09/22/22 15:18	09/23/22 23:47	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/26/22 12:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	51.1		50.0		mg/Kg			09/19/22 11:13	1

Method: 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		09/16/22 08:49	09/17/22 13:34	1
Diesel Range Organics (Over C10-C28)	51.1		50.0		mg/Kg		09/16/22 08:49	09/17/22 13:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/16/22 08:49	09/17/22 13:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130	09/16/22 08:49	09/17/22 13:34	1
o-Terphenyl	100		70 - 130	09/16/22 08:49	09/17/22 13:34	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	521		5.00		mg/Kg			09/20/22 10:13	1

Client Sample ID: SW-6

Lab Sample ID: 890-2953-6

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:18	09/24/22 00:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:18	09/24/22 00:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:18	09/24/22 00:07	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/22/22 15:18	09/24/22 00:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:18	09/24/22 00:07	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/22/22 15:18	09/24/22 00:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	155	S1+	70 - 130	09/22/22 15:18	09/24/22 00:07	1
1,4-Difluorobenzene (Surr)	100		70 - 130	09/22/22 15:18	09/24/22 00:07	1

Eurofins Carlsbad

Client Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: SW-6

Lab Sample ID: 890-2953-6

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 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			09/26/22 12:34	1

Method: 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			09/19/22 11:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/16/22 08:49	09/17/22 13:55	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/16/22 08:49	09/17/22 13:55	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/16/22 08:49	09/17/22 13:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				09/16/22 08:49	09/17/22 13:55	1
o-Terphenyl	99		70 - 130				09/16/22 08:49	09/17/22 13:55	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	38.2		5.00		mg/Kg			09/20/22 10:27	1

Client Sample ID: SW-7

Lab Sample ID: 890-2953-7

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/22/22 15:18	09/24/22 00:28	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/22/22 15:18	09/24/22 00:28	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/22/22 15:18	09/24/22 00:28	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/22/22 15:18	09/24/22 00:28	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/22/22 15:18	09/24/22 00:28	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/22/22 15:18	09/24/22 00:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	151	S1+	70 - 130				09/22/22 15:18	09/24/22 00:28	1
1,4-Difluorobenzene (Surr)	96		70 - 130				09/22/22 15:18	09/24/22 00:28	1

Method: 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			09/26/22 12:34	1

Method: 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			09/19/22 11:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/16/22 08:49	09/17/22 14:17	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/16/22 08:49	09/17/22 14:17	1

Eurofins Carlsbad

Client Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: SW-7

Lab Sample ID: 890-2953-7

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 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)	<49.9	U	49.9		mg/Kg		09/16/22 08:49	09/17/22 14:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				09/16/22 08:49	09/17/22 14:17	1
o-Terphenyl	95		70 - 130				09/16/22 08:49	09/17/22 14:17	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	48.4		5.00		mg/Kg			09/20/22 10:32	1

Client Sample ID: SW-8

Lab Sample ID: 890-2953-8

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:18	09/24/22 00:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:18	09/24/22 00:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:18	09/24/22 00:49	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/22/22 15:18	09/24/22 00:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:18	09/24/22 00:49	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/22/22 15:18	09/24/22 00:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	156	S1+	70 - 130				09/22/22 15:18	09/24/22 00:49	1
1,4-Difluorobenzene (Surr)	110		70 - 130				09/22/22 15:18	09/24/22 00:49	1

Method: 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			09/26/22 12:34	1

Method: 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			09/19/22 11:13	1

Method: 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		09/16/22 08:49	09/17/22 14:38	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/16/22 08:49	09/17/22 14:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/16/22 08:49	09/17/22 14:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				09/16/22 08:49	09/17/22 14:38	1
o-Terphenyl	90		70 - 130				09/16/22 08:49	09/17/22 14:38	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	200		5.01		mg/Kg			09/20/22 10:37	1

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Client Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: SW-9

Lab Sample ID: 890-2953-9

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:18	09/24/22 01:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:18	09/24/22 01:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:18	09/24/22 01:09	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/22/22 15:18	09/24/22 01:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:18	09/24/22 01:09	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/22/22 15:18	09/24/22 01:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	174	S1+	70 - 130	09/22/22 15:18	09/24/22 01:09	1
1,4-Difluorobenzene (Surr)	106		70 - 130	09/22/22 15:18	09/24/22 01:09	1

Method: 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			09/26/22 12:34	1

Method: 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			09/19/22 11:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/16/22 08:49	09/17/22 15:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/16/22 08:49	09/17/22 15:00	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/16/22 08:49	09/17/22 15:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130	09/16/22 08:49	09/17/22 15:00	1
o-Terphenyl	88		70 - 130	09/16/22 08:49	09/17/22 15:00	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	36.9		5.02		mg/Kg			09/20/22 10:42	1

Client Sample ID: SW-10

Lab Sample ID: 890-2953-10

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/22/22 15:18	09/24/22 01:30	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/22/22 15:18	09/24/22 01:30	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/22/22 15:18	09/24/22 01:30	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/22/22 15:18	09/24/22 01:30	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/22/22 15:18	09/24/22 01:30	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/22/22 15:18	09/24/22 01:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	160	S1+	70 - 130	09/22/22 15:18	09/24/22 01:30	1
1,4-Difluorobenzene (Surr)	106		70 - 130	09/22/22 15:18	09/24/22 01:30	1

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Client Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: SW-10

Lab Sample ID: 890-2953-10

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 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			09/26/22 12:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/19/22 11:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/16/22 08:49	09/17/22 15:21	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/16/22 08:49	09/17/22 15:21	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/16/22 08:49	09/17/22 15:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130				09/16/22 08:49	09/17/22 15:21	1
o-Terphenyl	111		70 - 130				09/16/22 08:49	09/17/22 15:21	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	50.9		4.97		mg/Kg			09/20/22 10:47	1

Client Sample ID: SW-11

Lab Sample ID: 890-2953-11

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:18	09/24/22 02:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:18	09/24/22 02:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:18	09/24/22 02:54	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/22/22 15:18	09/24/22 02:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:18	09/24/22 02:54	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/22/22 15:18	09/24/22 02:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	148	S1+	70 - 130				09/22/22 15:18	09/24/22 02:54	1
1,4-Difluorobenzene (Surr)	99		70 - 130				09/22/22 15:18	09/24/22 02:54	1

Method: 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			09/26/22 12:34	1

Method: 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			09/19/22 11:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/16/22 08:49	09/17/22 16:05	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/16/22 08:49	09/17/22 16:05	1

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Client Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: SW-11

Lab Sample ID: 890-2953-11

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 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)	<49.9	U	49.9		mg/Kg		09/16/22 08:49	09/17/22 16:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				09/16/22 08:49	09/17/22 16:05	1
o-Terphenyl	93		70 - 130				09/16/22 08:49	09/17/22 16:05	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.8		4.98		mg/Kg			09/20/22 10:52	1

Client Sample ID: CS-1

Lab Sample ID: 890-2953-12

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:18	09/24/22 03:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:18	09/24/22 03:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:18	09/24/22 03:15	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/22/22 15:18	09/24/22 03:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:18	09/24/22 03:15	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/22/22 15:18	09/24/22 03:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	165	S1+	70 - 130				09/22/22 15:18	09/24/22 03:15	1
1,4-Difluorobenzene (Surr)	110		70 - 130				09/22/22 15:18	09/24/22 03:15	1

Method: 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			09/26/22 12:34	1

Method: 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			09/19/22 11:13	1

Method: 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		09/16/22 08:49	09/17/22 16:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/16/22 08:49	09/17/22 16:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/16/22 08:49	09/17/22 16:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130				09/16/22 08:49	09/17/22 16:26	1
o-Terphenyl	109		70 - 130				09/16/22 08:49	09/17/22 16:26	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	119		4.99		mg/Kg			09/20/22 11:06	1

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Client Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: CS-2

Lab Sample ID: 890-2953-13

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		09/22/22 15:18	09/24/22 03:35	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/22/22 15:18	09/24/22 03:35	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/22/22 15:18	09/24/22 03:35	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		09/22/22 15:18	09/24/22 03:35	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/22/22 15:18	09/24/22 03:35	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		09/22/22 15:18	09/24/22 03:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130	09/22/22 15:18	09/24/22 03:35	1
1,4-Difluorobenzene (Surr)	92		70 - 130	09/22/22 15:18	09/24/22 03:35	1

Method: 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			09/26/22 12:34	1

Method: 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			09/19/22 11:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/16/22 08:49	09/17/22 16:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/16/22 08:49	09/17/22 16:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/16/22 08:49	09/17/22 16:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130	09/16/22 08:49	09/17/22 16:48	1
o-Terphenyl	86		70 - 130	09/16/22 08:49	09/17/22 16:48	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	172		5.04		mg/Kg			09/20/22 11:11	1

Client Sample ID: CS-3

Lab Sample ID: 890-2953-14

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/22/22 15:18	09/24/22 03:56	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/22/22 15:18	09/24/22 03:56	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/22/22 15:18	09/24/22 03:56	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/22/22 15:18	09/24/22 03:56	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/22/22 15:18	09/24/22 03:56	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/22/22 15:18	09/24/22 03:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	163	S1+	70 - 130	09/22/22 15:18	09/24/22 03:56	1
1,4-Difluorobenzene (Surr)	111		70 - 130	09/22/22 15:18	09/24/22 03:56	1

Eurofins Carlsbad

Client Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: CS-3

Lab Sample ID: 890-2953-14

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/26/22 12:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	215		49.9		mg/Kg			09/19/22 11:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/16/22 08:49	09/17/22 17:10	1
Diesel Range Organics (Over C10-C28)	215		49.9		mg/Kg		09/16/22 08:49	09/17/22 17:10	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/16/22 08:49	09/17/22 17:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				09/16/22 08:49	09/17/22 17:10	1
o-Terphenyl	95		70 - 130				09/16/22 08:49	09/17/22 17:10	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	206		5.01		mg/Kg			09/20/22 11:26	1

Client Sample ID: CS-4

Lab Sample ID: 890-2953-15

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		09/22/22 15:18	09/24/22 04:17	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/22/22 15:18	09/24/22 04:17	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/22/22 15:18	09/24/22 04:17	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		09/22/22 15:18	09/24/22 04:17	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/22/22 15:18	09/24/22 04:17	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		09/22/22 15:18	09/24/22 04:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	172	S1+	70 - 130				09/22/22 15:18	09/24/22 04:17	1
1,4-Difluorobenzene (Surr)	100		70 - 130				09/22/22 15:18	09/24/22 04:17	1

Method: 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			09/26/22 12:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	64.6		50.0		mg/Kg			09/19/22 11:13	1

Method: 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		09/16/22 08:49	09/17/22 17:32	1
Diesel Range Organics (Over C10-C28)	64.6		50.0		mg/Kg		09/16/22 08:49	09/17/22 17:32	1

Eurofins Carlsbad

Client Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: CS-4

Lab Sample ID: 890-2953-15

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 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		09/16/22 08:49	09/17/22 17:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				09/16/22 08:49	09/17/22 17:32	1
o-Terphenyl	98		70 - 130				09/16/22 08:49	09/17/22 17:32	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	120		5.03		mg/Kg			09/20/22 11:31	1

Client Sample ID: CS-5

Lab Sample ID: 890-2953-16

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/22/22 15:18	09/24/22 04:38	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/22/22 15:18	09/24/22 04:38	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/22/22 15:18	09/24/22 04:38	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/22/22 15:18	09/24/22 04:38	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/22/22 15:18	09/24/22 04:38	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/22/22 15:18	09/24/22 04:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	169	S1+	70 - 130				09/22/22 15:18	09/24/22 04:38	1
1,4-Difluorobenzene (Surr)	106		70 - 130				09/22/22 15:18	09/24/22 04:38	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/26/22 12:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	108		50.0		mg/Kg			09/19/22 11:13	1

Method: 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		09/16/22 08:49	09/17/22 17:53	1
Diesel Range Organics (Over C10-C28)	108		50.0		mg/Kg		09/16/22 08:49	09/17/22 17:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/16/22 08:49	09/17/22 17:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				09/16/22 08:49	09/17/22 17:53	1
o-Terphenyl	83		70 - 130				09/16/22 08:49	09/17/22 17:53	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	203		5.00		mg/Kg			09/20/22 11:36	1

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Client Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: CS-6

Lab Sample ID: 890-2953-17

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:18	09/24/22 04:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:18	09/24/22 04:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:18	09/24/22 04:58	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/22/22 15:18	09/24/22 04:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:18	09/24/22 04:58	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/22/22 15:18	09/24/22 04:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	163	S1+	70 - 130	09/22/22 15:18	09/24/22 04:58	1
1,4-Difluorobenzene (Surr)	106		70 - 130	09/22/22 15:18	09/24/22 04:58	1

Method: 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			09/26/22 12:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	86.6		50.0		mg/Kg			09/19/22 11:13	1

Method: 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		09/16/22 08:49	09/17/22 18:15	1
Diesel Range Organics (Over C10-C28)	86.6		50.0		mg/Kg		09/16/22 08:49	09/17/22 18:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/16/22 08:49	09/17/22 18:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130	09/16/22 08:49	09/17/22 18:15	1
o-Terphenyl	87		70 - 130	09/16/22 08:49	09/17/22 18:15	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	221		4.98		mg/Kg			09/20/22 11:40	1

Client Sample ID: CS-7

Lab Sample ID: 890-2953-18

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/22/22 15:18	09/24/22 05:19	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/22/22 15:18	09/24/22 05:19	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/22/22 15:18	09/24/22 05:19	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/22/22 15:18	09/24/22 05:19	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/22/22 15:18	09/24/22 05:19	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/22/22 15:18	09/24/22 05:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	159	S1+	70 - 130	09/22/22 15:18	09/24/22 05:19	1
1,4-Difluorobenzene (Surr)	108		70 - 130	09/22/22 15:18	09/24/22 05:19	1

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Client Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: CS-7

Lab Sample ID: 890-2953-18

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 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			09/26/22 12:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	141		49.9		mg/Kg			09/19/22 11:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/16/22 08:49	09/17/22 18:37	1
Diesel Range Organics (Over C10-C28)	141		49.9		mg/Kg		09/16/22 08:49	09/17/22 18:37	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/16/22 08:49	09/17/22 18:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				09/16/22 08:49	09/17/22 18:37	1
o-Terphenyl	93		70 - 130				09/16/22 08:49	09/17/22 18:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	274		5.03		mg/Kg			09/20/22 11:45	1

Client Sample ID: CS-8

Lab Sample ID: 890-2953-19

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/22/22 15:18	09/24/22 05:40	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/22/22 15:18	09/24/22 05:40	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/22/22 15:18	09/24/22 05:40	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/22/22 15:18	09/24/22 05:40	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/22/22 15:18	09/24/22 05:40	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/22/22 15:18	09/24/22 05:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	154	S1+	70 - 130				09/22/22 15:18	09/24/22 05:40	1
1,4-Difluorobenzene (Surr)	110		70 - 130				09/22/22 15:18	09/24/22 05:40	1

Method: 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			09/26/22 12:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	189		50.0		mg/Kg			09/19/22 11:13	1

Method: 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		09/16/22 08:49	09/17/22 18:58	1
Diesel Range Organics (Over C10-C28)	189		50.0		mg/Kg		09/16/22 08:49	09/17/22 18:58	1

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Client Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: CS-8

Lab Sample ID: 890-2953-19

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 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		09/16/22 08:49	09/17/22 18:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				09/16/22 08:49	09/17/22 18:58	1
o-Terphenyl	96		70 - 130				09/16/22 08:49	09/17/22 18:58	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	156		5.02		mg/Kg			09/20/22 11:50	1

Client Sample ID: CS-9

Lab Sample ID: 890-2953-20

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:18	09/24/22 06:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:18	09/24/22 06:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:18	09/24/22 06:00	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/22/22 15:18	09/24/22 06:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:18	09/24/22 06:00	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/22/22 15:18	09/24/22 06:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				09/22/22 15:18	09/24/22 06:00	1
1,4-Difluorobenzene (Surr)	72		70 - 130				09/22/22 15:18	09/24/22 06:00	1

Method: 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			09/26/22 12:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	119		49.9		mg/Kg			09/19/22 11:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/16/22 08:49	09/17/22 19:20	1
Diesel Range Organics (Over C10-C28)	119		49.9		mg/Kg		09/16/22 08:49	09/17/22 19:20	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/16/22 08:49	09/17/22 19:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				09/16/22 08:49	09/17/22 19:20	1
o-Terphenyl	83		70 - 130				09/16/22 08:49	09/17/22 19:20	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	187		5.00		mg/Kg			09/20/22 11:55	1

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Client Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: CS-10

Lab Sample ID: 890-2953-21

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U F1 F2	0.00201		mg/Kg		09/22/22 15:21	09/24/22 15:04	1
Toluene	<0.00201	U F1 F2	0.00201		mg/Kg		09/22/22 15:21	09/24/22 15:04	1
Ethylbenzene	<0.00201	U F1 F2	0.00201		mg/Kg		09/22/22 15:21	09/24/22 15:04	1
m-Xylene & p-Xylene	<0.00402	U F1 F2	0.00402		mg/Kg		09/22/22 15:21	09/24/22 15:04	1
o-Xylene	<0.00201	U F1 F2	0.00201		mg/Kg		09/22/22 15:21	09/24/22 15:04	1
Xylenes, Total	<0.00402	U F1 F2	0.00402		mg/Kg		09/22/22 15:21	09/24/22 15:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	152	S1+	70 - 130	09/22/22 15:21	09/24/22 15:04	1
1,4-Difluorobenzene (Surr)	103		70 - 130	09/22/22 15:21	09/24/22 15:04	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/26/22 12:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	103		49.9		mg/Kg			09/19/22 11:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1 F1	49.9		mg/Kg		09/16/22 08:52	09/16/22 18:53	1
Diesel Range Organics (Over C10-C28)	103	*1 F1	49.9		mg/Kg		09/16/22 08:52	09/16/22 18:53	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/16/22 08:52	09/16/22 18:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130	09/16/22 08:52	09/16/22 18:53	1
o-Terphenyl	93		70 - 130	09/16/22 08:52	09/16/22 18:53	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	319		5.05		mg/Kg			09/20/22 13:22	1

Client Sample ID: CS-11

Lab Sample ID: 890-2953-22

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/22/22 15:21	09/24/22 15:25	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/22/22 15:21	09/24/22 15:25	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/22/22 15:21	09/24/22 15:25	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/22/22 15:21	09/24/22 15:25	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/22/22 15:21	09/24/22 15:25	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/22/22 15:21	09/24/22 15:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	160	S1+	70 - 130	09/22/22 15:21	09/24/22 15:25	1
1,4-Difluorobenzene (Surr)	103		70 - 130	09/22/22 15:21	09/24/22 15:25	1

Eurofins Carlsbad

Client Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: CS-11

Lab Sample ID: 890-2953-22

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 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			09/26/22 12:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	88.0		49.9		mg/Kg			09/19/22 11:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		09/16/22 08:52	09/16/22 19:58	1
Diesel Range Organics (Over C10-C28)	88.0	*1	49.9		mg/Kg		09/16/22 08:52	09/16/22 19:58	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/16/22 08:52	09/16/22 19:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				09/16/22 08:52	09/16/22 19:58	1
o-Terphenyl	101		70 - 130				09/16/22 08:52	09/16/22 19:58	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	117		4.97		mg/Kg			09/20/22 13:37	1

Client Sample ID: CS-12

Lab Sample ID: 890-2953-23

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		09/25/22 12:10	09/25/22 14:59	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/25/22 12:10	09/25/22 14:59	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/25/22 12:10	09/25/22 14:59	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		09/25/22 12:10	09/25/22 14:59	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/25/22 12:10	09/25/22 14:59	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		09/25/22 12:10	09/25/22 14:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	132	S1+	70 - 130				09/25/22 12:10	09/25/22 14:59	1
1,4-Difluorobenzene (Surr)	96		70 - 130				09/25/22 12:10	09/25/22 14:59	1

Method: 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			09/26/22 12:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	69.0		50.0		mg/Kg			09/19/22 11:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		09/16/22 08:52	09/16/22 20:19	1
Diesel Range Organics (Over C10-C28)	69.0	*1	50.0		mg/Kg		09/16/22 08:52	09/16/22 20:19	1

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Client Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: CS-12

Lab Sample ID: 890-2953-23

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 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		09/16/22 08:52	09/16/22 20:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				09/16/22 08:52	09/16/22 20:19	1
o-Terphenyl	91		70 - 130				09/16/22 08:52	09/16/22 20:19	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	112		4.96		mg/Kg			09/20/22 13:42	1

Client Sample ID: CS-13

Lab Sample ID: 890-2953-24

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/25/22 12:10	09/25/22 15:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/25/22 12:10	09/25/22 15:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/25/22 12:10	09/25/22 15:20	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/25/22 12:10	09/25/22 15:20	1
o-Xylene	0.00307		0.00200		mg/Kg		09/25/22 12:10	09/25/22 15:20	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/25/22 12:10	09/25/22 15:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130				09/25/22 12:10	09/25/22 15:20	1
1,4-Difluorobenzene (Surr)	86		70 - 130				09/25/22 12:10	09/25/22 15:20	1

Method: 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			09/26/22 12:34	1

Method: 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			09/19/22 11:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		09/16/22 08:52	09/16/22 20:40	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		09/16/22 08:52	09/16/22 20:40	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/16/22 08:52	09/16/22 20:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130				09/16/22 08:52	09/16/22 20:40	1
o-Terphenyl	87		70 - 130				09/16/22 08:52	09/16/22 20:40	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	166		4.96		mg/Kg			09/20/22 13:47	1

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Client Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: CS-14

Lab Sample ID: 890-2953-25

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/25/22 12:10	09/25/22 15:41	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/25/22 12:10	09/25/22 15:41	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/25/22 12:10	09/25/22 15:41	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/25/22 12:10	09/25/22 15:41	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/25/22 12:10	09/25/22 15:41	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/25/22 12:10	09/25/22 15:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	162	S1+	70 - 130	09/25/22 12:10	09/25/22 15:41	1
1,4-Difluorobenzene (Surr)	111		70 - 130	09/25/22 12:10	09/25/22 15:41	1

Method: 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			09/26/22 12:34	1

Method: 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			09/19/22 11:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		09/16/22 08:52	09/16/22 21:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		09/16/22 08:52	09/16/22 21:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/16/22 08:52	09/16/22 21:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130	09/16/22 08:52	09/16/22 21:02	1
o-Terphenyl	98		70 - 130	09/16/22 08:52	09/16/22 21:02	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	421		4.98		mg/Kg			09/20/22 13:52	1

Client Sample ID: CS-15

Lab Sample ID: 890-2953-26

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/25/22 12:10	09/25/22 16:02	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/25/22 12:10	09/25/22 16:02	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/25/22 12:10	09/25/22 16:02	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/25/22 12:10	09/25/22 16:02	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/25/22 12:10	09/25/22 16:02	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/25/22 12:10	09/25/22 16:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	160	S1+	70 - 130	09/25/22 12:10	09/25/22 16:02	1
1,4-Difluorobenzene (Surr)	110		70 - 130	09/25/22 12:10	09/25/22 16:02	1

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Client Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: CS-15

Lab Sample ID: 890-2953-26

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 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			09/26/22 12:34	1

Method: 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			09/19/22 11:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		09/16/22 08:52	09/16/22 21:23	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		09/16/22 08:52	09/16/22 21:23	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/16/22 08:52	09/16/22 21:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				09/16/22 08:52	09/16/22 21:23	1
o-Terphenyl	88		70 - 130				09/16/22 08:52	09/16/22 21:23	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	403		5.00		mg/Kg			09/20/22 14:06	1

Client Sample ID: CS-16

Lab Sample ID: 890-2953-27

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/25/22 12:10	09/25/22 16:22	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/25/22 12:10	09/25/22 16:22	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/25/22 12:10	09/25/22 16:22	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/25/22 12:10	09/25/22 16:22	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/25/22 12:10	09/25/22 16:22	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/25/22 12:10	09/25/22 16:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	164	S1+	70 - 130				09/25/22 12:10	09/25/22 16:22	1
1,4-Difluorobenzene (Surr)	111		70 - 130				09/25/22 12:10	09/25/22 16:22	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/26/22 12:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	95.1		49.9		mg/Kg			09/19/22 11:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		09/16/22 08:52	09/16/22 21:45	1
Diesel Range Organics (Over C10-C28)	95.1	*1	49.9		mg/Kg		09/16/22 08:52	09/16/22 21:45	1

Eurofins Carlsbad

Client Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: CS-16

Lab Sample ID: 890-2953-27

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 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)	<49.9	U	49.9		mg/Kg		09/16/22 08:52	09/16/22 21:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	72		70 - 130				09/16/22 08:52	09/16/22 21:45	1
o-Terphenyl	77		70 - 130				09/16/22 08:52	09/16/22 21:45	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	207		4.99		mg/Kg			09/20/22 14:11	1

Client Sample ID: CS-17

Lab Sample ID: 890-2953-28

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/25/22 12:10	09/25/22 16:43	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/25/22 12:10	09/25/22 16:43	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/25/22 12:10	09/25/22 16:43	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/25/22 12:10	09/25/22 16:43	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/25/22 12:10	09/25/22 16:43	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/25/22 12:10	09/25/22 16:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	161	S1+	70 - 130				09/25/22 12:10	09/25/22 16:43	1
1,4-Difluorobenzene (Surr)	90		70 - 130				09/25/22 12:10	09/25/22 16:43	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/26/22 12:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	75.9		50.0		mg/Kg			09/19/22 11:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		09/16/22 08:52	09/16/22 22:06	1
Diesel Range Organics (Over C10-C28)	75.9	*1	50.0		mg/Kg		09/16/22 08:52	09/16/22 22:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/16/22 08:52	09/16/22 22:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				09/16/22 08:52	09/16/22 22:06	1
o-Terphenyl	77		70 - 130				09/16/22 08:52	09/16/22 22:06	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	326		5.02		mg/Kg			09/20/22 14:16	1

Eurofins Carlsbad

Client Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: CS-18

Lab Sample ID: 890-2953-29

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/25/22 12:10	09/25/22 17:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/25/22 12:10	09/25/22 17:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/25/22 12:10	09/25/22 17:04	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/25/22 12:10	09/25/22 17:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/25/22 12:10	09/25/22 17:04	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/25/22 12:10	09/25/22 17:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	168	S1+	70 - 130	09/25/22 12:10	09/25/22 17:04	1
1,4-Difluorobenzene (Surr)	112		70 - 130	09/25/22 12:10	09/25/22 17:04	1

Method: 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			09/26/22 12:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	175		49.9		mg/Kg			09/19/22 11:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		09/16/22 08:52	09/16/22 22:28	1
Diesel Range Organics (Over C10-C28)	175	*1	49.9		mg/Kg		09/16/22 08:52	09/16/22 22:28	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/16/22 08:52	09/16/22 22:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130	09/16/22 08:52	09/16/22 22:28	1
o-Terphenyl	89		70 - 130	09/16/22 08:52	09/16/22 22:28	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	184		5.04		mg/Kg			09/20/22 14:21	1

Client Sample ID: CS-19

Lab Sample ID: 890-2953-30

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/25/22 12:10	09/25/22 17:25	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/25/22 12:10	09/25/22 17:25	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/25/22 12:10	09/25/22 17:25	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/25/22 12:10	09/25/22 17:25	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/25/22 12:10	09/25/22 17:25	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/25/22 12:10	09/25/22 17:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	164	S1+	70 - 130	09/25/22 12:10	09/25/22 17:25	1
1,4-Difluorobenzene (Surr)	111		70 - 130	09/25/22 12:10	09/25/22 17:25	1

Eurofins Carlsbad

Client Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: CS-19

Lab Sample ID: 890-2953-30

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 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			09/26/22 12:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	86.3		49.8		mg/Kg			09/19/22 11:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *1	49.8		mg/Kg		09/16/22 08:52	09/16/22 22:50	1
Diesel Range Organics (Over C10-C28)	86.3	*1	49.8		mg/Kg		09/16/22 08:52	09/16/22 22:50	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/16/22 08:52	09/16/22 22:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				09/16/22 08:52	09/16/22 22:50	1
o-Terphenyl	80		70 - 130				09/16/22 08:52	09/16/22 22:50	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	231		5.03		mg/Kg			09/20/22 14:26	1

Client Sample ID: CS-20

Lab Sample ID: 890-2953-31

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/25/22 12:10	09/25/22 17:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/25/22 12:10	09/25/22 17:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/25/22 12:10	09/25/22 17:45	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/25/22 12:10	09/25/22 17:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/25/22 12:10	09/25/22 17:45	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/25/22 12:10	09/25/22 17:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	169	S1+	70 - 130				09/25/22 12:10	09/25/22 17:45	1
1,4-Difluorobenzene (Surr)	104		70 - 130				09/25/22 12:10	09/25/22 17:45	1

Method: 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			09/26/22 12:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	205		49.9		mg/Kg			09/19/22 11:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	51.2	*1	49.9		mg/Kg		09/16/22 08:52	09/16/22 23:33	1
Diesel Range Organics (Over C10-C28)	154	*1	49.9		mg/Kg		09/16/22 08:52	09/16/22 23:33	1

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Client Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: CS-20

Lab Sample ID: 890-2953-31

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 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)	<49.9	U	49.9		mg/Kg		09/16/22 08:52	09/16/22 23:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				09/16/22 08:52	09/16/22 23:33	1
o-Terphenyl	93		70 - 130				09/16/22 08:52	09/16/22 23:33	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	362		5.05		mg/Kg			09/20/22 14:30	1

Client Sample ID: CS-21

Lab Sample ID: 890-2953-32

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/25/22 12:10	09/25/22 18:06	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/25/22 12:10	09/25/22 18:06	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/25/22 12:10	09/25/22 18:06	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/25/22 12:10	09/25/22 18:06	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/25/22 12:10	09/25/22 18:06	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/25/22 12:10	09/25/22 18:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	166	S1+	70 - 130				09/25/22 12:10	09/25/22 18:06	1
1,4-Difluorobenzene (Surr)	101		70 - 130				09/25/22 12:10	09/25/22 18:06	1

Method: 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			09/26/22 12:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	444		50.0		mg/Kg			09/19/22 11:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		09/16/22 08:52	09/16/22 23:54	1
Diesel Range Organics (Over C10-C28)	371	*1	50.0		mg/Kg		09/16/22 08:52	09/16/22 23:54	1
Oil Range Organics (Over C28-C36)	72.6		50.0		mg/Kg		09/16/22 08:52	09/16/22 23:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130				09/16/22 08:52	09/16/22 23:54	1
o-Terphenyl	75		70 - 130				09/16/22 08:52	09/16/22 23:54	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	222		4.98		mg/Kg			09/20/22 14:45	1

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Client Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: CS-22

Lab Sample ID: 890-2953-33

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/25/22 12:10	09/25/22 19:31	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/25/22 12:10	09/25/22 19:31	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/25/22 12:10	09/25/22 19:31	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/25/22 12:10	09/25/22 19:31	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/25/22 12:10	09/25/22 19:31	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/25/22 12:10	09/25/22 19:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	160	S1+	70 - 130	09/25/22 12:10	09/25/22 19:31	1
1,4-Difluorobenzene (Surr)	93		70 - 130	09/25/22 12:10	09/25/22 19:31	1

Method: 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			09/26/22 12:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	136		49.9		mg/Kg			09/19/22 11:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		09/16/22 08:52	09/17/22 00:16	1
Diesel Range Organics (Over C10-C28)	136	*1	49.9		mg/Kg		09/16/22 08:52	09/17/22 00:16	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/16/22 08:52	09/17/22 00:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130	09/16/22 08:52	09/17/22 00:16	1
o-Terphenyl	86		70 - 130	09/16/22 08:52	09/17/22 00:16	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	166		4.98		mg/Kg			09/20/22 14:50	1

Client Sample ID: CS-23

Lab Sample ID: 890-2953-34

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/25/22 12:10	09/25/22 19:51	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/25/22 12:10	09/25/22 19:51	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/25/22 12:10	09/25/22 19:51	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/25/22 12:10	09/25/22 19:51	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/25/22 12:10	09/25/22 19:51	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/25/22 12:10	09/25/22 19:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	160	S1+	70 - 130	09/25/22 12:10	09/25/22 19:51	1
1,4-Difluorobenzene (Surr)	107		70 - 130	09/25/22 12:10	09/25/22 19:51	1

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Client Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: CS-23

Lab Sample ID: 890-2953-34

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/26/22 12:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	445		49.9		mg/Kg			09/19/22 11:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		09/16/22 08:52	09/17/22 00:37	1
Diesel Range Organics (Over C10-C28)	370	*1	49.9		mg/Kg		09/16/22 08:52	09/17/22 00:37	1
Oil Range Organics (Over C28-C36)	74.7		49.9		mg/Kg		09/16/22 08:52	09/17/22 00:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				09/16/22 08:52	09/17/22 00:37	1
o-Terphenyl	94		70 - 130				09/16/22 08:52	09/17/22 00:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	49.5		5.02		mg/Kg			09/20/22 15:04	1

Client Sample ID: CS-24

Lab Sample ID: 890-2953-35

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/25/22 12:10	09/25/22 20:12	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/25/22 12:10	09/25/22 20:12	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/25/22 12:10	09/25/22 20:12	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/25/22 12:10	09/25/22 20:12	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/25/22 12:10	09/25/22 20:12	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/25/22 12:10	09/25/22 20:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130				09/25/22 12:10	09/25/22 20:12	1
1,4-Difluorobenzene (Surr)	88		70 - 130				09/25/22 12:10	09/25/22 20:12	1

Method: 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			09/26/22 12:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	212		50.0		mg/Kg			09/19/22 11:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		09/16/22 08:52	09/17/22 00:59	1

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Client Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: CS-24

Lab Sample ID: 890-2953-35

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	212	*1	50.0		mg/Kg		09/16/22 08:52	09/17/22 00:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/16/22 08:52	09/17/22 00:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				09/16/22 08:52	09/17/22 00:59	1
o-Terphenyl	80		70 - 130				09/16/22 08:52	09/17/22 00:59	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	303		4.99		mg/Kg			09/20/22 15:09	1

Client Sample ID: CS-25

Lab Sample ID: 890-2953-36

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/25/22 12:10	09/25/22 20:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/25/22 12:10	09/25/22 20:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/25/22 12:10	09/25/22 20:33	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/25/22 12:10	09/25/22 20:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/25/22 12:10	09/25/22 20:33	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/25/22 12:10	09/25/22 20:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	152	S1+	70 - 130				09/25/22 12:10	09/25/22 20:33	1
1,4-Difluorobenzene (Surr)	113		70 - 130				09/25/22 12:10	09/25/22 20:33	1

Method: 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			09/26/22 12:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	212		50.0		mg/Kg			09/19/22 11:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		09/16/22 08:52	09/17/22 01:21	1
Diesel Range Organics (Over C10-C28)	212	*1	50.0		mg/Kg		09/16/22 08:52	09/17/22 01:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/16/22 08:52	09/17/22 01:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				09/16/22 08:52	09/17/22 01:21	1
o-Terphenyl	81		70 - 130				09/16/22 08:52	09/17/22 01:21	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	241		5.00		mg/Kg			09/20/22 15:14	1

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Client Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: CS-26

Lab Sample ID: 890-2953-37

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/25/22 12:10	09/25/22 20:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/25/22 12:10	09/25/22 20:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/25/22 12:10	09/25/22 20:54	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/25/22 12:10	09/25/22 20:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/25/22 12:10	09/25/22 20:54	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/25/22 12:10	09/25/22 20:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	162	S1+	70 - 130	09/25/22 12:10	09/25/22 20:54	1
1,4-Difluorobenzene (Surr)	111		70 - 130	09/25/22 12:10	09/25/22 20:54	1

Method: 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			09/26/22 12:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	688		50.0		mg/Kg			09/19/22 11:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		09/16/22 08:52	09/17/22 01:42	1
Diesel Range Organics (Over C10-C28)	590	*1	50.0		mg/Kg		09/16/22 08:52	09/17/22 01:42	1
Oil Range Organics (Over C28-C36)	97.6		50.0		mg/Kg		09/16/22 08:52	09/17/22 01:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130	09/16/22 08:52	09/17/22 01:42	1
o-Terphenyl	84		70 - 130	09/16/22 08:52	09/17/22 01:42	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	39.5		5.00		mg/Kg			09/20/22 15:19	1

Client Sample ID: CS-27

Lab Sample ID: 890-2953-38

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/25/22 12:10	09/25/22 21:14	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/25/22 12:10	09/25/22 21:14	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/25/22 12:10	09/25/22 21:14	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/25/22 12:10	09/25/22 21:14	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/25/22 12:10	09/25/22 21:14	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/25/22 12:10	09/25/22 21:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	156	S1+	70 - 130	09/25/22 12:10	09/25/22 21:14	1
1,4-Difluorobenzene (Surr)	105		70 - 130	09/25/22 12:10	09/25/22 21:14	1

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Client Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: CS-27

Lab Sample ID: 890-2953-38

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 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			09/26/22 12:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	227		49.9		mg/Kg			09/19/22 11:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		09/16/22 08:52	09/17/22 02:03	1
Diesel Range Organics (Over C10-C28)	227	*1	49.9		mg/Kg		09/16/22 08:52	09/17/22 02:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/16/22 08:52	09/17/22 02:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				09/16/22 08:52	09/17/22 02:03	1
o-Terphenyl	97		70 - 130				09/16/22 08:52	09/17/22 02:03	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	85.3		5.03		mg/Kg			09/20/22 15:24	1

Client Sample ID: CS-28

Lab Sample ID: 890-2953-39

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/25/22 12:10	09/25/22 21:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/25/22 12:10	09/25/22 21:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/25/22 12:10	09/25/22 21:35	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/25/22 12:10	09/25/22 21:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/25/22 12:10	09/25/22 21:35	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/25/22 12:10	09/25/22 21:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	174	S1+	70 - 130				09/25/22 12:10	09/25/22 21:35	1
1,4-Difluorobenzene (Surr)	120		70 - 130				09/25/22 12:10	09/25/22 21:35	1

Method: 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			09/26/22 12:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	179		50.0		mg/Kg			09/19/22 11:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		09/16/22 08:52	09/17/22 02:25	1
Diesel Range Organics (Over C10-C28)	179	*1	50.0		mg/Kg		09/16/22 08:52	09/17/22 02:25	1

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Client Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: CS-28

Lab Sample ID: 890-2953-39

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 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		09/16/22 08:52	09/17/22 02:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130				09/16/22 08:52	09/17/22 02:25	1
o-Terphenyl	85		70 - 130				09/16/22 08:52	09/17/22 02:25	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	76.0		5.05		mg/Kg			09/20/22 15:29	1

Client Sample ID: CS-29

Lab Sample ID: 890-2953-40

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/25/22 12:10	09/25/22 21:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/25/22 12:10	09/25/22 21:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/25/22 12:10	09/25/22 21:56	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/25/22 12:10	09/25/22 21:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/25/22 12:10	09/25/22 21:56	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/25/22 12:10	09/25/22 21:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	164	S1+	70 - 130				09/25/22 12:10	09/25/22 21:56	1
1,4-Difluorobenzene (Surr)	118		70 - 130				09/25/22 12:10	09/25/22 21:56	1

Method: 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			09/26/22 12:34	1

Method: 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			09/19/22 11:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		09/16/22 08:52	09/17/22 02:46	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		09/16/22 08:52	09/17/22 02:46	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/16/22 08:52	09/17/22 02:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				09/16/22 08:52	09/17/22 02:46	1
o-Terphenyl	84		70 - 130				09/16/22 08:52	09/17/22 02:46	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	69.4		24.8		mg/Kg			09/20/22 15:33	5

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Client Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: CS-30

Lab Sample ID: 890-2953-41

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U F1	0.00201		mg/Kg		09/22/22 15:23	09/24/22 00:32	1
Toluene	<0.00201	U F1	0.00201		mg/Kg		09/22/22 15:23	09/24/22 00:32	1
Ethylbenzene	<0.00201	U F1	0.00201		mg/Kg		09/22/22 15:23	09/24/22 00:32	1
m-Xylene & p-Xylene	<0.00402	U F1	0.00402		mg/Kg		09/22/22 15:23	09/24/22 00:32	1
o-Xylene	<0.00201	U F1	0.00201		mg/Kg		09/22/22 15:23	09/24/22 00:32	1
Xylenes, Total	<0.00402	U F1	0.00402		mg/Kg		09/22/22 15:23	09/24/22 00:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	09/22/22 15:23	09/24/22 00:32	1
1,4-Difluorobenzene (Surr)	106		70 - 130	09/22/22 15:23	09/24/22 00:32	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/26/22 12:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	169		49.9		mg/Kg			09/19/22 11:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	49.9		mg/Kg		09/16/22 09:40	09/17/22 11:23	1
Diesel Range Organics (Over C10-C28)	169	F1	49.9		mg/Kg		09/16/22 09:40	09/17/22 11:23	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/16/22 09:40	09/17/22 11:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	45	S1-	70 - 130	09/16/22 09:40	09/17/22 11:23	1
o-Terphenyl	38	S1-	70 - 130	09/16/22 09:40	09/17/22 11:23	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	54.4		5.04		mg/Kg			09/20/22 19:18	1

Client Sample ID: CS-31

Lab Sample ID: 890-2953-42

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:23	09/24/22 00:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:23	09/24/22 00:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:23	09/24/22 00:53	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/22/22 15:23	09/24/22 00:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:23	09/24/22 00:53	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/22/22 15:23	09/24/22 00:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	09/22/22 15:23	09/24/22 00:53	1
1,4-Difluorobenzene (Surr)	105		70 - 130	09/22/22 15:23	09/24/22 00:53	1

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Client Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: CS-31

Lab Sample ID: 890-2953-42

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 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			09/26/22 12:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	77.8		49.9		mg/Kg			09/19/22 11:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/16/22 09:40	09/17/22 12:29	1
Diesel Range Organics (Over C10-C28)	77.8		49.9		mg/Kg		09/16/22 09:40	09/17/22 12:29	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/16/22 09:40	09/17/22 12:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	51	S1-	70 - 130				09/16/22 09:40	09/17/22 12:29	1
o-Terphenyl	48	S1-	70 - 130				09/16/22 09:40	09/17/22 12:29	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	76.2		4.99		mg/Kg			09/20/22 19:32	1

Client Sample ID: CS-32

Lab Sample ID: 890-2953-43

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:23	09/24/22 01:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:23	09/24/22 01:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:23	09/24/22 01:13	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/22/22 15:23	09/24/22 01:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:23	09/24/22 01:13	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/22/22 15:23	09/24/22 01:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				09/22/22 15:23	09/24/22 01:13	1
1,4-Difluorobenzene (Surr)	100		70 - 130				09/22/22 15:23	09/24/22 01:13	1

Method: 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			09/26/22 12:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	398		50.0		mg/Kg			09/19/22 11:13	1

Method: 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		09/16/22 09:40	09/17/22 12:50	1
Diesel Range Organics (Over C10-C28)	341		50.0		mg/Kg		09/16/22 09:40	09/17/22 12:50	1

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Client Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: CS-32

Lab Sample ID: 890-2953-43

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 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)	56.8		50.0		mg/Kg		09/16/22 09:40	09/17/22 12:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				09/16/22 09:40	09/17/22 12:50	1
o-Terphenyl	92		70 - 130				09/16/22 09:40	09/17/22 12:50	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	50.9		5.00		mg/Kg			09/20/22 19:37	1

Client Sample ID: CS-33

Lab Sample ID: 890-2953-44

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		09/22/22 15:23	09/24/22 01:33	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/22/22 15:23	09/24/22 01:33	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		09/22/22 15:23	09/24/22 01:33	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		09/22/22 15:23	09/24/22 01:33	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/22/22 15:23	09/24/22 01:33	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		09/22/22 15:23	09/24/22 01:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				09/22/22 15:23	09/24/22 01:33	1
1,4-Difluorobenzene (Surr)	105		70 - 130				09/22/22 15:23	09/24/22 01:33	1

Method: 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			09/26/22 12:34	1

Method: 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			09/19/22 11:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/16/22 09:40	09/17/22 13:12	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/16/22 09:40	09/17/22 13:12	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/16/22 09:40	09/17/22 13:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				09/16/22 09:40	09/17/22 13:12	1
o-Terphenyl	85		70 - 130				09/16/22 09:40	09/17/22 13:12	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	125		4.96		mg/Kg			09/20/22 19:42	1

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Client Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: CS-34

Lab Sample ID: 890-2953-45

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/22/22 15:23	09/24/22 01:54	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/22/22 15:23	09/24/22 01:54	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/22/22 15:23	09/24/22 01:54	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/22/22 15:23	09/24/22 01:54	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/22/22 15:23	09/24/22 01:54	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/22/22 15:23	09/24/22 01:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	09/22/22 15:23	09/24/22 01:54	1
1,4-Difluorobenzene (Surr)	106		70 - 130	09/22/22 15:23	09/24/22 01:54	1

Method: 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			09/26/22 12:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	214		50.0		mg/Kg			09/19/22 11:13	1

Method: 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		09/16/22 09:40	09/17/22 13:34	1
Diesel Range Organics (Over C10-C28)	214		50.0		mg/Kg		09/16/22 09:40	09/17/22 13:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/16/22 09:40	09/17/22 13:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130	09/16/22 09:40	09/17/22 13:34	1
o-Terphenyl	86		70 - 130	09/16/22 09:40	09/17/22 13:34	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	75.4		4.97		mg/Kg			09/20/22 19:47	1

Client Sample ID: CS-35

Lab Sample ID: 890-2953-46

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:23	09/24/22 02:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:23	09/24/22 02:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:23	09/24/22 02:14	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/22/22 15:23	09/24/22 02:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:23	09/24/22 02:14	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/22/22 15:23	09/24/22 02:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	09/22/22 15:23	09/24/22 02:14	1
1,4-Difluorobenzene (Surr)	104		70 - 130	09/22/22 15:23	09/24/22 02:14	1

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Client Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: CS-35

Lab Sample ID: 890-2953-46

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 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			09/26/22 12:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	226		50.0		mg/Kg			09/19/22 11:13	1

Method: 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		09/16/22 09:40	09/17/22 13:55	1
Diesel Range Organics (Over C10-C28)	226		50.0		mg/Kg		09/16/22 09:40	09/17/22 13:55	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/16/22 09:40	09/17/22 13:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				09/16/22 09:40	09/17/22 13:55	1
o-Terphenyl	75		70 - 130				09/16/22 09:40	09/17/22 13:55	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	83.6		4.97		mg/Kg			09/20/22 20:01	1

Client Sample ID: CS-36

Lab Sample ID: 890-2953-47

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		09/22/22 15:23	09/24/22 02:35	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/22/22 15:23	09/24/22 02:35	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/22/22 15:23	09/24/22 02:35	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		09/22/22 15:23	09/24/22 02:35	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/22/22 15:23	09/24/22 02:35	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		09/22/22 15:23	09/24/22 02:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				09/22/22 15:23	09/24/22 02:35	1
1,4-Difluorobenzene (Surr)	105		70 - 130				09/22/22 15:23	09/24/22 02:35	1

Method: 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			09/26/22 12:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	51.1		49.9		mg/Kg			09/19/22 11:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/16/22 09:40	09/17/22 14:17	1
Diesel Range Organics (Over C10-C28)	51.1		49.9		mg/Kg		09/16/22 09:40	09/17/22 14:17	1

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Client Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: CS-36

Lab Sample ID: 890-2953-47

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 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)	<49.9	U	49.9		mg/Kg		09/16/22 09:40	09/17/22 14:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				09/16/22 09:40	09/17/22 14:17	1
o-Terphenyl	106		70 - 130				09/16/22 09:40	09/17/22 14:17	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	96.4		4.95		mg/Kg			09/20/22 20:06	1

Client Sample ID: CS-37

Lab Sample ID: 890-2953-48

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:23	09/24/22 02:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:23	09/24/22 02:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:23	09/24/22 02:55	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/22/22 15:23	09/24/22 02:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:23	09/24/22 02:55	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/22/22 15:23	09/24/22 02:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				09/22/22 15:23	09/24/22 02:55	1
1,4-Difluorobenzene (Surr)	100		70 - 130				09/22/22 15:23	09/24/22 02:55	1

Method: 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			09/26/22 12:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	88.1		50.0		mg/Kg			09/19/22 11:13	1

Method: 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		09/16/22 09:40	09/17/22 14:38	1
Diesel Range Organics (Over C10-C28)	88.1		50.0		mg/Kg		09/16/22 09:40	09/17/22 14:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/16/22 09:40	09/17/22 14:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				09/16/22 09:40	09/17/22 14:38	1
o-Terphenyl	87		70 - 130				09/16/22 09:40	09/17/22 14:38	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	49.0		4.98		mg/Kg			09/20/22 20:11	1

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Client Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: CS-38

Lab Sample ID: 890-2953-49

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		09/22/22 15:23	09/24/22 03:16	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/22/22 15:23	09/24/22 03:16	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		09/22/22 15:23	09/24/22 03:16	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		09/22/22 15:23	09/24/22 03:16	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/22/22 15:23	09/24/22 03:16	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		09/22/22 15:23	09/24/22 03:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	09/22/22 15:23	09/24/22 03:16	1
1,4-Difluorobenzene (Surr)	110		70 - 130	09/22/22 15:23	09/24/22 03:16	1

Method: 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			09/26/22 12:34	1

Method: 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			09/19/22 11:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/16/22 09:40	09/17/22 15:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/16/22 09:40	09/17/22 15:00	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/16/22 09:40	09/17/22 15:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130	09/16/22 09:40	09/17/22 15:00	1
o-Terphenyl	84		70 - 130	09/16/22 09:40	09/17/22 15:00	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	45.5		5.02		mg/Kg			09/20/22 20:16	1

Client Sample ID: CS-39

Lab Sample ID: 890-2953-50

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/22/22 15:23	09/24/22 03:36	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/22/22 15:23	09/24/22 03:36	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/22/22 15:23	09/24/22 03:36	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/22/22 15:23	09/24/22 03:36	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/22/22 15:23	09/24/22 03:36	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/22/22 15:23	09/24/22 03:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	09/22/22 15:23	09/24/22 03:36	1
1,4-Difluorobenzene (Surr)	105		70 - 130	09/22/22 15:23	09/24/22 03:36	1

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Client Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: CS-39

Lab Sample ID: 890-2953-50

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/26/22 12:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	90.8		50.0		mg/Kg			09/19/22 11:13	1

Method: 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		09/16/22 09:40	09/17/22 15:21	1
Diesel Range Organics (Over C10-C28)	90.8		50.0		mg/Kg		09/16/22 09:40	09/17/22 15:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/16/22 09:40	09/17/22 15:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				09/16/22 09:40	09/17/22 15:21	1
o-Terphenyl	86		70 - 130				09/16/22 09:40	09/17/22 15:21	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.6		5.04		mg/Kg			09/20/22 20:21	1

Client Sample ID: CS-40

Lab Sample ID: 890-2953-51

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/25/22 12:10	09/25/22 22:17	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/25/22 12:10	09/25/22 22:17	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/25/22 12:10	09/25/22 22:17	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/25/22 12:10	09/25/22 22:17	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/25/22 12:10	09/25/22 22:17	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/25/22 12:10	09/25/22 22:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	169	S1+	70 - 130				09/25/22 12:10	09/25/22 22:17	1
1,4-Difluorobenzene (Surr)	109		70 - 130				09/25/22 12:10	09/25/22 22:17	1

Method: 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			09/26/22 12:34	1

Method: 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			09/19/22 11:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/16/22 09:40	09/17/22 16:05	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/16/22 09:40	09/17/22 16:05	1

Eurofins Carlsbad

Client Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: CS-40

Lab Sample ID: 890-2953-51

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 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)	<49.9	U	49.9		mg/Kg		09/16/22 09:40	09/17/22 16:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				09/16/22 09:40	09/17/22 16:05	1
o-Terphenyl	84		70 - 130				09/16/22 09:40	09/17/22 16:05	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	108		4.99		mg/Kg			09/20/22 20:26	1

Client Sample ID: CS-41

Lab Sample ID: 890-2953-52

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/25/22 12:10	09/25/22 22:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/25/22 12:10	09/25/22 22:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/25/22 12:10	09/25/22 22:37	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/25/22 12:10	09/25/22 22:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/25/22 12:10	09/25/22 22:37	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/25/22 12:10	09/25/22 22:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				09/25/22 12:10	09/25/22 22:37	1
1,4-Difluorobenzene (Surr)	73		70 - 130				09/25/22 12:10	09/25/22 22:37	1

Method: 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			09/26/22 12:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	89.6		49.9		mg/Kg			09/19/22 11:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/16/22 09:40	09/17/22 16:26	1
Diesel Range Organics (Over C10-C28)	89.6		49.9		mg/Kg		09/16/22 09:40	09/17/22 16:26	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/16/22 09:40	09/17/22 16:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				09/16/22 09:40	09/17/22 16:26	1
o-Terphenyl	91		70 - 130				09/16/22 09:40	09/17/22 16:26	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	124		5.02		mg/Kg			09/20/22 20:40	1

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Client Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: CS-42

Lab Sample ID: 890-2953-53

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		09/25/22 12:23	09/26/22 12:21	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/25/22 12:23	09/26/22 12:21	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		09/25/22 12:23	09/26/22 12:21	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		09/25/22 12:23	09/26/22 12:21	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/25/22 12:23	09/26/22 12:21	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		09/25/22 12:23	09/26/22 12:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	09/25/22 12:23	09/26/22 12:21	1
1,4-Difluorobenzene (Surr)	110		70 - 130	09/25/22 12:23	09/26/22 12:21	1

Method: 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			09/26/22 12:34	1

Method: 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			09/19/22 11:13	1

Method: 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		09/16/22 09:40	09/17/22 16:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/16/22 09:40	09/17/22 16:48	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/16/22 09:40	09/17/22 16:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130	09/16/22 09:40	09/17/22 16:48	1
o-Terphenyl	70		70 - 130	09/16/22 09:40	09/17/22 16:48	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	86.4		5.04		mg/Kg			09/20/22 20:45	1

Client Sample ID: CS-43

Lab Sample ID: 890-2953-54

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/25/22 12:23	09/26/22 13:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/25/22 12:23	09/26/22 13:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/25/22 12:23	09/26/22 13:22	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/25/22 12:23	09/26/22 13:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/25/22 12:23	09/26/22 13:22	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/25/22 12:23	09/26/22 13:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	09/25/22 12:23	09/26/22 13:22	1
1,4-Difluorobenzene (Surr)	109		70 - 130	09/25/22 12:23	09/26/22 13:22	1

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Client Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: CS-43

Lab Sample ID: 890-2953-54

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 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			09/26/22 12:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	51.6		50.0		mg/Kg			09/19/22 11:13	1

Method: 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		09/16/22 09:40	09/17/22 17:10	1
Diesel Range Organics (Over C10-C28)	51.6		50.0		mg/Kg		09/16/22 09:40	09/17/22 17:10	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/16/22 09:40	09/17/22 17:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				09/16/22 09:40	09/17/22 17:10	1
o-Terphenyl	81		70 - 130				09/16/22 09:40	09/17/22 17:10	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	62.6		4.97		mg/Kg			09/20/22 21:00	1

Client Sample ID: CS-44

Lab Sample ID: 890-2953-55

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/25/22 12:23	09/26/22 13:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/25/22 12:23	09/26/22 13:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/25/22 12:23	09/26/22 13:42	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/25/22 12:23	09/26/22 13:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/25/22 12:23	09/26/22 13:42	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/25/22 12:23	09/26/22 13:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				09/25/22 12:23	09/26/22 13:42	1
1,4-Difluorobenzene (Surr)	106		70 - 130				09/25/22 12:23	09/26/22 13:42	1

Method: 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			09/26/22 12:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	58.5		49.9		mg/Kg			09/19/22 11:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/16/22 09:40	09/17/22 17:32	1
Diesel Range Organics (Over C10-C28)	58.5		49.9		mg/Kg		09/16/22 09:40	09/17/22 17:32	1

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Client Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: CS-44

Lab Sample ID: 890-2953-55

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 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)	<49.9	U	49.9		mg/Kg		09/16/22 09:40	09/17/22 17:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130				09/16/22 09:40	09/17/22 17:32	1
o-Terphenyl	78		70 - 130				09/16/22 09:40	09/17/22 17:32	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	79.8		5.01		mg/Kg			09/20/22 21:04	1

Client Sample ID: CS-45

Lab Sample ID: 890-2953-56

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/25/22 12:23	09/26/22 14:03	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/25/22 12:23	09/26/22 14:03	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/25/22 12:23	09/26/22 14:03	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/25/22 12:23	09/26/22 14:03	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/25/22 12:23	09/26/22 14:03	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/25/22 12:23	09/26/22 14:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				09/25/22 12:23	09/26/22 14:03	1
1,4-Difluorobenzene (Surr)	110		70 - 130				09/25/22 12:23	09/26/22 14:03	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/26/22 12:34	1

Method: 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			09/19/22 11:13	1

Method: 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		09/16/22 09:40	09/17/22 17:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/16/22 09:40	09/17/22 17:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/16/22 09:40	09/17/22 17:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				09/16/22 09:40	09/17/22 17:53	1
o-Terphenyl	84		70 - 130				09/16/22 09:40	09/17/22 17:53	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	64.8		5.02		mg/Kg			09/20/22 21:09	1

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Client Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: CS-46

Lab Sample ID: 890-2953-57

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/25/22 12:23	09/26/22 14:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/25/22 12:23	09/26/22 14:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/25/22 12:23	09/26/22 14:23	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/25/22 12:23	09/26/22 14:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/25/22 12:23	09/26/22 14:23	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/25/22 12:23	09/26/22 14:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	09/25/22 12:23	09/26/22 14:23	1
1,4-Difluorobenzene (Surr)	107		70 - 130	09/25/22 12:23	09/26/22 14:23	1

Method: 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			09/26/22 12:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	178		49.9		mg/Kg			09/19/22 11:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/16/22 09:40	09/17/22 18:15	1
Diesel Range Organics (Over C10-C28)	178		49.9		mg/Kg		09/16/22 09:40	09/17/22 18:15	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/16/22 09:40	09/17/22 18:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130	09/16/22 09:40	09/17/22 18:15	1
o-Terphenyl	67	S1-	70 - 130	09/16/22 09:40	09/17/22 18:15	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	84.3		4.98		mg/Kg			09/20/22 21:14	1

Client Sample ID: CS-47

Lab Sample ID: 890-2953-58

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/25/22 12:23	09/26/22 14:44	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/25/22 12:23	09/26/22 14:44	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/25/22 12:23	09/26/22 14:44	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/25/22 12:23	09/26/22 14:44	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/25/22 12:23	09/26/22 14:44	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/25/22 12:23	09/26/22 14:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130	09/25/22 12:23	09/26/22 14:44	1
1,4-Difluorobenzene (Surr)	109		70 - 130	09/25/22 12:23	09/26/22 14:44	1

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Client Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: CS-47

Lab Sample ID: 890-2953-58

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 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			09/26/22 12:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	170		50.0		mg/Kg			09/19/22 11:13	1

Method: 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		09/16/22 09:40	09/17/22 18:37	1
Diesel Range Organics (Over C10-C28)	170		50.0		mg/Kg		09/16/22 09:40	09/17/22 18:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/16/22 09:40	09/17/22 18:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				09/16/22 09:40	09/17/22 18:37	1
o-Terphenyl	89		70 - 130				09/16/22 09:40	09/17/22 18:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	78.2		5.03		mg/Kg			09/20/22 21:19	1

Client Sample ID: CS-48

Lab Sample ID: 890-2953-59

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/25/22 12:23	09/26/22 15:04	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/25/22 12:23	09/26/22 15:04	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/25/22 12:23	09/26/22 15:04	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/25/22 12:23	09/26/22 15:04	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/25/22 12:23	09/26/22 15:04	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/25/22 12:23	09/26/22 15:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				09/25/22 12:23	09/26/22 15:04	1
1,4-Difluorobenzene (Surr)	113		70 - 130				09/25/22 12:23	09/26/22 15:04	1

Method: 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			09/26/22 12:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	55.1		50.0		mg/Kg			09/19/22 11:13	1

Method: 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		09/16/22 09:40	09/17/22 18:58	1
Diesel Range Organics (Over C10-C28)	55.1		50.0		mg/Kg		09/16/22 09:40	09/17/22 18:58	1

Eurofins Carlsbad

Client Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: CS-48

Lab Sample ID: 890-2953-59

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 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		09/16/22 09:40	09/17/22 18:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				09/16/22 09:40	09/17/22 18:58	1
o-Terphenyl	94		70 - 130				09/16/22 09:40	09/17/22 18:58	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	56.2		5.05		mg/Kg			09/20/22 21:24	1

Client Sample ID: CS-49

Lab Sample ID: 890-2953-60

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/25/22 12:23	09/26/22 15:25	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/25/22 12:23	09/26/22 15:25	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/25/22 12:23	09/26/22 15:25	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/25/22 12:23	09/26/22 15:25	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/25/22 12:23	09/26/22 15:25	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/25/22 12:23	09/26/22 15:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				09/25/22 12:23	09/26/22 15:25	1
1,4-Difluorobenzene (Surr)	106		70 - 130				09/25/22 12:23	09/26/22 15:25	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/26/22 12:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	88.3		49.9		mg/Kg			09/19/22 11:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/16/22 09:40	09/17/22 19:20	1
Diesel Range Organics (Over C10-C28)	88.3		49.9		mg/Kg		09/16/22 09:40	09/17/22 19:20	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/16/22 09:40	09/17/22 19:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				09/16/22 09:40	09/17/22 19:20	1
o-Terphenyl	71		70 - 130				09/16/22 09:40	09/17/22 19:20	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	92.3		5.04		mg/Kg			09/20/22 21:29	1

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Client Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: CS-50

Lab Sample ID: 890-2953-61

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U F2 F1	0.00201		mg/Kg		09/22/22 15:35	09/23/22 21:51	1
Toluene	<0.00201	U F2 F1	0.00201		mg/Kg		09/22/22 15:35	09/23/22 21:51	1
Ethylbenzene	<0.00201	U F2 F1	0.00201		mg/Kg		09/22/22 15:35	09/23/22 21:51	1
m-Xylene & p-Xylene	<0.00402	U F2 F1	0.00402		mg/Kg		09/22/22 15:35	09/23/22 21:51	1
o-Xylene	<0.00201	U F2 F1	0.00201		mg/Kg		09/22/22 15:35	09/23/22 21:51	1
Xylenes, Total	<0.00402	U F2 F1	0.00402		mg/Kg		09/22/22 15:35	09/23/22 21:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	09/22/22 15:35	09/23/22 21:51	1
1,4-Difluorobenzene (Surr)	99		70 - 130	09/22/22 15:35	09/23/22 21:51	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/26/22 12:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	231		50.0		mg/Kg			09/19/22 11:13	1

Method: 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		09/15/22 15:00	09/18/22 04:14	1
Diesel Range Organics (Over C10-C28)	231		50.0		mg/Kg		09/15/22 15:00	09/18/22 04:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/15/22 15:00	09/18/22 04:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130	09/15/22 15:00	09/18/22 04:14	1
o-Terphenyl	88		70 - 130	09/15/22 15:00	09/18/22 04:14	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	121		4.95		mg/Kg			09/21/22 06:19	1

Client Sample ID: CS-51

Lab Sample ID: 890-2953-62

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:35	09/23/22 22:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:35	09/23/22 22:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:35	09/23/22 22:11	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/22/22 15:35	09/23/22 22:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:35	09/23/22 22:11	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/22/22 15:35	09/23/22 22:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	09/22/22 15:35	09/23/22 22:11	1
1,4-Difluorobenzene (Surr)	87		70 - 130	09/22/22 15:35	09/23/22 22:11	1

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Client Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: CS-51

Lab Sample ID: 890-2953-62

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 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			09/26/22 12:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	81.2		49.9		mg/Kg			09/19/22 11:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/15/22 15:00	09/18/22 03:52	1
Diesel Range Organics (Over C10-C28)	81.2		49.9		mg/Kg		09/15/22 15:00	09/18/22 03:52	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/15/22 15:00	09/18/22 03:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				09/15/22 15:00	09/18/22 03:52	1
o-Terphenyl	96		70 - 130				09/15/22 15:00	09/18/22 03:52	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	79.1		5.02		mg/Kg			09/21/22 06:34	1

Client Sample ID: CS-52

Lab Sample ID: 890-2953-63

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:35	09/23/22 22:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:35	09/23/22 22:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:35	09/23/22 22:32	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/22/22 15:35	09/23/22 22:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:35	09/23/22 22:32	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/22/22 15:35	09/23/22 22:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130				09/22/22 15:35	09/23/22 22:32	1
1,4-Difluorobenzene (Surr)	91		70 - 130				09/22/22 15:35	09/23/22 22:32	1

Method: 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			09/26/22 12:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	239		50.0		mg/Kg			09/19/22 11:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		09/15/22 15:04	09/16/22 16:01	1
Diesel Range Organics (Over C10-C28)	239		50.0		mg/Kg		09/15/22 15:04	09/16/22 16:01	1

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Client Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: CS-52

Lab Sample ID: 890-2953-63

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 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		09/15/22 15:04	09/16/22 16:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				09/15/22 15:04	09/16/22 16:01	1
o-Terphenyl	93		70 - 130				09/15/22 15:04	09/16/22 16:01	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	209		4.98		mg/Kg			09/21/22 06:39	1

Client Sample ID: CS-53

Lab Sample ID: 890-2953-64

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/22/22 15:35	09/23/22 22:52	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/22/22 15:35	09/23/22 22:52	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/22/22 15:35	09/23/22 22:52	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/22/22 15:35	09/23/22 22:52	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/22/22 15:35	09/23/22 22:52	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/22/22 15:35	09/23/22 22:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130				09/22/22 15:35	09/23/22 22:52	1
1,4-Difluorobenzene (Surr)	77		70 - 130				09/22/22 15:35	09/23/22 22:52	1

Method: 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			09/26/22 12:34	1

Method: 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			09/19/22 11:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		09/15/22 15:04	09/16/22 16:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/15/22 15:04	09/16/22 16:22	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/15/22 15:04	09/16/22 16:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				09/15/22 15:04	09/16/22 16:22	1
o-Terphenyl	95		70 - 130				09/15/22 15:04	09/16/22 16:22	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	57.6		5.00		mg/Kg			09/21/22 06:43	1

Eurofins Carlsbad

Client Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: CS-54

Lab Sample ID: 890-2953-65

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/22/22 15:35	09/23/22 23:13	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/22/22 15:35	09/23/22 23:13	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/22/22 15:35	09/23/22 23:13	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/22/22 15:35	09/23/22 23:13	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/22/22 15:35	09/23/22 23:13	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/22/22 15:35	09/23/22 23:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	09/22/22 15:35	09/23/22 23:13	1
1,4-Difluorobenzene (Surr)	85		70 - 130	09/22/22 15:35	09/23/22 23:13	1

Method: 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			09/26/22 12:34	1

Method: 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			09/19/22 11:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		09/15/22 15:04	09/16/22 16:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/15/22 15:04	09/16/22 16:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/15/22 15:04	09/16/22 16:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130	09/15/22 15:04	09/16/22 16:44	1
o-Terphenyl	82		70 - 130	09/15/22 15:04	09/16/22 16:44	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	116		4.97		mg/Kg			09/21/22 06:48	1

Client Sample ID: CS-55

Lab Sample ID: 890-2953-66

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/22/22 15:35	09/23/22 23:33	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/22/22 15:35	09/23/22 23:33	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/22/22 15:35	09/23/22 23:33	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/22/22 15:35	09/23/22 23:33	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/22/22 15:35	09/23/22 23:33	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/22/22 15:35	09/23/22 23:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	09/22/22 15:35	09/23/22 23:33	1
1,4-Difluorobenzene (Surr)	85		70 - 130	09/22/22 15:35	09/23/22 23:33	1

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Client Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: CS-55

Lab Sample ID: 890-2953-66

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/26/22 12:34	1

Method: 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			09/19/22 11:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		09/15/22 15:04	09/16/22 17:05	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/15/22 15:04	09/16/22 17:05	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/15/22 15:04	09/16/22 17:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				09/15/22 15:04	09/16/22 17:05	1
o-Terphenyl	119		70 - 130				09/15/22 15:04	09/16/22 17:05	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	68.6		4.96		mg/Kg			09/21/22 07:03	1

Client Sample ID: CS-56

Lab Sample ID: 890-2953-67

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:35	09/23/22 23:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:35	09/23/22 23:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:35	09/23/22 23:54	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/22/22 15:35	09/23/22 23:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:35	09/23/22 23:54	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/22/22 15:35	09/23/22 23:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				09/22/22 15:35	09/23/22 23:54	1
1,4-Difluorobenzene (Surr)	67	S1-	70 - 130				09/22/22 15:35	09/23/22 23:54	1

Method: 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			09/26/22 12:34	1

Method: 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			09/19/22 11:13	1

Method: 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		09/16/22 11:48	09/17/22 06:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/16/22 11:48	09/17/22 06:00	1

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Client Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: CS-56

Lab Sample ID: 890-2953-67

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 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		09/16/22 11:48	09/17/22 06:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130				09/16/22 11:48	09/17/22 06:00	1
o-Terphenyl	103		70 - 130				09/16/22 11:48	09/17/22 06:00	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	79.5		4.96		mg/Kg			09/21/22 07:08	1

Client Sample ID: CS-57

Lab Sample ID: 890-2953-68

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/22/22 15:35	09/24/22 00:14	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/22/22 15:35	09/24/22 00:14	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/22/22 15:35	09/24/22 00:14	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/22/22 15:35	09/24/22 00:14	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/22/22 15:35	09/24/22 00:14	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/22/22 15:35	09/24/22 00:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				09/22/22 15:35	09/24/22 00:14	1
1,4-Difluorobenzene (Surr)	93		70 - 130				09/22/22 15:35	09/24/22 00:14	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/26/22 12:34	1

Method: 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			09/19/22 11:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/16/22 11:48	09/17/22 06:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/16/22 11:48	09/17/22 06:22	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/16/22 11:48	09/17/22 06:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				09/16/22 11:48	09/17/22 06:22	1
o-Terphenyl	90		70 - 130				09/16/22 11:48	09/17/22 06:22	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	72.5		5.00		mg/Kg			09/21/22 07:13	1

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Client Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: CS-58

Lab Sample ID: 890-2953-69

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:35	09/24/22 00:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:35	09/24/22 00:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:35	09/24/22 00:35	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/22/22 15:35	09/24/22 00:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:35	09/24/22 00:35	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/22/22 15:35	09/24/22 00:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	09/22/22 15:35	09/24/22 00:35	1
1,4-Difluorobenzene (Surr)	75		70 - 130	09/22/22 15:35	09/24/22 00:35	1

Method: 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			09/26/22 12:34	1

Method: 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			09/19/22 11:13	1

Method: 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		09/16/22 11:48	09/17/22 06:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/16/22 11:48	09/17/22 06:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/16/22 11:48	09/17/22 06:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130	09/16/22 11:48	09/17/22 06:43	1
o-Terphenyl	92		70 - 130	09/16/22 11:48	09/17/22 06:43	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	56.7		5.02		mg/Kg			09/21/22 07:17	1

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Surrogate Summary

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
890-2953-1	SW-1	150 S1+	110
890-2953-2	SW-2	146 S1+	92
890-2953-3	SW-3	163 S1+	113
890-2953-4	SW-4	147 S1+	96
890-2953-5	SW-5	163 S1+	109
890-2953-6	SW-6	155 S1+	100
890-2953-7	SW-7	151 S1+	96
890-2953-8	SW-8	156 S1+	110
890-2953-9	SW-9	174 S1+	106
890-2953-10	SW-10	160 S1+	106
890-2953-11	SW-11	148 S1+	99
890-2953-12	CS-1	165 S1+	110
890-2953-13	CS-2	139 S1+	92
890-2953-14	CS-3	163 S1+	111
890-2953-15	CS-4	172 S1+	100
890-2953-16	CS-5	169 S1+	106
890-2953-17	CS-6	163 S1+	106
890-2953-18	CS-7	159 S1+	108
890-2953-19	CS-8	154 S1+	110
890-2953-20	CS-9	112	72
890-2953-21	CS-10	152 S1+	103
890-2953-21 MS	CS-10	155 S1+	107
890-2953-21 MSD	CS-10	136 S1+	112
890-2953-22	CS-11	160 S1+	103
890-2953-23	CS-12	132 S1+	96
890-2953-23 MS	CS-12	136 S1+	113
890-2953-23 MSD	CS-12	133 S1+	104
890-2953-24	CS-13	126	86
890-2953-25	CS-14	162 S1+	111
890-2953-26	CS-15	160 S1+	110
890-2953-27	CS-16	164 S1+	111
890-2953-28	CS-17	161 S1+	90
890-2953-29	CS-18	168 S1+	112
890-2953-30	CS-19	164 S1+	111
890-2953-31	CS-20	169 S1+	104
890-2953-32	CS-21	166 S1+	101
890-2953-33	CS-22	160 S1+	93
890-2953-34	CS-23	160 S1+	107
890-2953-35	CS-24	137 S1+	88
890-2953-36	CS-25	152 S1+	113
890-2953-37	CS-26	162 S1+	111
890-2953-38	CS-27	156 S1+	105
890-2953-39	CS-28	174 S1+	120
890-2953-40	CS-29	164 S1+	118
890-2953-41	CS-30	98	106
890-2953-41 MS	CS-30	105	102
890-2953-41 MSD	CS-30	88	108
890-2953-42	CS-31	112	105
890-2953-43	CS-32	100	100

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Surrogate Summary

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
890-2953-44	CS-33	105	105
890-2953-45	CS-34	105	106
890-2953-46	CS-35	99	104
890-2953-47	CS-36	98	105
890-2953-48	CS-37	107	100
890-2953-49	CS-38	91	110
890-2953-50	CS-39	96	105
890-2953-51	CS-40	169 S1+	109
890-2953-52	CS-41	101	73
890-2953-53	CS-42	113	110
890-2953-53 MS	CS-42	87	109
890-2953-53 MSD	CS-42	90	111
890-2953-54	CS-43	102	109
890-2953-55	CS-44	97	106
890-2953-56	CS-45	100	110
890-2953-57	CS-46	103	107
890-2953-58	CS-47	89	109
890-2953-59	CS-48	103	113
890-2953-60	CS-49	100	106
890-2953-61	CS-50	122	99
890-2953-61 MS	CS-50	134 S1+	88
890-2953-61 MSD	CS-50	122	107
890-2953-62	CS-51	111	87
890-2953-63	CS-52	124	91
890-2953-64	CS-53	89	77
890-2953-65	CS-54	112	85
890-2953-66	CS-55	110	85
890-2953-67	CS-56	98	67 S1-
890-2953-68	CS-57	118	93
890-2953-69	CS-58	106	75
LCS 880-35190/1-A	Lab Control Sample	136 S1+	114
LCS 880-35192/1-A	Lab Control Sample	126	111
LCS 880-35193/1-A	Lab Control Sample	101	103
LCS 880-35198/1-A	Lab Control Sample	120	109
LCS 880-35334/1-A	Lab Control Sample	125	107
LCS 880-35335/1-A	Lab Control Sample	81	106
LCSD 880-35190/2-A	Lab Control Sample Dup	140 S1+	109
LCSD 880-35192/2-A	Lab Control Sample Dup	133 S1+	108
LCSD 880-35193/2-A	Lab Control Sample Dup	83	109
LCSD 880-35198/2-A	Lab Control Sample Dup	117	107
LCSD 880-35334/2-A	Lab Control Sample Dup	133 S1+	101
LCSD 880-35335/2-A	Lab Control Sample Dup	82	110
MB 880-35092/5-A	Method Blank	121	113
MB 880-35106/5-A	Method Blank	100	82
MB 880-35192/5-A	Method Blank	127	92
MB 880-35192/5-A	Method Blank	122	90
MB 880-35193/5-A	Method Blank	104	110
MB 880-35198/5-A	Method Blank	98	78
MB 880-35229/5-A	Method Blank	100	115
MB 880-35334/5-A	Method Blank	127	91

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Surrogate Summary

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)				
MB 880-35335/5-A	Method Blank	104	114				
Surrogate Legend							
BFB = 4-Bromofluorobenzene (Surr)							
DFBZ = 1,4-Difluorobenzene (Surr)							

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)				
890-2953-1 MS	SW-1						
890-2953-1 MSD	SW-1						
Surrogate Legend							
BFB = 4-Bromofluorobenzene (Surr)							
DFBZ = 1,4-Difluorobenzene (Surr)							

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)				
890-2940-A-1-C MS	Matrix Spike	90	85				
890-2940-A-1-D MSD	Matrix Spike Duplicate	91	84				
890-2949-A-1-C MS	Matrix Spike	78	73				
890-2949-A-1-D MSD	Matrix Spike Duplicate	85	81				
890-2953-1	SW-1	111	103				
890-2953-1 MS	SW-1	135 S1+	102				
890-2953-1 MSD	SW-1	113	84				
890-2953-2	SW-2	88	78				
890-2953-3	SW-3	109	98				
890-2953-4	SW-4	108	97				
890-2953-5	SW-5	113	100				
890-2953-6	SW-6	108	99				
890-2953-7	SW-7	104	95				
890-2953-8	SW-8	98	90				
890-2953-9	SW-9	94	88				
890-2953-10	SW-10	121	111				
890-2953-11	SW-11	101	93				
890-2953-12	CS-1	117	109				
890-2953-13	CS-2	95	86				
890-2953-14	CS-3	109	95				
890-2953-15	CS-4	110	98				
890-2953-16	CS-5	94	83				
890-2953-17	CS-6	96	87				
890-2953-18	CS-7	105	93				
890-2953-19	CS-8	106	96				
890-2953-20	CS-9	94	83				
890-2953-21	CS-10	86	93				

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Surrogate Summary

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-2953-21 MS	CS-10	92	88
890-2953-21 MSD	CS-10	83	79
890-2953-22	CS-11	91	101
890-2953-23	CS-12	83	91
890-2953-24	CS-13	80	87
890-2953-25	CS-14	89	98
890-2953-26	CS-15	81	88
890-2953-27	CS-16	72	77
890-2953-28	CS-17	73	77
890-2953-29	CS-18	81	89
890-2953-30	CS-19	76	80
890-2953-31	CS-20	88	93
890-2953-32	CS-21	74	75
890-2953-33	CS-22	80	86
890-2953-34	CS-23	88	94
890-2953-35	CS-24	77	80
890-2953-36	CS-25	76	81
890-2953-37	CS-26	80	84
890-2953-38	CS-27	89	97
890-2953-39	CS-28	80	85
890-2953-40	CS-29	77	84
890-2953-41	CS-30	45 S1-	38 S1-
890-2953-41 MS	CS-30	71	58 S1-
890-2953-41 MSD	CS-30	69 S1-	58 S1-
890-2953-42	CS-31	51 S1-	48 S1-
890-2953-43	CS-32	95	92
890-2953-44	CS-33	87	85
890-2953-45	CS-34	86	86
890-2953-46	CS-35	83	75
890-2953-47	CS-36	105	106
890-2953-48	CS-37	89	87
890-2953-49	CS-38	83	84
890-2953-50	CS-39	87	86
890-2953-51	CS-40	85	84
890-2953-52	CS-41	98	91
890-2953-53	CS-42	74	70
890-2953-54	CS-43	83	81
890-2953-55	CS-44	80	78
890-2953-56	CS-45	83	84
890-2953-57	CS-46	70	67 S1-
890-2953-58	CS-47	91	89
890-2953-59	CS-48	95	94
890-2953-60	CS-49	73	71
890-2953-61	CS-50	89	88
890-2953-62	CS-51	96	96
890-2953-63	CS-52	91	93
890-2953-64	CS-53	91	95
890-2953-65	CS-54	83	82
890-2953-66	CS-55	112	119
890-2953-67	CS-56	113	103

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Surrogate Summary

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-2953-68	CS-57	95	90
890-2953-69	CS-58	95	92
890-2976-A-1-C MS	Matrix Spike	133 S1+	107
890-2976-A-1-D MSD	Matrix Spike Duplicate	97	94
LCS 880-34600/2-A	Lab Control Sample	100	104
LCS 880-34601/2-A	Lab Control Sample	118	132 S1+
LCS 880-34632/2-A	Lab Control Sample	117	97
LCS 880-34633/2-A	Lab Control Sample	99	111
LCS 880-34648/2-A	Lab Control Sample	102	110
LCS 880-34675/2-A	Lab Control Sample	125	117
LCSD 880-34600/3-A	Lab Control Sample Dup	99	102
LCSD 880-34601/3-A	Lab Control Sample Dup	99	110
LCSD 880-34632/3-A	Lab Control Sample Dup	122	93
LCSD 880-34633/3-A	Lab Control Sample Dup	115	126
LCSD 880-34648/3-A	Lab Control Sample Dup	101	103
LCSD 880-34675/3-A	Lab Control Sample Dup	120	111
MB 880-34600/1-A	Method Blank	119	125
MB 880-34601/1-A	Method Blank	133 S1+	151 S1+
MB 880-34632/1-A	Method Blank	158 S1+	150 S1+
MB 880-34633/1-A	Method Blank	116	133 S1+
MB 880-34648/1-A	Method Blank	116	121
MB 880-34675/1-A	Method Blank	135 S1+	145 S1+

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-35092/5-A

Matrix: Solid

Analysis Batch: 35226

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 35092

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/21/22 15:19	09/23/22 11:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/21/22 15:19	09/23/22 11:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/21/22 15:19	09/23/22 11:20	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/21/22 15:19	09/23/22 11:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/21/22 15:19	09/23/22 11:20	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/21/22 15:19	09/23/22 11:20	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	09/21/22 15:19	09/23/22 11:20	1
1,4-Difluorobenzene (Surr)	113		70 - 130	09/21/22 15:19	09/23/22 11:20	1

Lab Sample ID: MB 880-35106/5-A

Matrix: Solid

Analysis Batch: 35227

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 35106

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/21/22 15:42	09/23/22 10:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/21/22 15:42	09/23/22 10:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/21/22 15:42	09/23/22 10:54	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/21/22 15:42	09/23/22 10:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/21/22 15:42	09/23/22 10:54	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/21/22 15:42	09/23/22 10:54	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	09/21/22 15:42	09/23/22 10:54	1
1,4-Difluorobenzene (Surr)	82		70 - 130	09/21/22 15:42	09/23/22 10:54	1

Lab Sample ID: LCS 880-35190/1-A

Matrix: Solid

Analysis Batch: 35226

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 35190

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1188		mg/Kg		119	70 - 130
Toluene	0.100	0.09654		mg/Kg		97	70 - 130
Ethylbenzene	0.100	0.1025		mg/Kg		103	70 - 130
m-Xylene & p-Xylene	0.200	0.2275		mg/Kg		114	70 - 130
o-Xylene	0.100	0.1108		mg/Kg		111	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	136	S1+	70 - 130
1,4-Difluorobenzene (Surr)	114		70 - 130

Lab Sample ID: LCSD 880-35190/2-A

Matrix: Solid

Analysis Batch: 35226

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 35190

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1289		mg/Kg		129	70 - 130	8	35

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QC Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

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

Lab Sample ID: LCSD 880-35190/2-A

Matrix: Solid

Analysis Batch: 35226

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 35190

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	0.100	0.1088		mg/Kg		109	70 - 130	12	35
Ethylbenzene	0.100	0.1176		mg/Kg		118	70 - 130	14	35
m-Xylene & p-Xylene	0.200	0.2603		mg/Kg		130	70 - 130	13	35
o-Xylene	0.100	0.1262		mg/Kg		126	70 - 130	13	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	140	S1+	70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: 890-2953-1 MS

Matrix: Solid

Analysis Batch: 35226

Client Sample ID: SW-1

Prep Type: Total/NA

Prep Batch: 35190

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.0998	0.1117		mg/Kg			
Toluene	<0.00201	U	0.0998	0.09316		mg/Kg			
Ethylbenzene	<0.00201	U	0.0998	0.09952		mg/Kg			
m-Xylene & p-Xylene	<0.00402	U	0.200	0.2174		mg/Kg			
o-Xylene	<0.00201	U	0.0998	0.1073		mg/Kg			

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)			
1,4-Difluorobenzene (Surr)			

Lab Sample ID: 890-2953-1 MSD

Matrix: Solid

Analysis Batch: 35226

Client Sample ID: SW-1

Prep Type: Total/NA

Prep Batch: 35190

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.100	0.08945		mg/Kg					
Toluene	<0.00201	U	0.100	0.07776		mg/Kg					
Ethylbenzene	<0.00201	U	0.100	0.08181		mg/Kg					
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1799		mg/Kg					
o-Xylene	<0.00201	U	0.100	0.08818		mg/Kg					

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)			
1,4-Difluorobenzene (Surr)			

Lab Sample ID: MB 880-35192/5-A

Matrix: Solid

Analysis Batch: 35226

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 35192

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:21	09/23/22 22:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:21	09/23/22 22:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:21	09/23/22 22:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/22/22 15:21	09/23/22 22:02	1

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QC Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

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

Lab Sample ID: MB 880-35192/5-A

Matrix: Solid

Analysis Batch: 35226

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 35192

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:21	09/23/22 22:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/22/22 15:21	09/23/22 22:02	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		70 - 130				09/22/22 15:21	09/23/22 22:02	1
1,4-Difluorobenzene (Surr)	92		70 - 130				09/22/22 15:21	09/23/22 22:02	1

Lab Sample ID: MB 880-35192/5-A

Matrix: Solid

Analysis Batch: 35327

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 35192

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:21	09/24/22 14:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:21	09/24/22 14:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:21	09/24/22 14:42	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/22/22 15:21	09/24/22 14:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:21	09/24/22 14:42	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/22/22 15:21	09/24/22 14:42	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130				09/22/22 15:21	09/24/22 14:42	1
1,4-Difluorobenzene (Surr)	90		70 - 130				09/22/22 15:21	09/24/22 14:42	1

Lab Sample ID: LCS 880-35192/1-A

Matrix: Solid

Analysis Batch: 35327

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 35192

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1132		mg/Kg		113	70 - 130
Toluene	0.100	0.08981		mg/Kg		90	70 - 130
Ethylbenzene	0.100	0.09183		mg/Kg		92	70 - 130
m-Xylene & p-Xylene	0.200	0.1968		mg/Kg		98	70 - 130
o-Xylene	0.100	0.09744		mg/Kg		97	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	126		70 - 130				
1,4-Difluorobenzene (Surr)	111		70 - 130				

Lab Sample ID: LCSD 880-35192/2-A

Matrix: Solid

Analysis Batch: 35327

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 35192

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1017		mg/Kg		102	70 - 130	11	35
Toluene	0.100	0.08599		mg/Kg		86	70 - 130	4	35
Ethylbenzene	0.100	0.08693		mg/Kg		87	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.1883		mg/Kg		94	70 - 130	4	35
o-Xylene	0.100	0.09402		mg/Kg		94	70 - 130	4	35

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QC Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

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

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: 890-2953-21 MS

Matrix: Solid

Analysis Batch: 35327

Client Sample ID: CS-10

Prep Type: Total/NA

Prep Batch: 35192

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U F1 F2	0.0998	0.01449	F1	mg/Kg		15	70 - 130
Toluene	<0.00201	U F1 F2	0.0998	0.01337	F1	mg/Kg		13	70 - 130
Ethylbenzene	<0.00201	U F1 F2	0.0998	0.006244	F1	mg/Kg		6	70 - 130
m-Xylene & p-Xylene	<0.00402	U F1 F2	0.200	0.02313	F1	mg/Kg		12	70 - 130
o-Xylene	<0.00201	U F1 F2	0.0998	0.02658	F1	mg/Kg		27	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	155	S1+	70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: 890-2953-21 MSD

Matrix: Solid

Analysis Batch: 35327

Client Sample ID: CS-10

Prep Type: Total/NA

Prep Batch: 35192

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00201	U F1 F2	0.100	0.06974	F2	mg/Kg		70	70 - 130	131	35
Toluene	<0.00201	U F1 F2	0.100	0.05099	F1 F2	mg/Kg		51	70 - 130	117	35
Ethylbenzene	<0.00201	U F1 F2	0.100	0.03166	F1 F2	mg/Kg		32	70 - 130	134	35
m-Xylene & p-Xylene	<0.00402	U F1 F2	0.200	0.1014	F1 F2	mg/Kg		51	70 - 130	126	35
o-Xylene	<0.00201	U F1 F2	0.100	0.06507	F1 F2	mg/Kg		65	70 - 130	84	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	136	S1+	70 - 130
1,4-Difluorobenzene (Surr)	112		70 - 130

Lab Sample ID: MB 880-35193/5-A

Matrix: Solid

Analysis Batch: 35231

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 35193

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:23	09/24/22 00:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:23	09/24/22 00:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:23	09/24/22 00:03	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/22/22 15:23	09/24/22 00:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:23	09/24/22 00:03	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/22/22 15:23	09/24/22 00:03	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
4-Bromofluorobenzene (Surr)	104		70 - 130	09/22/22 15:23	09/24/22 00:03	1			
1,4-Difluorobenzene (Surr)	110		70 - 130	09/22/22 15:23	09/24/22 00:03	1			

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QC Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

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

Lab Sample ID: LCS 880-35193/1-A

Matrix: Solid

Analysis Batch: 35231

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 35193

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09428		mg/Kg		94	70 - 130
Toluene	0.100	0.08863		mg/Kg		89	70 - 130
Ethylbenzene	0.100	0.08927		mg/Kg		89	70 - 130
m-Xylene & p-Xylene	0.200	0.1853		mg/Kg		93	70 - 130
o-Xylene	0.100	0.09545		mg/Kg		95	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-35193/2-A

Matrix: Solid

Analysis Batch: 35231

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 35193

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1001		mg/Kg		100	70 - 130	6	35
Toluene	0.100	0.08096		mg/Kg		81	70 - 130	9	35
Ethylbenzene	0.100	0.07819		mg/Kg		78	70 - 130	13	35
m-Xylene & p-Xylene	0.200	0.1596		mg/Kg		80	70 - 130	15	35
o-Xylene	0.100	0.07997		mg/Kg		80	70 - 130	18	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	83		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: 890-2953-41 MS

Matrix: Solid

Analysis Batch: 35231

Client Sample ID: CS-30

Prep Type: Total/NA

Prep Batch: 35193

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U F1	0.100	0.06194	F1	mg/Kg		61	70 - 130
Toluene	<0.00201	U F1	0.100	0.06258	F1	mg/Kg		62	70 - 130
Ethylbenzene	<0.00201	U F1	0.100	0.05871	F1	mg/Kg		59	70 - 130
m-Xylene & p-Xylene	<0.00402	U F1	0.200	0.1178	F1	mg/Kg		59	70 - 130
o-Xylene	<0.00201	U F1	0.100	0.06562	F1	mg/Kg		65	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 890-2953-41 MSD

Matrix: Solid

Analysis Batch: 35231

Client Sample ID: CS-30

Prep Type: Total/NA

Prep Batch: 35193

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U F1	0.0998	0.08214		mg/Kg		82	70 - 130	28	35
Toluene	<0.00201	U F1	0.0998	0.06353	F1	mg/Kg		63	70 - 130	2	35
Ethylbenzene	<0.00201	U F1	0.0998	0.05210	F1	mg/Kg		52	70 - 130	12	35

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QC Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

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

Lab Sample ID: 890-2953-41 MSD

Client Sample ID: CS-30

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 35231

Prep Batch: 35193

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00402	U F1	0.200	0.1043	F1	mg/Kg		52	70 - 130	12	35
o-Xylene	<0.00201	U F1	0.0998	0.05685	F1	mg/Kg		57	70 - 130	14	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	88		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: MB 880-35198/5-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 35227

Prep Batch: 35198

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:35	09/23/22 21:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:35	09/23/22 21:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:35	09/23/22 21:29	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/22/22 15:35	09/23/22 21:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/22/22 15:35	09/23/22 21:29	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/22/22 15:35	09/23/22 21:29	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	09/22/22 15:35	09/23/22 21:29	1
1,4-Difluorobenzene (Surr)	78		70 - 130	09/22/22 15:35	09/23/22 21:29	1

Lab Sample ID: LCS 880-35198/1-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 35227

Prep Batch: 35198

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09191		mg/Kg		92	70 - 130
Toluene	0.100	0.08545		mg/Kg		85	70 - 130
Ethylbenzene	0.100	0.09090		mg/Kg		91	70 - 130
m-Xylene & p-Xylene	0.200	0.1922		mg/Kg		96	70 - 130
o-Xylene	0.100	0.1086		mg/Kg		109	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	120		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: LCSD 880-35198/2-A

Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 35227

Prep Batch: 35198

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08728		mg/Kg		87	70 - 130	5	35
Toluene	0.100	0.08104		mg/Kg		81	70 - 130	5	35
Ethylbenzene	0.100	0.08609		mg/Kg		86	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.1778		mg/Kg		89	70 - 130	8	35
o-Xylene	0.100	0.1069		mg/Kg		107	70 - 130	2	35

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QC Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

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

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	117		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: 890-2953-61 MS

Client Sample ID: CS-50

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 35227

Prep Batch: 35198

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00201	U F2 F1	0.100	0.03739	F1	mg/Kg		37	70 - 130	
Toluene	<0.00201	U F2 F1	0.100	0.04389	F1	mg/Kg		44	70 - 130	
Ethylbenzene	<0.00201	U F2 F1	0.100	0.05197	F1	mg/Kg		52	70 - 130	
m-Xylene & p-Xylene	<0.00402	U F2 F1	0.201	0.09854	F1	mg/Kg		49	70 - 130	
o-Xylene	<0.00201	U F2 F1	0.100	0.05897	F1	mg/Kg		59	70 - 130	

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	134	S1+	70 - 130
1,4-Difluorobenzene (Surr)	88		70 - 130

Lab Sample ID: 890-2953-61 MSD

Client Sample ID: CS-50

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 35227

Prep Batch: 35198

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	<0.00201	U F2 F1	0.0990	0.06926	F2	mg/Kg		70	70 - 130	60	35	
Toluene	<0.00201	U F2 F1	0.0990	0.06230	F1	mg/Kg		63	70 - 130	35	35	
Ethylbenzene	<0.00201	U F2 F1	0.0990	0.06203	F1	mg/Kg		63	70 - 130	18	35	
m-Xylene & p-Xylene	<0.00402	U F2 F1	0.198	0.1235	F1	mg/Kg		62	70 - 130	22	35	
o-Xylene	<0.00201	U F2 F1	0.0990	0.07774		mg/Kg		79	70 - 130	27	35	

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	122		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: MB 880-35229/5-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 35231

Prep Batch: 35229

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00200	U	0.00200		mg/Kg		09/23/22 08:29	09/23/22 12:27	1	
Toluene	<0.00200	U	0.00200		mg/Kg		09/23/22 08:29	09/23/22 12:27	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/23/22 08:29	09/23/22 12:27	1	
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/23/22 08:29	09/23/22 12:27	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/23/22 08:29	09/23/22 12:27	1	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/23/22 08:29	09/23/22 12:27	1	

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac				
4-Bromofluorobenzene (Surr)	100		70 - 130	09/23/22 08:29	09/23/22 12:27	1				
1,4-Difluorobenzene (Surr)	115		70 - 130	09/23/22 08:29	09/23/22 12:27	1				

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QC Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

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

Lab Sample ID: MB 880-35334/5-A

Matrix: Solid

Analysis Batch: 35332

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 35334

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/25/22 12:10	09/25/22 14:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/25/22 12:10	09/25/22 14:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/25/22 12:10	09/25/22 14:37	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/25/22 12:10	09/25/22 14:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/25/22 12:10	09/25/22 14:37	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/25/22 12:10	09/25/22 14:37	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		70 - 130	09/25/22 12:10	09/25/22 14:37	1
1,4-Difluorobenzene (Surr)	91		70 - 130	09/25/22 12:10	09/25/22 14:37	1

Lab Sample ID: LCS 880-35334/1-A

Matrix: Solid

Analysis Batch: 35332

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 35334

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1052		mg/Kg		105	70 - 130
Toluene	0.100	0.08973		mg/Kg		90	70 - 130
Ethylbenzene	0.100	0.09462		mg/Kg		95	70 - 130
m-Xylene & p-Xylene	0.200	0.2011		mg/Kg		101	70 - 130
o-Xylene	0.100	0.1015		mg/Kg		101	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	125		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: LCSD 880-35334/2-A

Matrix: Solid

Analysis Batch: 35332

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 35334

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.07687		mg/Kg		77	70 - 130	31	35
Toluene	0.100	0.07263		mg/Kg		73	70 - 130	21	35
Ethylbenzene	0.100	0.08230		mg/Kg		82	70 - 130	14	35
m-Xylene & p-Xylene	0.200	0.1695		mg/Kg		85	70 - 130	17	35
o-Xylene	0.100	0.08630		mg/Kg		86	70 - 130	16	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 890-2953-23 MS

Matrix: Solid

Analysis Batch: 35332

Client Sample ID: CS-12

Prep Type: Total/NA

Prep Batch: 35334

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00202	U	0.100	0.1171		mg/Kg		117	70 - 130
Toluene	<0.00202	U	0.100	0.09828		mg/Kg		98	70 - 130

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QC Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

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

Lab Sample ID: 890-2953-23 MS

Client Sample ID: CS-12

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 35332

Prep Batch: 35334

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00202	U	0.100	0.1011		mg/Kg		101	70 - 130
m-Xylene & p-Xylene	<0.00403	U	0.200	0.2181		mg/Kg		109	70 - 130
o-Xylene	<0.00202	U	0.100	0.1073		mg/Kg		106	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	136	S1+	70 - 130
1,4-Difluorobenzene (Surr)	113		70 - 130

Lab Sample ID: 890-2953-23 MSD

Client Sample ID: CS-12

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 35332

Prep Batch: 35334

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U	0.100	0.09530		mg/Kg		95	70 - 130	21	35
Toluene	<0.00202	U	0.100	0.08497		mg/Kg		85	70 - 130	15	35
Ethylbenzene	<0.00202	U	0.100	0.09309		mg/Kg		93	70 - 130	8	35
m-Xylene & p-Xylene	<0.00403	U	0.201	0.1986		mg/Kg		99	70 - 130	9	35
o-Xylene	<0.00202	U	0.100	0.1004		mg/Kg		99	70 - 130	7	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: MB 880-35335/5-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 35348

Prep Batch: 35335

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/25/22 12:23	09/26/22 11:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/25/22 12:23	09/26/22 11:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/25/22 12:23	09/26/22 11:52	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/25/22 12:23	09/26/22 11:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/25/22 12:23	09/26/22 11:52	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/25/22 12:23	09/26/22 11:52	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	09/25/22 12:23	09/26/22 11:52	1
1,4-Difluorobenzene (Surr)	114		70 - 130	09/25/22 12:23	09/26/22 11:52	1

Lab Sample ID: LCS 880-35335/1-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 35348

Prep Batch: 35335

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1061		mg/Kg		106	70 - 130
Toluene	0.100	0.08108		mg/Kg		81	70 - 130
Ethylbenzene	0.100	0.08013		mg/Kg		80	70 - 130
m-Xylene & p-Xylene	0.200	0.1640		mg/Kg		82	70 - 130

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QC Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

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

Lab Sample ID: LCS 880-35335/1-A

Matrix: Solid

Analysis Batch: 35348

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 35335

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.08017		mg/Kg		80	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	81		70 - 130				
1,4-Difluorobenzene (Surr)	106		70 - 130				

Lab Sample ID: LCSD 880-35335/2-A

Matrix: Solid

Analysis Batch: 35348

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 35335

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.1107		mg/Kg		111	70 - 130	4	35
Toluene	0.100	0.08514		mg/Kg		85	70 - 130	5	35
Ethylbenzene	0.100	0.08106		mg/Kg		81	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.1650		mg/Kg		83	70 - 130	1	35
o-Xylene	0.100	0.08115		mg/Kg		81	70 - 130	1	35
Surrogate	%Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	82		70 - 130						
1,4-Difluorobenzene (Surr)	110		70 - 130						

Lab Sample ID: 890-2953-53 MS

Matrix: Solid

Analysis Batch: 35348

Client Sample ID: CS-42

Prep Type: Total/NA

Prep Batch: 35335

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00198	U	0.0998	0.09826		mg/Kg		98	70 - 130
Toluene	<0.00198	U	0.0998	0.07700		mg/Kg		77	70 - 130
Ethylbenzene	<0.00198	U	0.0998	0.07393		mg/Kg		73	70 - 130
m-Xylene & p-Xylene	<0.00396	U	0.200	0.1519		mg/Kg		76	70 - 130
o-Xylene	<0.00198	U	0.0998	0.07740		mg/Kg		77	70 - 130
Surrogate	%Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	87		70 - 130						
1,4-Difluorobenzene (Surr)	109		70 - 130						

Lab Sample ID: 890-2953-53 MSD

Matrix: Solid

Analysis Batch: 35348

Client Sample ID: CS-42

Prep Type: Total/NA

Prep Batch: 35335

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00198	U	0.101	0.1007		mg/Kg		100	70 - 130	2	35
Toluene	<0.00198	U	0.101	0.08148		mg/Kg		80	70 - 130	6	35
Ethylbenzene	<0.00198	U	0.101	0.07809		mg/Kg		77	70 - 130	5	35
m-Xylene & p-Xylene	<0.00396	U	0.202	0.1613		mg/Kg		79	70 - 130	6	35
o-Xylene	<0.00198	U	0.101	0.08219		mg/Kg		81	70 - 130	6	35

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QC Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

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

Lab Sample ID: 890-2953-53 MSD

Client Sample ID: CS-42

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 35348

Prep Batch: 35335

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	90		70 - 130
1,4-Difluorobenzene (Surr)	111		70 - 130

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

Lab Sample ID: MB 880-34600/1-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 34707

Prep Batch: 34600

	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		09/15/22 15:00	09/17/22 20:03	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/15/22 15:00	09/17/22 20:03	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/15/22 15:00	09/17/22 20:03	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
1-Chlorooctane	119		70 - 130				09/15/22 15:00	09/17/22 20:03	1	
o-Terphenyl	125		70 - 130				09/15/22 15:00	09/17/22 20:03	1	

Lab Sample ID: LCS 880-34600/2-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 34707

Prep Batch: 34600

			Spike	LCS	LCS				%Rec	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10			1000	827.8		mg/Kg		83	70 - 130	
Diesel Range Organics (Over C10-C28)			1000	927.5		mg/Kg		93	70 - 130	
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	100		70 - 130							
o-Terphenyl	104		70 - 130							

Lab Sample ID: LCSD 880-34600/3-A

Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 34707

Prep Batch: 34600

			Spike	LCSD	LCSD				%Rec		RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10			1000	883.3		mg/Kg		88	70 - 130	6	20	
Diesel Range Organics (Over C10-C28)			1000	921.9		mg/Kg		92	70 - 130	1	20	
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	99		70 - 130									
o-Terphenyl	102		70 - 130									

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QC Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

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

Lab Sample ID: 890-2949-A-1-C MS

Matrix: Solid

Analysis Batch: 34707

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 34600

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	996	494.2	F1	mg/Kg		48	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	996	758.4		mg/Kg		76	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	78		70 - 130						
o-Terphenyl	73		70 - 130						

Lab Sample ID: 890-2949-A-1-D MSD

Matrix: Solid

Analysis Batch: 34707

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 34600

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	999	549.9	F1	mg/Kg		53	70 - 130	11	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	844.1		mg/Kg		84	70 - 130	11	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	85		70 - 130								
o-Terphenyl	81		70 - 130								

Lab Sample ID: MB 880-34601/1-A

Matrix: Solid

Analysis Batch: 34628

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 34601

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/15/22 15:04	09/16/22 07:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/15/22 15:04	09/16/22 07:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/15/22 15:04	09/16/22 07:29	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	133	S1+	70 - 130				09/15/22 15:04	09/16/22 07:29	1
o-Terphenyl	151	S1+	70 - 130				09/15/22 15:04	09/16/22 07:29	1

Lab Sample ID: LCS 880-34601/2-A

Matrix: Solid

Analysis Batch: 34628

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 34601

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	988.0		mg/Kg		99	70 - 130
Diesel Range Organics (Over C10-C28)	1000	909.1		mg/Kg		91	70 - 130

Eurofins Carlsbad

QC Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

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

Lab Sample ID: LCS 880-34601/2-A

Matrix: Solid

Analysis Batch: 34628

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 34601

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	118		70 - 130
o-Terphenyl	132	S1+	70 - 130

Lab Sample ID: LCSD 880-34601/3-A

Matrix: Solid

Analysis Batch: 34628

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 34601

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	720.6	*1	mg/Kg		72	70 - 130	31	20
Diesel Range Organics (Over C10-C28)	1000	752.2		mg/Kg		75	70 - 130	19	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	99		70 - 130
o-Terphenyl	110		70 - 130

Lab Sample ID: 890-2940-A-1-C MS

Matrix: Solid

Analysis Batch: 34628

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 34601

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	996	866.0		mg/Kg		85	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	996	1008		mg/Kg		99	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	90		70 - 130
o-Terphenyl	85		70 - 130

Lab Sample ID: 890-2940-A-1-D MSD

Matrix: Solid

Analysis Batch: 34628

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 34601

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	999	920.4		mg/Kg		90	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	1015		mg/Kg		99	70 - 130	1	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	91		70 - 130
o-Terphenyl	84		70 - 130

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QC Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

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

Lab Sample ID: MB 880-34632/1-A

Matrix: Solid

Analysis Batch: 34705

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 34632

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/16/22 08:49	09/17/22 10:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/16/22 08:49	09/17/22 10:17	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/16/22 08:49	09/17/22 10:17	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	158	S1+	70 - 130				09/16/22 08:49	09/17/22 10:17	1
o-Terphenyl	150	S1+	70 - 130				09/16/22 08:49	09/17/22 10:17	1

Lab Sample ID: LCS 880-34632/2-A

Matrix: Solid

Analysis Batch: 34705

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 34632

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1078		mg/Kg		108	70 - 130
Diesel Range Organics (Over C10-C28)	1000	912.5		mg/Kg		91	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	117		70 - 130				
o-Terphenyl	97		70 - 130				

Lab Sample ID: LCSD 880-34632/3-A

Matrix: Solid

Analysis Batch: 34705

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 34632

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1062		mg/Kg		106	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	893.2		mg/Kg		89	70 - 130	2	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	122		70 - 130						
o-Terphenyl	93		70 - 130						

Lab Sample ID: 890-2953-1 MS

Matrix: Solid

Analysis Batch: 34705

Client Sample ID: SW-1

Prep Type: Total/NA

Prep Batch: 34632

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F2	996	986.0		mg/Kg		97	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	996	1167		mg/Kg		115	70 - 130

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QC Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

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

Lab Sample ID: 890-2953-1 MS

Matrix: Solid

Analysis Batch: 34705

Client Sample ID: SW-1

Prep Type: Total/NA

Prep Batch: 34632

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	135	S1+	70 - 130
o-Terphenyl	102		70 - 130

Lab Sample ID: 890-2953-1 MSD

Matrix: Solid

Analysis Batch: 34705

Client Sample ID: SW-1

Prep Type: Total/NA

Prep Batch: 34632

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F2	999	802.6	F2	mg/Kg		79	70 - 130	21	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	957.1		mg/Kg		94	70 - 130	20	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	113		70 - 130
o-Terphenyl	84		70 - 130

Lab Sample ID: MB 880-34633/1-A

Matrix: Solid

Analysis Batch: 34628

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 34633

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/16/22 08:52	09/16/22 17:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/16/22 08:52	09/16/22 17:48	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/16/22 08:52	09/16/22 17:48	1

	MB	MB					Prepared	Analyzed	Dil Fac
Surrogate	%Recovery	Qualifier	Limits						
1-Chlorooctane	116		70 - 130				09/16/22 08:52	09/16/22 17:48	1
o-Terphenyl	133	S1+	70 - 130				09/16/22 08:52	09/16/22 17:48	1

Lab Sample ID: LCS 880-34633/2-A

Matrix: Solid

Analysis Batch: 34628

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 34633

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	765.6		mg/Kg		77	70 - 130
Diesel Range Organics (Over C10-C28)	1000	756.6		mg/Kg		76	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	99		70 - 130
o-Terphenyl	111		70 - 130

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QC Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

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

Lab Sample ID: LCSD 880-34633/3-A

Matrix: Solid

Analysis Batch: 34628

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 34633

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1108	*1	mg/Kg		111	70 - 130	37	20
Diesel Range Organics (Over C10-C28)	1000	1089	*1	mg/Kg		109	70 - 130	36	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	115		70 - 130						
o-Terphenyl	126		70 - 130						

Lab Sample ID: 890-2953-21 MS

Matrix: Solid

Analysis Batch: 34628

Client Sample ID: CS-10

Prep Type: Total/NA

Prep Batch: 34633

	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 *1 F1	996	554.7	F1	mg/Kg		54	70 - 130			
Diesel Range Organics (Over C10-C28)	103	*1 F1	996	865.5		mg/Kg		77	70 - 130			

Lab Sample ID: 890-2953-21 MSD

Matrix: Solid

Analysis Batch: 34628

Client Sample ID: CS-10

Prep Type: Total/NA

Prep Batch: 34633

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1 F1	999	526.2	F1	mg/Kg		51	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	103	*1 F1	999	784.2	F1	mg/Kg		68	70 - 130	10	20

Lab Sample ID: MB 880-34648/1-A

Matrix: Solid

Analysis Batch: 34707

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 34648

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/16/22 09:40	09/17/22 10:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/16/22 09:40	09/17/22 10:17	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/16/22 09:40	09/17/22 10:17	1

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QC Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

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

Lab Sample ID: MB 880-34648/1-A

Matrix: Solid

Analysis Batch: 34707

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 34648

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130	09/16/22 09:40	09/17/22 10:17	1
o-Terphenyl	121		70 - 130	09/16/22 09:40	09/17/22 10:17	1

Lab Sample ID: LCS 880-34648/2-A

Matrix: Solid

Analysis Batch: 34707

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 34648

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	806.8		mg/Kg		81	70 - 130
Diesel Range Organics (Over C10-C28)	1000	857.7		mg/Kg		86	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	102		70 - 130
o-Terphenyl	110		70 - 130

Lab Sample ID: LCSD 880-34648/3-A

Matrix: Solid

Analysis Batch: 34707

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 34648

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	809.8		mg/Kg		81	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	1000	828.1		mg/Kg		83	70 - 130	4	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	101		70 - 130
o-Terphenyl	103		70 - 130

Lab Sample ID: 890-2953-41 MS

Matrix: Solid

Analysis Batch: 34707

Client Sample ID: CS-30

Prep Type: Total/NA

Prep Batch: 34648

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	996	440.3	F1	mg/Kg		42	70 - 130
Diesel Range Organics (Over C10-C28)	169	F1	996	756.8	F1	mg/Kg		59	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	71		70 - 130
o-Terphenyl	58	S1-	70 - 130

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QC Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

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

Lab Sample ID: 890-2953-41 MSD

Matrix: Solid

Analysis Batch: 34707

Client Sample ID: CS-30

Prep Type: Total/NA

Prep Batch: 34648

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	999	485.5	F1	mg/Kg		47	70 - 130	10	20
Diesel Range Organics (Over C10-C28)	169	F1	999	774.9	F1	mg/Kg		61	70 - 130	2	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	69	S1-	70 - 130								
o-Terphenyl	58	S1-	70 - 130								

Lab Sample ID: MB 880-34675/1-A

Matrix: Solid

Analysis Batch: 34626

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 34675

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/16/22 11:48	09/17/22 03:30	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/16/22 11:48	09/17/22 03:30	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/16/22 11:48	09/17/22 03:30	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	135	S1+	70 - 130				09/16/22 11:48	09/17/22 03:30	1
o-Terphenyl	145	S1+	70 - 130				09/16/22 11:48	09/17/22 03:30	1

Lab Sample ID: LCS 880-34675/2-A

Matrix: Solid

Analysis Batch: 34626

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 34675

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	1086		mg/Kg		109	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	1082		mg/Kg		108	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane	125		70 - 130						
o-Terphenyl	117		70 - 130						

Lab Sample ID: LCSD 880-34675/3-A

Matrix: Solid

Analysis Batch: 34626

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 34675

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1081		mg/Kg		108	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	1000	1029		mg/Kg		103	70 - 130	5	20

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QC Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

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

Lab Sample ID: LCSD 880-34675/3-A

Matrix: Solid

Analysis Batch: 34626

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 34675

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	120		70 - 130
o-Terphenyl	111		70 - 130

Lab Sample ID: 890-2976-A-1-C MS

Matrix: Solid

Analysis Batch: 34626

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 34675

	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	996	838.9		mg/Kg		84	70 - 130	
Diesel Range Organics (Over C10-C28)	<49.9	U	996	1028		mg/Kg		98	70 - 130	
	MS	MS								
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	133	S1+	70 - 130							
o-Terphenyl	107		70 - 130							

Lab Sample ID: 890-2976-A-1-D MSD

Matrix: Solid

Analysis Batch: 34626

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 34675

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	809.4		mg/Kg		81	70 - 130	4	20	
Diesel Range Organics (Over C10-C28)	<49.9	U	999	910.9		mg/Kg		86	70 - 130	12	20	
	MSD	MSD										
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	97		70 - 130									
o-Terphenyl	94		70 - 130									

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-34585/1-A

Matrix: Solid

Analysis Batch: 34944

Client Sample ID: Method Blank

Prep Type: Soluble

	MB	MB									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac		
Chloride	<5.00	U	5.00		mg/Kg			09/20/22 09:29	1		

Lab Sample ID: LCS 880-34585/2-A

Matrix: Solid

Analysis Batch: 34944

Client Sample ID: Lab Control Sample

Prep Type: Soluble

	Spike	LCS	LCS						%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Chloride	250	245.0		mg/Kg		98	90 - 110			

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QC Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-34585/3-A

Matrix: Solid

Analysis Batch: 34944

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	245.8		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 890-2953-1 MS

Matrix: Solid

Analysis Batch: 34944

Client Sample ID: SW-1

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	103		253	337.0		mg/Kg		93	90 - 110		

Lab Sample ID: 890-2953-1 MSD

Matrix: Solid

Analysis Batch: 34944

Client Sample ID: SW-1

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	103		253	337.9		mg/Kg		93	90 - 110	0	20

Lab Sample ID: 890-2953-11 MS

Matrix: Solid

Analysis Batch: 34944

Client Sample ID: SW-11

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	20.8		249	252.1		mg/Kg		93	90 - 110		

Lab Sample ID: 890-2953-11 MSD

Matrix: Solid

Analysis Batch: 34944

Client Sample ID: SW-11

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	20.8		249	251.7		mg/Kg		93	90 - 110	0	20

Lab Sample ID: MB 880-34586/1-A

Matrix: Solid

Analysis Batch: 34945

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			09/20/22 13:08	1

Lab Sample ID: LCS 880-34586/2-A

Matrix: Solid

Analysis Batch: 34945

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	250.2		mg/Kg		100	90 - 110		

Lab Sample ID: LCSD 880-34586/3-A

Matrix: Solid

Analysis Batch: 34945

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	251.3		mg/Kg		101	90 - 110	0	20

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QC Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-2953-21 MS

Matrix: Solid

Analysis Batch: 34945

Client Sample ID: CS-10

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	319		253	545.7		mg/Kg		90	90 - 110		

Lab Sample ID: 890-2953-21 MSD

Matrix: Solid

Analysis Batch: 34945

Client Sample ID: CS-10

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	319		253	553.7		mg/Kg		93	90 - 110	1	20

Lab Sample ID: 890-2953-31 MS

Matrix: Solid

Analysis Batch: 34945

Client Sample ID: CS-20

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	362		253	596.7		mg/Kg		93	90 - 110		

Lab Sample ID: 890-2953-31 MSD

Matrix: Solid

Analysis Batch: 34945

Client Sample ID: CS-20

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	362		253	594.8		mg/Kg		92	90 - 110	0	20

Lab Sample ID: MB 880-34587/1-A

Matrix: Solid

Analysis Batch: 34946

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			09/20/22 19:03	1

Lab Sample ID: LCS 880-34587/2-A

Matrix: Solid

Analysis Batch: 34946

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	250	245.3		mg/Kg		98	90 - 110		

Lab Sample ID: LCSD 880-34587/3-A

Matrix: Solid

Analysis Batch: 34946

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	247.0		mg/Kg		99	90 - 110	1	20

Lab Sample ID: 890-2953-41 MS

Matrix: Solid

Analysis Batch: 34946

Client Sample ID: CS-30

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	54.4		252	289.3		mg/Kg		93	90 - 110		

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QC Sample Results

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-2953-41 MSD

Matrix: Solid

Analysis Batch: 34946

Client Sample ID: CS-30

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	54.4		252	291.0		mg/Kg		94	90 - 110	1	20

Lab Sample ID: 890-2953-51 MS

Matrix: Solid

Analysis Batch: 34946

Client Sample ID: CS-40

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	108		250	341.7		mg/Kg		94	90 - 110		

Lab Sample ID: 890-2953-51 MSD

Matrix: Solid

Analysis Batch: 34946

Client Sample ID: CS-40

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	108		250	342.1		mg/Kg		94	90 - 110	0	20

Lab Sample ID: MB 880-34588/1-A

Matrix: Solid

Analysis Batch: 34947

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			09/21/22 06:05	1

Lab Sample ID: LCS 880-34588/2-A

Matrix: Solid

Analysis Batch: 34947

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	250	251.9		mg/Kg		101	90 - 110		

Lab Sample ID: LCSD 880-34588/3-A

Matrix: Solid

Analysis Batch: 34947

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	252.7		mg/Kg		101	90 - 110	0	20

Lab Sample ID: 890-2953-61 MS

Matrix: Solid

Analysis Batch: 34947

Client Sample ID: CS-50

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	121		248	365.6		mg/Kg		99	90 - 110		

Lab Sample ID: 890-2953-61 MSD

Matrix: Solid

Analysis Batch: 34947

Client Sample ID: CS-50

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	121		248	365.9		mg/Kg		99	90 - 110	0	20

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QC Association Summary

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

GC VOA

Prep Batch: 35092

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-35092/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 35106

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-35106/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 35190

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2953-1	SW-1	Total/NA	Solid	5035	
890-2953-2	SW-2	Total/NA	Solid	5035	
890-2953-3	SW-3	Total/NA	Solid	5035	
890-2953-4	SW-4	Total/NA	Solid	5035	
890-2953-5	SW-5	Total/NA	Solid	5035	
890-2953-6	SW-6	Total/NA	Solid	5035	
890-2953-7	SW-7	Total/NA	Solid	5035	
890-2953-8	SW-8	Total/NA	Solid	5035	
890-2953-9	SW-9	Total/NA	Solid	5035	
890-2953-10	SW-10	Total/NA	Solid	5035	
890-2953-11	SW-11	Total/NA	Solid	5035	
890-2953-12	CS-1	Total/NA	Solid	5035	
890-2953-13	CS-2	Total/NA	Solid	5035	
890-2953-14	CS-3	Total/NA	Solid	5035	
890-2953-15	CS-4	Total/NA	Solid	5035	
890-2953-16	CS-5	Total/NA	Solid	5035	
890-2953-17	CS-6	Total/NA	Solid	5035	
890-2953-18	CS-7	Total/NA	Solid	5035	
890-2953-19	CS-8	Total/NA	Solid	5035	
890-2953-20	CS-9	Total/NA	Solid	5035	
LCS 880-35190/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-35190/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2953-1 MS	SW-1	Total/NA	Solid	5035	
890-2953-1 MSD	SW-1	Total/NA	Solid	5035	

Prep Batch: 35192

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2953-21	CS-10	Total/NA	Solid	5035	
890-2953-22	CS-11	Total/NA	Solid	5035	
MB 880-35192/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-35192/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-35192/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2953-21 MS	CS-10	Total/NA	Solid	5035	
890-2953-21 MSD	CS-10	Total/NA	Solid	5035	

Prep Batch: 35193

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2953-41	CS-30	Total/NA	Solid	5035	
890-2953-42	CS-31	Total/NA	Solid	5035	
890-2953-43	CS-32	Total/NA	Solid	5035	
890-2953-44	CS-33	Total/NA	Solid	5035	
890-2953-45	CS-34	Total/NA	Solid	5035	
890-2953-46	CS-35	Total/NA	Solid	5035	

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QC Association Summary

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

GC VOA (Continued)

Prep Batch: 35193 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2953-47	CS-36	Total/NA	Solid	5035	
890-2953-48	CS-37	Total/NA	Solid	5035	
890-2953-49	CS-38	Total/NA	Solid	5035	
890-2953-50	CS-39	Total/NA	Solid	5035	
MB 880-35193/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-35193/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-35193/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2953-41 MS	CS-30	Total/NA	Solid	5035	
890-2953-41 MSD	CS-30	Total/NA	Solid	5035	

Prep Batch: 35198

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2953-61	CS-50	Total/NA	Solid	5035	
890-2953-62	CS-51	Total/NA	Solid	5035	
890-2953-63	CS-52	Total/NA	Solid	5035	
890-2953-64	CS-53	Total/NA	Solid	5035	
890-2953-65	CS-54	Total/NA	Solid	5035	
890-2953-66	CS-55	Total/NA	Solid	5035	
890-2953-67	CS-56	Total/NA	Solid	5035	
890-2953-68	CS-57	Total/NA	Solid	5035	
890-2953-69	CS-58	Total/NA	Solid	5035	
MB 880-35198/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-35198/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-35198/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2953-61 MS	CS-50	Total/NA	Solid	5035	
890-2953-61 MSD	CS-50	Total/NA	Solid	5035	

Analysis Batch: 35226

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2953-1	SW-1	Total/NA	Solid	8021B	35190
890-2953-2	SW-2	Total/NA	Solid	8021B	35190
890-2953-3	SW-3	Total/NA	Solid	8021B	35190
890-2953-4	SW-4	Total/NA	Solid	8021B	35190
890-2953-5	SW-5	Total/NA	Solid	8021B	35190
890-2953-6	SW-6	Total/NA	Solid	8021B	35190
890-2953-7	SW-7	Total/NA	Solid	8021B	35190
890-2953-8	SW-8	Total/NA	Solid	8021B	35190
890-2953-9	SW-9	Total/NA	Solid	8021B	35190
890-2953-10	SW-10	Total/NA	Solid	8021B	35190
890-2953-11	SW-11	Total/NA	Solid	8021B	35190
890-2953-12	CS-1	Total/NA	Solid	8021B	35190
890-2953-13	CS-2	Total/NA	Solid	8021B	35190
890-2953-14	CS-3	Total/NA	Solid	8021B	35190
890-2953-15	CS-4	Total/NA	Solid	8021B	35190
890-2953-16	CS-5	Total/NA	Solid	8021B	35190
890-2953-17	CS-6	Total/NA	Solid	8021B	35190
890-2953-18	CS-7	Total/NA	Solid	8021B	35190
890-2953-19	CS-8	Total/NA	Solid	8021B	35190
890-2953-20	CS-9	Total/NA	Solid	8021B	35190
MB 880-35092/5-A	Method Blank	Total/NA	Solid	8021B	35092
MB 880-35192/5-A	Method Blank	Total/NA	Solid	8021B	35192

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QC Association Summary

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

GC VOA (Continued)

Analysis Batch: 35226 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-35190/1-A	Lab Control Sample	Total/NA	Solid	8021B	35190
LCSD 880-35190/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	35190
890-2953-1 MS	SW-1	Total/NA	Solid	8021B	35190
890-2953-1 MSD	SW-1	Total/NA	Solid	8021B	35190

Analysis Batch: 35227

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2953-61	CS-50	Total/NA	Solid	8021B	35198
890-2953-62	CS-51	Total/NA	Solid	8021B	35198
890-2953-63	CS-52	Total/NA	Solid	8021B	35198
890-2953-64	CS-53	Total/NA	Solid	8021B	35198
890-2953-65	CS-54	Total/NA	Solid	8021B	35198
890-2953-66	CS-55	Total/NA	Solid	8021B	35198
890-2953-67	CS-56	Total/NA	Solid	8021B	35198
890-2953-68	CS-57	Total/NA	Solid	8021B	35198
890-2953-69	CS-58	Total/NA	Solid	8021B	35198
MB 880-35106/5-A	Method Blank	Total/NA	Solid	8021B	35106
MB 880-35198/5-A	Method Blank	Total/NA	Solid	8021B	35198
LCS 880-35198/1-A	Lab Control Sample	Total/NA	Solid	8021B	35198
LCSD 880-35198/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	35198
890-2953-61 MS	CS-50	Total/NA	Solid	8021B	35198
890-2953-61 MSD	CS-50	Total/NA	Solid	8021B	35198

Prep Batch: 35229

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-35229/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 35231

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2953-41	CS-30	Total/NA	Solid	8021B	35193
890-2953-42	CS-31	Total/NA	Solid	8021B	35193
890-2953-43	CS-32	Total/NA	Solid	8021B	35193
890-2953-44	CS-33	Total/NA	Solid	8021B	35193
890-2953-45	CS-34	Total/NA	Solid	8021B	35193
890-2953-46	CS-35	Total/NA	Solid	8021B	35193
890-2953-47	CS-36	Total/NA	Solid	8021B	35193
890-2953-48	CS-37	Total/NA	Solid	8021B	35193
890-2953-49	CS-38	Total/NA	Solid	8021B	35193
890-2953-50	CS-39	Total/NA	Solid	8021B	35193
MB 880-35193/5-A	Method Blank	Total/NA	Solid	8021B	35193
MB 880-35229/5-A	Method Blank	Total/NA	Solid	8021B	35229
LCS 880-35193/1-A	Lab Control Sample	Total/NA	Solid	8021B	35193
LCSD 880-35193/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	35193
890-2953-41 MS	CS-30	Total/NA	Solid	8021B	35193
890-2953-41 MSD	CS-30	Total/NA	Solid	8021B	35193

Analysis Batch: 35327

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2953-21	CS-10	Total/NA	Solid	8021B	35192
890-2953-22	CS-11	Total/NA	Solid	8021B	35192
MB 880-35192/5-A	Method Blank	Total/NA	Solid	8021B	35192

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QC Association Summary

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

GC VOA (Continued)

Analysis Batch: 35327 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-35192/1-A	Lab Control Sample	Total/NA	Solid	8021B	35192
LCSD 880-35192/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	35192
890-2953-21 MS	CS-10	Total/NA	Solid	8021B	35192
890-2953-21 MSD	CS-10	Total/NA	Solid	8021B	35192

Analysis Batch: 35332

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2953-23	CS-12	Total/NA	Solid	8021B	35334
890-2953-24	CS-13	Total/NA	Solid	8021B	35334
890-2953-25	CS-14	Total/NA	Solid	8021B	35334
890-2953-26	CS-15	Total/NA	Solid	8021B	35334
890-2953-27	CS-16	Total/NA	Solid	8021B	35334
890-2953-28	CS-17	Total/NA	Solid	8021B	35334
890-2953-29	CS-18	Total/NA	Solid	8021B	35334
890-2953-30	CS-19	Total/NA	Solid	8021B	35334
890-2953-31	CS-20	Total/NA	Solid	8021B	35334
890-2953-32	CS-21	Total/NA	Solid	8021B	35334
890-2953-33	CS-22	Total/NA	Solid	8021B	35334
890-2953-34	CS-23	Total/NA	Solid	8021B	35334
890-2953-35	CS-24	Total/NA	Solid	8021B	35334
890-2953-36	CS-25	Total/NA	Solid	8021B	35334
890-2953-37	CS-26	Total/NA	Solid	8021B	35334
890-2953-38	CS-27	Total/NA	Solid	8021B	35334
890-2953-39	CS-28	Total/NA	Solid	8021B	35334
890-2953-40	CS-29	Total/NA	Solid	8021B	35334
890-2953-51	CS-40	Total/NA	Solid	8021B	35334
890-2953-52	CS-41	Total/NA	Solid	8021B	35334
MB 880-35334/5-A	Method Blank	Total/NA	Solid	8021B	35334
LCS 880-35334/1-A	Lab Control Sample	Total/NA	Solid	8021B	35334
LCSD 880-35334/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	35334
890-2953-23 MS	CS-12	Total/NA	Solid	8021B	35334
890-2953-23 MSD	CS-12	Total/NA	Solid	8021B	35334

Prep Batch: 35334

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2953-23	CS-12	Total/NA	Solid	5035	
890-2953-24	CS-13	Total/NA	Solid	5035	
890-2953-25	CS-14	Total/NA	Solid	5035	
890-2953-26	CS-15	Total/NA	Solid	5035	
890-2953-27	CS-16	Total/NA	Solid	5035	
890-2953-28	CS-17	Total/NA	Solid	5035	
890-2953-29	CS-18	Total/NA	Solid	5035	
890-2953-30	CS-19	Total/NA	Solid	5035	
890-2953-31	CS-20	Total/NA	Solid	5035	
890-2953-32	CS-21	Total/NA	Solid	5035	
890-2953-33	CS-22	Total/NA	Solid	5035	
890-2953-34	CS-23	Total/NA	Solid	5035	
890-2953-35	CS-24	Total/NA	Solid	5035	
890-2953-36	CS-25	Total/NA	Solid	5035	
890-2953-37	CS-26	Total/NA	Solid	5035	
890-2953-38	CS-27	Total/NA	Solid	5035	

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QC Association Summary

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

GC VOA (Continued)

Prep Batch: 35334 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2953-39	CS-28	Total/NA	Solid	5035	
890-2953-40	CS-29	Total/NA	Solid	5035	
890-2953-51	CS-40	Total/NA	Solid	5035	
890-2953-52	CS-41	Total/NA	Solid	5035	
MB 880-35334/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-35334/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-35334/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2953-23 MS	CS-12	Total/NA	Solid	5035	
890-2953-23 MSD	CS-12	Total/NA	Solid	5035	

Prep Batch: 35335

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2953-53	CS-42	Total/NA	Solid	5035	
890-2953-54	CS-43	Total/NA	Solid	5035	
890-2953-55	CS-44	Total/NA	Solid	5035	
890-2953-56	CS-45	Total/NA	Solid	5035	
890-2953-57	CS-46	Total/NA	Solid	5035	
890-2953-58	CS-47	Total/NA	Solid	5035	
890-2953-59	CS-48	Total/NA	Solid	5035	
890-2953-60	CS-49	Total/NA	Solid	5035	
MB 880-35335/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-35335/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-35335/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2953-53 MS	CS-42	Total/NA	Solid	5035	
890-2953-53 MSD	CS-42	Total/NA	Solid	5035	

Analysis Batch: 35348

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2953-53	CS-42	Total/NA	Solid	8021B	35335
890-2953-54	CS-43	Total/NA	Solid	8021B	35335
890-2953-55	CS-44	Total/NA	Solid	8021B	35335
890-2953-56	CS-45	Total/NA	Solid	8021B	35335
890-2953-57	CS-46	Total/NA	Solid	8021B	35335
890-2953-58	CS-47	Total/NA	Solid	8021B	35335
890-2953-59	CS-48	Total/NA	Solid	8021B	35335
890-2953-60	CS-49	Total/NA	Solid	8021B	35335
MB 880-35335/5-A	Method Blank	Total/NA	Solid	8021B	35335
LCS 880-35335/1-A	Lab Control Sample	Total/NA	Solid	8021B	35335
LCSD 880-35335/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	35335
890-2953-53 MS	CS-42	Total/NA	Solid	8021B	35335
890-2953-53 MSD	CS-42	Total/NA	Solid	8021B	35335

Analysis Batch: 35404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2953-1	SW-1	Total/NA	Solid	Total BTEX	
890-2953-2	SW-2	Total/NA	Solid	Total BTEX	
890-2953-3	SW-3	Total/NA	Solid	Total BTEX	
890-2953-4	SW-4	Total/NA	Solid	Total BTEX	
890-2953-5	SW-5	Total/NA	Solid	Total BTEX	
890-2953-6	SW-6	Total/NA	Solid	Total BTEX	
890-2953-7	SW-7	Total/NA	Solid	Total BTEX	

Eurofins Carlsbad

QC Association Summary

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

GC VOA (Continued)

Analysis Batch: 35404 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2953-8	SW-8	Total/NA	Solid	Total BTEX	
890-2953-9	SW-9	Total/NA	Solid	Total BTEX	
890-2953-10	SW-10	Total/NA	Solid	Total BTEX	
890-2953-11	SW-11	Total/NA	Solid	Total BTEX	
890-2953-12	CS-1	Total/NA	Solid	Total BTEX	
890-2953-13	CS-2	Total/NA	Solid	Total BTEX	
890-2953-14	CS-3	Total/NA	Solid	Total BTEX	
890-2953-15	CS-4	Total/NA	Solid	Total BTEX	
890-2953-16	CS-5	Total/NA	Solid	Total BTEX	
890-2953-17	CS-6	Total/NA	Solid	Total BTEX	
890-2953-18	CS-7	Total/NA	Solid	Total BTEX	
890-2953-19	CS-8	Total/NA	Solid	Total BTEX	
890-2953-20	CS-9	Total/NA	Solid	Total BTEX	
890-2953-21	CS-10	Total/NA	Solid	Total BTEX	
890-2953-22	CS-11	Total/NA	Solid	Total BTEX	
890-2953-23	CS-12	Total/NA	Solid	Total BTEX	
890-2953-24	CS-13	Total/NA	Solid	Total BTEX	
890-2953-25	CS-14	Total/NA	Solid	Total BTEX	
890-2953-26	CS-15	Total/NA	Solid	Total BTEX	
890-2953-27	CS-16	Total/NA	Solid	Total BTEX	
890-2953-28	CS-17	Total/NA	Solid	Total BTEX	
890-2953-29	CS-18	Total/NA	Solid	Total BTEX	
890-2953-30	CS-19	Total/NA	Solid	Total BTEX	
890-2953-31	CS-20	Total/NA	Solid	Total BTEX	
890-2953-32	CS-21	Total/NA	Solid	Total BTEX	
890-2953-33	CS-22	Total/NA	Solid	Total BTEX	
890-2953-34	CS-23	Total/NA	Solid	Total BTEX	
890-2953-35	CS-24	Total/NA	Solid	Total BTEX	
890-2953-36	CS-25	Total/NA	Solid	Total BTEX	
890-2953-37	CS-26	Total/NA	Solid	Total BTEX	
890-2953-38	CS-27	Total/NA	Solid	Total BTEX	
890-2953-39	CS-28	Total/NA	Solid	Total BTEX	
890-2953-40	CS-29	Total/NA	Solid	Total BTEX	
890-2953-41	CS-30	Total/NA	Solid	Total BTEX	
890-2953-42	CS-31	Total/NA	Solid	Total BTEX	
890-2953-43	CS-32	Total/NA	Solid	Total BTEX	
890-2953-44	CS-33	Total/NA	Solid	Total BTEX	
890-2953-45	CS-34	Total/NA	Solid	Total BTEX	
890-2953-46	CS-35	Total/NA	Solid	Total BTEX	
890-2953-47	CS-36	Total/NA	Solid	Total BTEX	
890-2953-48	CS-37	Total/NA	Solid	Total BTEX	
890-2953-49	CS-38	Total/NA	Solid	Total BTEX	
890-2953-50	CS-39	Total/NA	Solid	Total BTEX	
890-2953-51	CS-40	Total/NA	Solid	Total BTEX	
890-2953-52	CS-41	Total/NA	Solid	Total BTEX	
890-2953-53	CS-42	Total/NA	Solid	Total BTEX	
890-2953-54	CS-43	Total/NA	Solid	Total BTEX	
890-2953-55	CS-44	Total/NA	Solid	Total BTEX	
890-2953-56	CS-45	Total/NA	Solid	Total BTEX	
890-2953-57	CS-46	Total/NA	Solid	Total BTEX	
890-2953-58	CS-47	Total/NA	Solid	Total BTEX	

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GC VOA (Continued)

Analysis Batch: 35404 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2953-59	CS-48	Total/NA	Solid	Total BTEX	
890-2953-60	CS-49	Total/NA	Solid	Total BTEX	
890-2953-61	CS-50	Total/NA	Solid	Total BTEX	
890-2953-62	CS-51	Total/NA	Solid	Total BTEX	
890-2953-63	CS-52	Total/NA	Solid	Total BTEX	
890-2953-64	CS-53	Total/NA	Solid	Total BTEX	
890-2953-65	CS-54	Total/NA	Solid	Total BTEX	
890-2953-66	CS-55	Total/NA	Solid	Total BTEX	
890-2953-67	CS-56	Total/NA	Solid	Total BTEX	
890-2953-68	CS-57	Total/NA	Solid	Total BTEX	
890-2953-69	CS-58	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 34600

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2953-61	CS-50	Total/NA	Solid	8015NM Prep	
890-2953-62	CS-51	Total/NA	Solid	8015NM Prep	
MB 880-34600/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-34600/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-34600/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-2949-A-1-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-2949-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 34601

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2953-63	CS-52	Total/NA	Solid	8015NM Prep	
890-2953-64	CS-53	Total/NA	Solid	8015NM Prep	
890-2953-65	CS-54	Total/NA	Solid	8015NM Prep	
890-2953-66	CS-55	Total/NA	Solid	8015NM Prep	
MB 880-34601/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-34601/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-34601/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-2940-A-1-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-2940-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 34626

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2953-67	CS-56	Total/NA	Solid	8015B NM	34675
890-2953-68	CS-57	Total/NA	Solid	8015B NM	34675
890-2953-69	CS-58	Total/NA	Solid	8015B NM	34675
MB 880-34675/1-A	Method Blank	Total/NA	Solid	8015B NM	34675
LCS 880-34675/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	34675
LCSD 880-34675/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	34675
890-2976-A-1-C MS	Matrix Spike	Total/NA	Solid	8015B NM	34675
890-2976-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	34675

Analysis Batch: 34628

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2953-21	CS-10	Total/NA	Solid	8015B NM	34633
890-2953-22	CS-11	Total/NA	Solid	8015B NM	34633

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GC Semi VOA (Continued)

Analysis Batch: 34628 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2953-23	CS-12	Total/NA	Solid	8015B NM	34633
890-2953-24	CS-13	Total/NA	Solid	8015B NM	34633
890-2953-25	CS-14	Total/NA	Solid	8015B NM	34633
890-2953-26	CS-15	Total/NA	Solid	8015B NM	34633
890-2953-27	CS-16	Total/NA	Solid	8015B NM	34633
890-2953-28	CS-17	Total/NA	Solid	8015B NM	34633
890-2953-29	CS-18	Total/NA	Solid	8015B NM	34633
890-2953-30	CS-19	Total/NA	Solid	8015B NM	34633
890-2953-31	CS-20	Total/NA	Solid	8015B NM	34633
890-2953-32	CS-21	Total/NA	Solid	8015B NM	34633
890-2953-33	CS-22	Total/NA	Solid	8015B NM	34633
890-2953-34	CS-23	Total/NA	Solid	8015B NM	34633
890-2953-35	CS-24	Total/NA	Solid	8015B NM	34633
890-2953-36	CS-25	Total/NA	Solid	8015B NM	34633
890-2953-37	CS-26	Total/NA	Solid	8015B NM	34633
890-2953-38	CS-27	Total/NA	Solid	8015B NM	34633
890-2953-39	CS-28	Total/NA	Solid	8015B NM	34633
890-2953-40	CS-29	Total/NA	Solid	8015B NM	34633
890-2953-63	CS-52	Total/NA	Solid	8015B NM	34601
890-2953-64	CS-53	Total/NA	Solid	8015B NM	34601
890-2953-65	CS-54	Total/NA	Solid	8015B NM	34601
890-2953-66	CS-55	Total/NA	Solid	8015B NM	34601
MB 880-34601/1-A	Method Blank	Total/NA	Solid	8015B NM	34601
MB 880-34633/1-A	Method Blank	Total/NA	Solid	8015B NM	34633
LCS 880-34601/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	34601
LCS 880-34633/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	34633
LCSD 880-34601/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	34601
LCSD 880-34633/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	34633
890-2940-A-1-C MS	Matrix Spike	Total/NA	Solid	8015B NM	34601
890-2940-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	34601
890-2953-21 MS	CS-10	Total/NA	Solid	8015B NM	34633
890-2953-21 MSD	CS-10	Total/NA	Solid	8015B NM	34633

Prep Batch: 34632

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2953-1	SW-1	Total/NA	Solid	8015NM Prep	
890-2953-2	SW-2	Total/NA	Solid	8015NM Prep	
890-2953-3	SW-3	Total/NA	Solid	8015NM Prep	
890-2953-4	SW-4	Total/NA	Solid	8015NM Prep	
890-2953-5	SW-5	Total/NA	Solid	8015NM Prep	
890-2953-6	SW-6	Total/NA	Solid	8015NM Prep	
890-2953-7	SW-7	Total/NA	Solid	8015NM Prep	
890-2953-8	SW-8	Total/NA	Solid	8015NM Prep	
890-2953-9	SW-9	Total/NA	Solid	8015NM Prep	
890-2953-10	SW-10	Total/NA	Solid	8015NM Prep	
890-2953-11	SW-11	Total/NA	Solid	8015NM Prep	
890-2953-12	CS-1	Total/NA	Solid	8015NM Prep	
890-2953-13	CS-2	Total/NA	Solid	8015NM Prep	
890-2953-14	CS-3	Total/NA	Solid	8015NM Prep	
890-2953-15	CS-4	Total/NA	Solid	8015NM Prep	
890-2953-16	CS-5	Total/NA	Solid	8015NM Prep	

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GC Semi VOA (Continued)

Prep Batch: 34632 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2953-17	CS-6	Total/NA	Solid	8015NM Prep	
890-2953-18	CS-7	Total/NA	Solid	8015NM Prep	
890-2953-19	CS-8	Total/NA	Solid	8015NM Prep	
890-2953-20	CS-9	Total/NA	Solid	8015NM Prep	
MB 880-34632/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-34632/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-34632/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-2953-1 MS	SW-1	Total/NA	Solid	8015NM Prep	
890-2953-1 MSD	SW-1	Total/NA	Solid	8015NM Prep	

Prep Batch: 34633

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2953-21	CS-10	Total/NA	Solid	8015NM Prep	
890-2953-22	CS-11	Total/NA	Solid	8015NM Prep	
890-2953-23	CS-12	Total/NA	Solid	8015NM Prep	
890-2953-24	CS-13	Total/NA	Solid	8015NM Prep	
890-2953-25	CS-14	Total/NA	Solid	8015NM Prep	
890-2953-26	CS-15	Total/NA	Solid	8015NM Prep	
890-2953-27	CS-16	Total/NA	Solid	8015NM Prep	
890-2953-28	CS-17	Total/NA	Solid	8015NM Prep	
890-2953-29	CS-18	Total/NA	Solid	8015NM Prep	
890-2953-30	CS-19	Total/NA	Solid	8015NM Prep	
890-2953-31	CS-20	Total/NA	Solid	8015NM Prep	
890-2953-32	CS-21	Total/NA	Solid	8015NM Prep	
890-2953-33	CS-22	Total/NA	Solid	8015NM Prep	
890-2953-34	CS-23	Total/NA	Solid	8015NM Prep	
890-2953-35	CS-24	Total/NA	Solid	8015NM Prep	
890-2953-36	CS-25	Total/NA	Solid	8015NM Prep	
890-2953-37	CS-26	Total/NA	Solid	8015NM Prep	
890-2953-38	CS-27	Total/NA	Solid	8015NM Prep	
890-2953-39	CS-28	Total/NA	Solid	8015NM Prep	
890-2953-40	CS-29	Total/NA	Solid	8015NM Prep	
MB 880-34633/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-34633/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-34633/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-2953-21 MS	CS-10	Total/NA	Solid	8015NM Prep	
890-2953-21 MSD	CS-10	Total/NA	Solid	8015NM Prep	

Prep Batch: 34648

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2953-41	CS-30	Total/NA	Solid	8015NM Prep	
890-2953-42	CS-31	Total/NA	Solid	8015NM Prep	
890-2953-43	CS-32	Total/NA	Solid	8015NM Prep	
890-2953-44	CS-33	Total/NA	Solid	8015NM Prep	
890-2953-45	CS-34	Total/NA	Solid	8015NM Prep	
890-2953-46	CS-35	Total/NA	Solid	8015NM Prep	
890-2953-47	CS-36	Total/NA	Solid	8015NM Prep	
890-2953-48	CS-37	Total/NA	Solid	8015NM Prep	
890-2953-49	CS-38	Total/NA	Solid	8015NM Prep	
890-2953-50	CS-39	Total/NA	Solid	8015NM Prep	
890-2953-51	CS-40	Total/NA	Solid	8015NM Prep	

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GC Semi VOA (Continued)

Prep Batch: 34648 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2953-52	CS-41	Total/NA	Solid	8015NM Prep	
890-2953-53	CS-42	Total/NA	Solid	8015NM Prep	
890-2953-54	CS-43	Total/NA	Solid	8015NM Prep	
890-2953-55	CS-44	Total/NA	Solid	8015NM Prep	
890-2953-56	CS-45	Total/NA	Solid	8015NM Prep	
890-2953-57	CS-46	Total/NA	Solid	8015NM Prep	
890-2953-58	CS-47	Total/NA	Solid	8015NM Prep	
890-2953-59	CS-48	Total/NA	Solid	8015NM Prep	
890-2953-60	CS-49	Total/NA	Solid	8015NM Prep	
MB 880-34648/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-34648/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-34648/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-2953-41 MS	CS-30	Total/NA	Solid	8015NM Prep	
890-2953-41 MSD	CS-30	Total/NA	Solid	8015NM Prep	

Prep Batch: 34675

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2953-67	CS-56	Total/NA	Solid	8015NM Prep	
890-2953-68	CS-57	Total/NA	Solid	8015NM Prep	
890-2953-69	CS-58	Total/NA	Solid	8015NM Prep	
MB 880-34675/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-34675/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-34675/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-2976-A-1-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-2976-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 34705

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2953-1	SW-1	Total/NA	Solid	8015B NM	34632
890-2953-2	SW-2	Total/NA	Solid	8015B NM	34632
890-2953-3	SW-3	Total/NA	Solid	8015B NM	34632
890-2953-4	SW-4	Total/NA	Solid	8015B NM	34632
890-2953-5	SW-5	Total/NA	Solid	8015B NM	34632
890-2953-6	SW-6	Total/NA	Solid	8015B NM	34632
890-2953-7	SW-7	Total/NA	Solid	8015B NM	34632
890-2953-8	SW-8	Total/NA	Solid	8015B NM	34632
890-2953-9	SW-9	Total/NA	Solid	8015B NM	34632
890-2953-10	SW-10	Total/NA	Solid	8015B NM	34632
890-2953-11	SW-11	Total/NA	Solid	8015B NM	34632
890-2953-12	CS-1	Total/NA	Solid	8015B NM	34632
890-2953-13	CS-2	Total/NA	Solid	8015B NM	34632
890-2953-14	CS-3	Total/NA	Solid	8015B NM	34632
890-2953-15	CS-4	Total/NA	Solid	8015B NM	34632
890-2953-16	CS-5	Total/NA	Solid	8015B NM	34632
890-2953-17	CS-6	Total/NA	Solid	8015B NM	34632
890-2953-18	CS-7	Total/NA	Solid	8015B NM	34632
890-2953-19	CS-8	Total/NA	Solid	8015B NM	34632
890-2953-20	CS-9	Total/NA	Solid	8015B NM	34632
MB 880-34632/1-A	Method Blank	Total/NA	Solid	8015B NM	34632
LCS 880-34632/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	34632
LCSD 880-34632/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	34632

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GC Semi VOA (Continued)

Analysis Batch: 34705 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2953-1 MS	SW-1	Total/NA	Solid	8015B NM	34632
890-2953-1 MSD	SW-1	Total/NA	Solid	8015B NM	34632

Analysis Batch: 34707

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2953-41	CS-30	Total/NA	Solid	8015B NM	34648
890-2953-42	CS-31	Total/NA	Solid	8015B NM	34648
890-2953-43	CS-32	Total/NA	Solid	8015B NM	34648
890-2953-44	CS-33	Total/NA	Solid	8015B NM	34648
890-2953-45	CS-34	Total/NA	Solid	8015B NM	34648
890-2953-46	CS-35	Total/NA	Solid	8015B NM	34648
890-2953-47	CS-36	Total/NA	Solid	8015B NM	34648
890-2953-48	CS-37	Total/NA	Solid	8015B NM	34648
890-2953-49	CS-38	Total/NA	Solid	8015B NM	34648
890-2953-50	CS-39	Total/NA	Solid	8015B NM	34648
890-2953-51	CS-40	Total/NA	Solid	8015B NM	34648
890-2953-52	CS-41	Total/NA	Solid	8015B NM	34648
890-2953-53	CS-42	Total/NA	Solid	8015B NM	34648
890-2953-54	CS-43	Total/NA	Solid	8015B NM	34648
890-2953-55	CS-44	Total/NA	Solid	8015B NM	34648
890-2953-56	CS-45	Total/NA	Solid	8015B NM	34648
890-2953-57	CS-46	Total/NA	Solid	8015B NM	34648
890-2953-58	CS-47	Total/NA	Solid	8015B NM	34648
890-2953-59	CS-48	Total/NA	Solid	8015B NM	34648
890-2953-60	CS-49	Total/NA	Solid	8015B NM	34648
890-2953-61	CS-50	Total/NA	Solid	8015B NM	34600
890-2953-62	CS-51	Total/NA	Solid	8015B NM	34600
MB 880-34600/1-A	Method Blank	Total/NA	Solid	8015B NM	34600
MB 880-34648/1-A	Method Blank	Total/NA	Solid	8015B NM	34648
LCS 880-34600/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	34600
LCS 880-34648/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	34648
LCSD 880-34600/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	34600
LCSD 880-34648/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	34648
890-2949-A-1-C MS	Matrix Spike	Total/NA	Solid	8015B NM	34600
890-2949-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	34600
890-2953-41 MS	CS-30	Total/NA	Solid	8015B NM	34648
890-2953-41 MSD	CS-30	Total/NA	Solid	8015B NM	34648

Analysis Batch: 34825

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2953-1	SW-1	Total/NA	Solid	8015 NM	
890-2953-2	SW-2	Total/NA	Solid	8015 NM	
890-2953-3	SW-3	Total/NA	Solid	8015 NM	
890-2953-4	SW-4	Total/NA	Solid	8015 NM	
890-2953-5	SW-5	Total/NA	Solid	8015 NM	
890-2953-6	SW-6	Total/NA	Solid	8015 NM	
890-2953-7	SW-7	Total/NA	Solid	8015 NM	
890-2953-8	SW-8	Total/NA	Solid	8015 NM	
890-2953-9	SW-9	Total/NA	Solid	8015 NM	
890-2953-10	SW-10	Total/NA	Solid	8015 NM	
890-2953-11	SW-11	Total/NA	Solid	8015 NM	

Eurofins Carlsbad

QC Association Summary

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

GC Semi VOA (Continued)

Analysis Batch: 34825 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2953-12	CS-1	Total/NA	Solid	8015 NM	
890-2953-13	CS-2	Total/NA	Solid	8015 NM	
890-2953-14	CS-3	Total/NA	Solid	8015 NM	
890-2953-15	CS-4	Total/NA	Solid	8015 NM	
890-2953-16	CS-5	Total/NA	Solid	8015 NM	
890-2953-17	CS-6	Total/NA	Solid	8015 NM	
890-2953-18	CS-7	Total/NA	Solid	8015 NM	
890-2953-19	CS-8	Total/NA	Solid	8015 NM	
890-2953-20	CS-9	Total/NA	Solid	8015 NM	
890-2953-21	CS-10	Total/NA	Solid	8015 NM	
890-2953-22	CS-11	Total/NA	Solid	8015 NM	
890-2953-23	CS-12	Total/NA	Solid	8015 NM	
890-2953-24	CS-13	Total/NA	Solid	8015 NM	
890-2953-25	CS-14	Total/NA	Solid	8015 NM	
890-2953-26	CS-15	Total/NA	Solid	8015 NM	
890-2953-27	CS-16	Total/NA	Solid	8015 NM	
890-2953-28	CS-17	Total/NA	Solid	8015 NM	
890-2953-29	CS-18	Total/NA	Solid	8015 NM	
890-2953-30	CS-19	Total/NA	Solid	8015 NM	
890-2953-31	CS-20	Total/NA	Solid	8015 NM	
890-2953-32	CS-21	Total/NA	Solid	8015 NM	
890-2953-33	CS-22	Total/NA	Solid	8015 NM	
890-2953-34	CS-23	Total/NA	Solid	8015 NM	
890-2953-35	CS-24	Total/NA	Solid	8015 NM	
890-2953-36	CS-25	Total/NA	Solid	8015 NM	
890-2953-37	CS-26	Total/NA	Solid	8015 NM	
890-2953-38	CS-27	Total/NA	Solid	8015 NM	
890-2953-39	CS-28	Total/NA	Solid	8015 NM	
890-2953-40	CS-29	Total/NA	Solid	8015 NM	
890-2953-41	CS-30	Total/NA	Solid	8015 NM	
890-2953-42	CS-31	Total/NA	Solid	8015 NM	
890-2953-43	CS-32	Total/NA	Solid	8015 NM	
890-2953-44	CS-33	Total/NA	Solid	8015 NM	
890-2953-45	CS-34	Total/NA	Solid	8015 NM	
890-2953-46	CS-35	Total/NA	Solid	8015 NM	
890-2953-47	CS-36	Total/NA	Solid	8015 NM	
890-2953-48	CS-37	Total/NA	Solid	8015 NM	
890-2953-49	CS-38	Total/NA	Solid	8015 NM	
890-2953-50	CS-39	Total/NA	Solid	8015 NM	
890-2953-51	CS-40	Total/NA	Solid	8015 NM	
890-2953-52	CS-41	Total/NA	Solid	8015 NM	
890-2953-53	CS-42	Total/NA	Solid	8015 NM	
890-2953-54	CS-43	Total/NA	Solid	8015 NM	
890-2953-55	CS-44	Total/NA	Solid	8015 NM	
890-2953-56	CS-45	Total/NA	Solid	8015 NM	
890-2953-57	CS-46	Total/NA	Solid	8015 NM	
890-2953-58	CS-47	Total/NA	Solid	8015 NM	
890-2953-59	CS-48	Total/NA	Solid	8015 NM	
890-2953-60	CS-49	Total/NA	Solid	8015 NM	
890-2953-61	CS-50	Total/NA	Solid	8015 NM	
890-2953-62	CS-51	Total/NA	Solid	8015 NM	

Eurofins Carlsbad

QC Association Summary

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

GC Semi VOA (Continued)

Analysis Batch: 34825 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2953-63	CS-52	Total/NA	Solid	8015 NM	
890-2953-64	CS-53	Total/NA	Solid	8015 NM	
890-2953-65	CS-54	Total/NA	Solid	8015 NM	
890-2953-66	CS-55	Total/NA	Solid	8015 NM	
890-2953-67	CS-56	Total/NA	Solid	8015 NM	
890-2953-68	CS-57	Total/NA	Solid	8015 NM	
890-2953-69	CS-58	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 34585

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2953-1	SW-1	Soluble	Solid	DI Leach	
890-2953-2	SW-2	Soluble	Solid	DI Leach	
890-2953-3	SW-3	Soluble	Solid	DI Leach	
890-2953-4	SW-4	Soluble	Solid	DI Leach	
890-2953-5	SW-5	Soluble	Solid	DI Leach	
890-2953-6	SW-6	Soluble	Solid	DI Leach	
890-2953-7	SW-7	Soluble	Solid	DI Leach	
890-2953-8	SW-8	Soluble	Solid	DI Leach	
890-2953-9	SW-9	Soluble	Solid	DI Leach	
890-2953-10	SW-10	Soluble	Solid	DI Leach	
890-2953-11	SW-11	Soluble	Solid	DI Leach	
890-2953-12	CS-1	Soluble	Solid	DI Leach	
890-2953-13	CS-2	Soluble	Solid	DI Leach	
890-2953-14	CS-3	Soluble	Solid	DI Leach	
890-2953-15	CS-4	Soluble	Solid	DI Leach	
890-2953-16	CS-5	Soluble	Solid	DI Leach	
890-2953-17	CS-6	Soluble	Solid	DI Leach	
890-2953-18	CS-7	Soluble	Solid	DI Leach	
890-2953-19	CS-8	Soluble	Solid	DI Leach	
890-2953-20	CS-9	Soluble	Solid	DI Leach	
MB 880-34585/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-34585/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-34585/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-2953-1 MS	SW-1	Soluble	Solid	DI Leach	
890-2953-1 MSD	SW-1	Soluble	Solid	DI Leach	
890-2953-11 MS	SW-11	Soluble	Solid	DI Leach	
890-2953-11 MSD	SW-11	Soluble	Solid	DI Leach	

Leach Batch: 34586

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2953-21	CS-10	Soluble	Solid	DI Leach	
890-2953-22	CS-11	Soluble	Solid	DI Leach	
890-2953-23	CS-12	Soluble	Solid	DI Leach	
890-2953-24	CS-13	Soluble	Solid	DI Leach	
890-2953-25	CS-14	Soluble	Solid	DI Leach	
890-2953-26	CS-15	Soluble	Solid	DI Leach	
890-2953-27	CS-16	Soluble	Solid	DI Leach	
890-2953-28	CS-17	Soluble	Solid	DI Leach	
890-2953-29	CS-18	Soluble	Solid	DI Leach	

Eurofins Carlsbad

QC Association Summary

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

HPLC/IC (Continued)

Leach Batch: 34586 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2953-30	CS-19	Soluble	Solid	DI Leach	
890-2953-31	CS-20	Soluble	Solid	DI Leach	
890-2953-32	CS-21	Soluble	Solid	DI Leach	
890-2953-33	CS-22	Soluble	Solid	DI Leach	
890-2953-34	CS-23	Soluble	Solid	DI Leach	
890-2953-35	CS-24	Soluble	Solid	DI Leach	
890-2953-36	CS-25	Soluble	Solid	DI Leach	
890-2953-37	CS-26	Soluble	Solid	DI Leach	
890-2953-38	CS-27	Soluble	Solid	DI Leach	
890-2953-39	CS-28	Soluble	Solid	DI Leach	
890-2953-40	CS-29	Soluble	Solid	DI Leach	
MB 880-34586/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-34586/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-34586/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-2953-21 MS	CS-10	Soluble	Solid	DI Leach	
890-2953-21 MSD	CS-10	Soluble	Solid	DI Leach	
890-2953-31 MS	CS-20	Soluble	Solid	DI Leach	
890-2953-31 MSD	CS-20	Soluble	Solid	DI Leach	

Leach Batch: 34587

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2953-41	CS-30	Soluble	Solid	DI Leach	
890-2953-42	CS-31	Soluble	Solid	DI Leach	
890-2953-43	CS-32	Soluble	Solid	DI Leach	
890-2953-44	CS-33	Soluble	Solid	DI Leach	
890-2953-45	CS-34	Soluble	Solid	DI Leach	
890-2953-46	CS-35	Soluble	Solid	DI Leach	
890-2953-47	CS-36	Soluble	Solid	DI Leach	
890-2953-48	CS-37	Soluble	Solid	DI Leach	
890-2953-49	CS-38	Soluble	Solid	DI Leach	
890-2953-50	CS-39	Soluble	Solid	DI Leach	
890-2953-51	CS-40	Soluble	Solid	DI Leach	
890-2953-52	CS-41	Soluble	Solid	DI Leach	
890-2953-53	CS-42	Soluble	Solid	DI Leach	
890-2953-54	CS-43	Soluble	Solid	DI Leach	
890-2953-55	CS-44	Soluble	Solid	DI Leach	
890-2953-56	CS-45	Soluble	Solid	DI Leach	
890-2953-57	CS-46	Soluble	Solid	DI Leach	
890-2953-58	CS-47	Soluble	Solid	DI Leach	
890-2953-59	CS-48	Soluble	Solid	DI Leach	
890-2953-60	CS-49	Soluble	Solid	DI Leach	
MB 880-34587/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-34587/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-34587/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-2953-41 MS	CS-30	Soluble	Solid	DI Leach	
890-2953-41 MSD	CS-30	Soluble	Solid	DI Leach	
890-2953-51 MS	CS-40	Soluble	Solid	DI Leach	
890-2953-51 MSD	CS-40	Soluble	Solid	DI Leach	

Eurofins Carlsbad

QC Association Summary

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

HPLC/IC

Leach Batch: 34588

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2953-61	CS-50	Soluble	Solid	DI Leach	
890-2953-62	CS-51	Soluble	Solid	DI Leach	
890-2953-63	CS-52	Soluble	Solid	DI Leach	
890-2953-64	CS-53	Soluble	Solid	DI Leach	
890-2953-65	CS-54	Soluble	Solid	DI Leach	
890-2953-66	CS-55	Soluble	Solid	DI Leach	
890-2953-67	CS-56	Soluble	Solid	DI Leach	
890-2953-68	CS-57	Soluble	Solid	DI Leach	
890-2953-69	CS-58	Soluble	Solid	DI Leach	
MB 880-34588/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-34588/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-34588/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-2953-61 MS	CS-50	Soluble	Solid	DI Leach	
890-2953-61 MSD	CS-50	Soluble	Solid	DI Leach	

Analysis Batch: 34944

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2953-1	SW-1	Soluble	Solid	300.0	34585
890-2953-2	SW-2	Soluble	Solid	300.0	34585
890-2953-3	SW-3	Soluble	Solid	300.0	34585
890-2953-4	SW-4	Soluble	Solid	300.0	34585
890-2953-5	SW-5	Soluble	Solid	300.0	34585
890-2953-6	SW-6	Soluble	Solid	300.0	34585
890-2953-7	SW-7	Soluble	Solid	300.0	34585
890-2953-8	SW-8	Soluble	Solid	300.0	34585
890-2953-9	SW-9	Soluble	Solid	300.0	34585
890-2953-10	SW-10	Soluble	Solid	300.0	34585
890-2953-11	SW-11	Soluble	Solid	300.0	34585
890-2953-12	CS-1	Soluble	Solid	300.0	34585
890-2953-13	CS-2	Soluble	Solid	300.0	34585
890-2953-14	CS-3	Soluble	Solid	300.0	34585
890-2953-15	CS-4	Soluble	Solid	300.0	34585
890-2953-16	CS-5	Soluble	Solid	300.0	34585
890-2953-17	CS-6	Soluble	Solid	300.0	34585
890-2953-18	CS-7	Soluble	Solid	300.0	34585
890-2953-19	CS-8	Soluble	Solid	300.0	34585
890-2953-20	CS-9	Soluble	Solid	300.0	34585
MB 880-34585/1-A	Method Blank	Soluble	Solid	300.0	34585
LCS 880-34585/2-A	Lab Control Sample	Soluble	Solid	300.0	34585
LCSD 880-34585/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	34585
890-2953-1 MS	SW-1	Soluble	Solid	300.0	34585
890-2953-1 MSD	SW-1	Soluble	Solid	300.0	34585
890-2953-11 MS	SW-11	Soluble	Solid	300.0	34585
890-2953-11 MSD	SW-11	Soluble	Solid	300.0	34585

Analysis Batch: 34945

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2953-21	CS-10	Soluble	Solid	300.0	34586
890-2953-22	CS-11	Soluble	Solid	300.0	34586
890-2953-23	CS-12	Soluble	Solid	300.0	34586
890-2953-24	CS-13	Soluble	Solid	300.0	34586

Eurofins Carlsbad

QC Association Summary

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

HPLC/IC (Continued)

Analysis Batch: 34945 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2953-25	CS-14	Soluble	Solid	300.0	34586
890-2953-26	CS-15	Soluble	Solid	300.0	34586
890-2953-27	CS-16	Soluble	Solid	300.0	34586
890-2953-28	CS-17	Soluble	Solid	300.0	34586
890-2953-29	CS-18	Soluble	Solid	300.0	34586
890-2953-30	CS-19	Soluble	Solid	300.0	34586
890-2953-31	CS-20	Soluble	Solid	300.0	34586
890-2953-32	CS-21	Soluble	Solid	300.0	34586
890-2953-33	CS-22	Soluble	Solid	300.0	34586
890-2953-34	CS-23	Soluble	Solid	300.0	34586
890-2953-35	CS-24	Soluble	Solid	300.0	34586
890-2953-36	CS-25	Soluble	Solid	300.0	34586
890-2953-37	CS-26	Soluble	Solid	300.0	34586
890-2953-38	CS-27	Soluble	Solid	300.0	34586
890-2953-39	CS-28	Soluble	Solid	300.0	34586
890-2953-40	CS-29	Soluble	Solid	300.0	34586
MB 880-34586/1-A	Method Blank	Soluble	Solid	300.0	34586
LCS 880-34586/2-A	Lab Control Sample	Soluble	Solid	300.0	34586
LCSD 880-34586/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	34586
890-2953-21 MS	CS-10	Soluble	Solid	300.0	34586
890-2953-21 MSD	CS-10	Soluble	Solid	300.0	34586
890-2953-31 MS	CS-20	Soluble	Solid	300.0	34586
890-2953-31 MSD	CS-20	Soluble	Solid	300.0	34586

Analysis Batch: 34946

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2953-41	CS-30	Soluble	Solid	300.0	34587
890-2953-42	CS-31	Soluble	Solid	300.0	34587
890-2953-43	CS-32	Soluble	Solid	300.0	34587
890-2953-44	CS-33	Soluble	Solid	300.0	34587
890-2953-45	CS-34	Soluble	Solid	300.0	34587
890-2953-46	CS-35	Soluble	Solid	300.0	34587
890-2953-47	CS-36	Soluble	Solid	300.0	34587
890-2953-48	CS-37	Soluble	Solid	300.0	34587
890-2953-49	CS-38	Soluble	Solid	300.0	34587
890-2953-50	CS-39	Soluble	Solid	300.0	34587
890-2953-51	CS-40	Soluble	Solid	300.0	34587
890-2953-52	CS-41	Soluble	Solid	300.0	34587
890-2953-53	CS-42	Soluble	Solid	300.0	34587
890-2953-54	CS-43	Soluble	Solid	300.0	34587
890-2953-55	CS-44	Soluble	Solid	300.0	34587
890-2953-56	CS-45	Soluble	Solid	300.0	34587
890-2953-57	CS-46	Soluble	Solid	300.0	34587
890-2953-58	CS-47	Soluble	Solid	300.0	34587
890-2953-59	CS-48	Soluble	Solid	300.0	34587
890-2953-60	CS-49	Soluble	Solid	300.0	34587
MB 880-34587/1-A	Method Blank	Soluble	Solid	300.0	34587
LCS 880-34587/2-A	Lab Control Sample	Soluble	Solid	300.0	34587
LCSD 880-34587/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	34587
890-2953-41 MS	CS-30	Soluble	Solid	300.0	34587
890-2953-41 MSD	CS-30	Soluble	Solid	300.0	34587

Eurofins Carlsbad

QC Association Summary

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

HPLC/IC (Continued)

Analysis Batch: 34946 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2953-51 MS	CS-40	Soluble	Solid	300.0	34587
890-2953-51 MSD	CS-40	Soluble	Solid	300.0	34587

Analysis Batch: 34947

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2953-61	CS-50	Soluble	Solid	300.0	34588
890-2953-62	CS-51	Soluble	Solid	300.0	34588
890-2953-63	CS-52	Soluble	Solid	300.0	34588
890-2953-64	CS-53	Soluble	Solid	300.0	34588
890-2953-65	CS-54	Soluble	Solid	300.0	34588
890-2953-66	CS-55	Soluble	Solid	300.0	34588
890-2953-67	CS-56	Soluble	Solid	300.0	34588
890-2953-68	CS-57	Soluble	Solid	300.0	34588
890-2953-69	CS-58	Soluble	Solid	300.0	34588
MB 880-34588/1-A	Method Blank	Soluble	Solid	300.0	34588
LCS 880-34588/2-A	Lab Control Sample	Soluble	Solid	300.0	34588
LCSD 880-34588/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	34588
890-2953-61 MS	CS-50	Soluble	Solid	300.0	34588
890-2953-61 MSD	CS-50	Soluble	Solid	300.0	34588

Lab Chronicle

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: SW-1

Lab Sample ID: 890-2953-1

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	35190	09/22/22 15:18	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35226	09/23/22 22:24	MR	EET MID
Total/NA	Analysis	Total BTEX		1			35404	09/26/22 12:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			34825	09/19/22 11:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	34632	09/16/22 08:49	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34705	09/17/22 11:23	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	34585	09/15/22 11:26	SMC	EET MID
Soluble	Analysis	300.0		1			34944	09/20/22 09:44	CH	EET MID

Client Sample ID: SW-2

Lab Sample ID: 890-2953-2

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	35190	09/22/22 15:18	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35226	09/23/22 22:45	MR	EET MID
Total/NA	Analysis	Total BTEX		1			35404	09/26/22 12:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			34825	09/19/22 11:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	34632	09/16/22 08:49	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34705	09/17/22 12:29	SM	EET MID
Soluble	Leach	DI Leach			5.97 g	50 mL	34585	09/15/22 11:26	SMC	EET MID
Soluble	Analysis	300.0		1			34944	09/20/22 09:58	CH	EET MID

Client Sample ID: SW-3

Lab Sample ID: 890-2953-3

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	35190	09/22/22 15:18	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35226	09/23/22 23:05	MR	EET MID
Total/NA	Analysis	Total BTEX		1			35404	09/26/22 12:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			34825	09/19/22 11:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	34632	09/16/22 08:49	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34705	09/17/22 12:50	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	34585	09/15/22 11:26	SMC	EET MID
Soluble	Analysis	300.0		1			34944	09/20/22 10:03	CH	EET MID

Client Sample ID: SW-4

Lab Sample ID: 890-2953-4

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	35190	09/22/22 15:18	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35226	09/23/22 23:26	MR	EET MID
Total/NA	Analysis	Total BTEX		1			35404	09/26/22 12:34	SM	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: SW-4

Lab Sample ID: 890-2953-4

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			34825	09/19/22 11:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	34632	09/16/22 08:49	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34705	09/17/22 13:12	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	34585	09/15/22 11:26	SMC	EET MID
Soluble	Analysis	300.0		1			34944	09/20/22 10:08	CH	EET MID

Client Sample ID: SW-5

Lab Sample ID: 890-2953-5

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	35190	09/22/22 15:18	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35226	09/23/22 23:47	MR	EET MID
Total/NA	Analysis	Total BTEX		1			35404	09/26/22 12:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			34825	09/19/22 11:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	34632	09/16/22 08:49	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34705	09/17/22 13:34	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	34585	09/15/22 11:26	SMC	EET MID
Soluble	Analysis	300.0		1			34944	09/20/22 10:13	CH	EET MID

Client Sample ID: SW-6

Lab Sample ID: 890-2953-6

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	35190	09/22/22 15:18	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35226	09/24/22 00:07	MR	EET MID
Total/NA	Analysis	Total BTEX		1			35404	09/26/22 12:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			34825	09/19/22 11:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	34632	09/16/22 08:49	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34705	09/17/22 13:55	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	34585	09/15/22 11:26	SMC	EET MID
Soluble	Analysis	300.0		1			34944	09/20/22 10:27	CH	EET MID

Client Sample ID: SW-7

Lab Sample ID: 890-2953-7

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	35190	09/22/22 15:18	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35226	09/24/22 00:28	MR	EET MID
Total/NA	Analysis	Total BTEX		1			35404	09/26/22 12:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			34825	09/19/22 11:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	34632	09/16/22 08:49	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34705	09/17/22 14:17	SM	EET MID

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Lab Chronicle

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: SW-7

Lab Sample ID: 890-2953-7

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5 g	50 mL	34585	09/15/22 11:26	SMC	EET MID
Soluble	Analysis	300.0		1			34944	09/20/22 10:32	CH	EET MID

Client Sample ID: SW-8

Lab Sample ID: 890-2953-8

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	35190	09/22/22 15:18	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35226	09/24/22 00:49	MR	EET MID
Total/NA	Analysis	Total BTEX		1			35404	09/26/22 12:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			34825	09/19/22 11:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	34632	09/16/22 08:49	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34705	09/17/22 14:38	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	34585	09/15/22 11:26	SMC	EET MID
Soluble	Analysis	300.0		1			34944	09/20/22 10:37	CH	EET MID

Client Sample ID: SW-9

Lab Sample ID: 890-2953-9

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	35190	09/22/22 15:18	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35226	09/24/22 01:09	MR	EET MID
Total/NA	Analysis	Total BTEX		1			35404	09/26/22 12:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			34825	09/19/22 11:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	34632	09/16/22 08:49	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34705	09/17/22 15:00	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	34585	09/15/22 11:26	SMC	EET MID
Soluble	Analysis	300.0		1			34944	09/20/22 10:42	CH	EET MID

Client Sample ID: SW-10

Lab Sample ID: 890-2953-10

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	35190	09/22/22 15:18	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35226	09/24/22 01:30	MR	EET MID
Total/NA	Analysis	Total BTEX		1			35404	09/26/22 12:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			34825	09/19/22 11:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	34632	09/16/22 08:49	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34705	09/17/22 15:21	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	34585	09/15/22 11:26	SMC	EET MID
Soluble	Analysis	300.0		1			34944	09/20/22 10:47	CH	EET MID

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Lab Chronicle

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: SW-11

Lab Sample ID: 890-2953-11

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	35190	09/22/22 15:18	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35226	09/24/22 02:54	MR	EET MID
Total/NA	Analysis	Total BTEX		1			35404	09/26/22 12:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			34825	09/19/22 11:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	34632	09/16/22 08:49	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34705	09/17/22 16:05	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	34585	09/15/22 11:26	SMC	EET MID
Soluble	Analysis	300.0		1			34944	09/20/22 10:52	CH	EET MID

Client Sample ID: CS-1

Lab Sample ID: 890-2953-12

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	35190	09/22/22 15:18	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35226	09/24/22 03:15	MR	EET MID
Total/NA	Analysis	Total BTEX		1			35404	09/26/22 12:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			34825	09/19/22 11:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	34632	09/16/22 08:49	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34705	09/17/22 16:26	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	34585	09/15/22 11:26	SMC	EET MID
Soluble	Analysis	300.0		1			34944	09/20/22 11:06	CH	EET MID

Client Sample ID: CS-2

Lab Sample ID: 890-2953-13

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	35190	09/22/22 15:18	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35226	09/24/22 03:35	MR	EET MID
Total/NA	Analysis	Total BTEX		1			35404	09/26/22 12:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			34825	09/19/22 11:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	34632	09/16/22 08:49	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34705	09/17/22 16:48	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	34585	09/15/22 11:26	SMC	EET MID
Soluble	Analysis	300.0		1			34944	09/20/22 11:11	CH	EET MID

Client Sample ID: CS-3

Lab Sample ID: 890-2953-14

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	35190	09/22/22 15:18	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35226	09/24/22 03:56	MR	EET MID
Total/NA	Analysis	Total BTEX		1			35404	09/26/22 12:34	SM	EET MID

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Lab Chronicle

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: CS-3

Lab Sample ID: 890-2953-14

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			34825	09/19/22 11:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	34632	09/16/22 08:49	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34705	09/17/22 17:10	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	34585	09/15/22 11:26	SMC	EET MID
Soluble	Analysis	300.0		1			34944	09/20/22 11:26	CH	EET MID

Client Sample ID: CS-4

Lab Sample ID: 890-2953-15

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	35190	09/22/22 15:18	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35226	09/24/22 04:17	MR	EET MID
Total/NA	Analysis	Total BTEX		1			35404	09/26/22 12:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			34825	09/19/22 11:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	34632	09/16/22 08:49	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34705	09/17/22 17:32	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	34585	09/15/22 11:26	SMC	EET MID
Soluble	Analysis	300.0		1			34944	09/20/22 11:31	CH	EET MID

Client Sample ID: CS-5

Lab Sample ID: 890-2953-16

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	35190	09/22/22 15:18	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35226	09/24/22 04:38	MR	EET MID
Total/NA	Analysis	Total BTEX		1			35404	09/26/22 12:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			34825	09/19/22 11:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	34632	09/16/22 08:49	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34705	09/17/22 17:53	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	34585	09/15/22 11:26	SMC	EET MID
Soluble	Analysis	300.0		1			34944	09/20/22 11:36	CH	EET MID

Client Sample ID: CS-6

Lab Sample ID: 890-2953-17

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	35190	09/22/22 15:18	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35226	09/24/22 04:58	MR	EET MID
Total/NA	Analysis	Total BTEX		1			35404	09/26/22 12:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			34825	09/19/22 11:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	34632	09/16/22 08:49	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34705	09/17/22 18:15	SM	EET MID

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Lab Chronicle

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: CS-6

Lab Sample ID: 890-2953-17

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	34585	09/15/22 11:26	SMC	EET MID
Soluble	Analysis	300.0		1			34944	09/20/22 11:40	CH	EET MID

Client Sample ID: CS-7

Lab Sample ID: 890-2953-18

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	35190	09/22/22 15:18	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35226	09/24/22 05:19	MR	EET MID
Total/NA	Analysis	Total BTEX		1			35404	09/26/22 12:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			34825	09/19/22 11:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	34632	09/16/22 08:49	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34705	09/17/22 18:37	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	34585	09/15/22 11:26	SMC	EET MID
Soluble	Analysis	300.0		1			34944	09/20/22 11:45	CH	EET MID

Client Sample ID: CS-8

Lab Sample ID: 890-2953-19

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	35190	09/22/22 15:18	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35226	09/24/22 05:40	MR	EET MID
Total/NA	Analysis	Total BTEX		1			35404	09/26/22 12:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			34825	09/19/22 11:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	34632	09/16/22 08:49	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34705	09/17/22 18:58	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	34585	09/15/22 11:26	SMC	EET MID
Soluble	Analysis	300.0		1			34944	09/20/22 11:50	CH	EET MID

Client Sample ID: CS-9

Lab Sample ID: 890-2953-20

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	35190	09/22/22 15:18	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35226	09/24/22 06:00	MR	EET MID
Total/NA	Analysis	Total BTEX		1			35404	09/26/22 12:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			34825	09/19/22 11:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	34632	09/16/22 08:49	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34705	09/17/22 19:20	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	34585	09/15/22 11:26	SMC	EET MID
Soluble	Analysis	300.0		1			34944	09/20/22 11:55	CH	EET MID

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Lab Chronicle

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: CS-10

Lab Sample ID: 890-2953-21

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	35192	09/22/22 15:21	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35327	09/24/22 15:04	MR	EET MID
Total/NA	Analysis	Total BTEX		1			35404	09/26/22 12:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			34825	09/19/22 11:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	34633	09/16/22 08:52	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34628	09/16/22 18:53	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	34586	09/15/22 11:31	SMC	EET MID
Soluble	Analysis	300.0		1			34945	09/20/22 13:22	CH	EET MID

Client Sample ID: CS-11

Lab Sample ID: 890-2953-22

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	35192	09/22/22 15:21	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35327	09/24/22 15:25	MR	EET MID
Total/NA	Analysis	Total BTEX		1			35404	09/26/22 12:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			34825	09/19/22 11:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	34633	09/16/22 08:52	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34628	09/16/22 19:58	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	34586	09/15/22 11:31	SMC	EET MID
Soluble	Analysis	300.0		1			34945	09/20/22 13:37	CH	EET MID

Client Sample ID: CS-12

Lab Sample ID: 890-2953-23

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	35334	09/25/22 12:10	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35332	09/25/22 14:59	MR	EET MID
Total/NA	Analysis	Total BTEX		1			35404	09/26/22 12:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			34825	09/19/22 11:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	34633	09/16/22 08:52	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34628	09/16/22 20:19	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	34586	09/15/22 11:31	SMC	EET MID
Soluble	Analysis	300.0		1			34945	09/20/22 13:42	CH	EET MID

Client Sample ID: CS-13

Lab Sample ID: 890-2953-24

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	35334	09/25/22 12:10	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35332	09/25/22 15:20	MR	EET MID
Total/NA	Analysis	Total BTEX		1			35404	09/26/22 12:34	SM	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: CS-13

Lab Sample ID: 890-2953-24

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			34825	09/19/22 11:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	34633	09/16/22 08:52	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34628	09/16/22 20:40	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	34586	09/15/22 11:31	SMC	EET MID
Soluble	Analysis	300.0		1			34945	09/20/22 13:47	CH	EET MID

Client Sample ID: CS-14

Lab Sample ID: 890-2953-25

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	35334	09/25/22 12:10	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35332	09/25/22 15:41	MR	EET MID
Total/NA	Analysis	Total BTEX		1			35404	09/26/22 12:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			34825	09/19/22 11:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	34633	09/16/22 08:52	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34628	09/16/22 21:02	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	34586	09/15/22 11:31	SMC	EET MID
Soluble	Analysis	300.0		1			34945	09/20/22 13:52	CH	EET MID

Client Sample ID: CS-15

Lab Sample ID: 890-2953-26

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	35334	09/25/22 12:10	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35332	09/25/22 16:02	MR	EET MID
Total/NA	Analysis	Total BTEX		1			35404	09/26/22 12:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			34825	09/19/22 11:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	34633	09/16/22 08:52	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34628	09/16/22 21:23	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	34586	09/15/22 11:31	SMC	EET MID
Soluble	Analysis	300.0		1			34945	09/20/22 14:06	CH	EET MID

Client Sample ID: CS-16

Lab Sample ID: 890-2953-27

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	35334	09/25/22 12:10	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35332	09/25/22 16:22	MR	EET MID
Total/NA	Analysis	Total BTEX		1			35404	09/26/22 12:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			34825	09/19/22 11:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	34633	09/16/22 08:52	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34628	09/16/22 21:45	SM	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: CS-16

Lab Sample ID: 890-2953-27

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	34586	09/15/22 11:31	SMC	EET MID
Soluble	Analysis	300.0		1			34945	09/20/22 14:11	CH	EET MID

Client Sample ID: CS-17

Lab Sample ID: 890-2953-28

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	35334	09/25/22 12:10	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35332	09/25/22 16:43	MR	EET MID
Total/NA	Analysis	Total BTEX		1			35404	09/26/22 12:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			34825	09/19/22 11:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	34633	09/16/22 08:52	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34628	09/16/22 22:06	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	34586	09/15/22 11:31	SMC	EET MID
Soluble	Analysis	300.0		1			34945	09/20/22 14:16	CH	EET MID

Client Sample ID: CS-18

Lab Sample ID: 890-2953-29

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	35334	09/25/22 12:10	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35332	09/25/22 17:04	MR	EET MID
Total/NA	Analysis	Total BTEX		1			35404	09/26/22 12:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			34825	09/19/22 11:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	34633	09/16/22 08:52	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34628	09/16/22 22:28	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	34586	09/15/22 11:31	SMC	EET MID
Soluble	Analysis	300.0		1			34945	09/20/22 14:21	CH	EET MID

Client Sample ID: CS-19

Lab Sample ID: 890-2953-30

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	35334	09/25/22 12:10	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35332	09/25/22 17:25	MR	EET MID
Total/NA	Analysis	Total BTEX		1			35404	09/26/22 12:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			34825	09/19/22 11:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	34633	09/16/22 08:52	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34628	09/16/22 22:50	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	34586	09/15/22 11:31	SMC	EET MID
Soluble	Analysis	300.0		1			34945	09/20/22 14:26	CH	EET MID

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Lab Chronicle

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: CS-20

Lab Sample ID: 890-2953-31

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	35334	09/25/22 12:10	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35332	09/25/22 17:45	MR	EET MID
Total/NA	Analysis	Total BTEX		1			35404	09/26/22 12:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			34825	09/19/22 11:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	34633	09/16/22 08:52	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34628	09/16/22 23:33	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	34586	09/15/22 11:31	SMC	EET MID
Soluble	Analysis	300.0		1			34945	09/20/22 14:30	CH	EET MID

Client Sample ID: CS-21

Lab Sample ID: 890-2953-32

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	35334	09/25/22 12:10	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35332	09/25/22 18:06	MR	EET MID
Total/NA	Analysis	Total BTEX		1			35404	09/26/22 12:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			34825	09/19/22 11:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	34633	09/16/22 08:52	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34628	09/16/22 23:54	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	34586	09/15/22 11:31	SMC	EET MID
Soluble	Analysis	300.0		1			34945	09/20/22 14:45	CH	EET MID

Client Sample ID: CS-22

Lab Sample ID: 890-2953-33

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	35334	09/25/22 12:10	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35332	09/25/22 19:31	MR	EET MID
Total/NA	Analysis	Total BTEX		1			35404	09/26/22 12:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			34825	09/19/22 11:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	34633	09/16/22 08:52	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34628	09/17/22 00:16	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	34586	09/15/22 11:31	SMC	EET MID
Soluble	Analysis	300.0		1			34945	09/20/22 14:50	CH	EET MID

Client Sample ID: CS-23

Lab Sample ID: 890-2953-34

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	35334	09/25/22 12:10	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35332	09/25/22 19:51	MR	EET MID
Total/NA	Analysis	Total BTEX		1			35404	09/26/22 12:34	SM	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: CS-23

Lab Sample ID: 890-2953-34

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			34825	09/19/22 11:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	34633	09/16/22 08:52	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34628	09/17/22 00:37	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	34586	09/15/22 11:31	SMC	EET MID
Soluble	Analysis	300.0		1			34945	09/20/22 15:04	CH	EET MID

Client Sample ID: CS-24

Lab Sample ID: 890-2953-35

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	35334	09/25/22 12:10	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35332	09/25/22 20:12	MR	EET MID
Total/NA	Analysis	Total BTEX		1			35404	09/26/22 12:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			34825	09/19/22 11:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	34633	09/16/22 08:52	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34628	09/17/22 00:59	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	34586	09/15/22 11:31	SMC	EET MID
Soluble	Analysis	300.0		1			34945	09/20/22 15:09	CH	EET MID

Client Sample ID: CS-25

Lab Sample ID: 890-2953-36

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	35334	09/25/22 12:10	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35332	09/25/22 20:33	MR	EET MID
Total/NA	Analysis	Total BTEX		1			35404	09/26/22 12:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			34825	09/19/22 11:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	34633	09/16/22 08:52	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34628	09/17/22 01:21	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	34586	09/15/22 11:31	SMC	EET MID
Soluble	Analysis	300.0		1			34945	09/20/22 15:14	CH	EET MID

Client Sample ID: CS-26

Lab Sample ID: 890-2953-37

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	35334	09/25/22 12:10	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35332	09/25/22 20:54	MR	EET MID
Total/NA	Analysis	Total BTEX		1			35404	09/26/22 12:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			34825	09/19/22 11:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	34633	09/16/22 08:52	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34628	09/17/22 01:42	SM	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: CS-26

Lab Sample ID: 890-2953-37

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5 g	50 mL	34586	09/15/22 11:31	SMC	EET MID
Soluble	Analysis	300.0		1			34945	09/20/22 15:19	CH	EET MID

Client Sample ID: CS-27

Lab Sample ID: 890-2953-38

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	35334	09/25/22 12:10	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35332	09/25/22 21:14	MR	EET MID
Total/NA	Analysis	Total BTEX		1			35404	09/26/22 12:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			34825	09/19/22 11:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	34633	09/16/22 08:52	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34628	09/17/22 02:03	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	34586	09/15/22 11:31	SMC	EET MID
Soluble	Analysis	300.0		1			34945	09/20/22 15:24	CH	EET MID

Client Sample ID: CS-28

Lab Sample ID: 890-2953-39

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	35334	09/25/22 12:10	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35332	09/25/22 21:35	MR	EET MID
Total/NA	Analysis	Total BTEX		1			35404	09/26/22 12:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			34825	09/19/22 11:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	34633	09/16/22 08:52	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34628	09/17/22 02:25	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	34586	09/15/22 11:31	SMC	EET MID
Soluble	Analysis	300.0		1			34945	09/20/22 15:29	CH	EET MID

Client Sample ID: CS-29

Lab Sample ID: 890-2953-40

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	35334	09/25/22 12:10	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35332	09/25/22 21:56	MR	EET MID
Total/NA	Analysis	Total BTEX		1			35404	09/26/22 12:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			34825	09/19/22 11:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	34633	09/16/22 08:52	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34628	09/17/22 02:46	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	34586	09/15/22 11:31	SMC	EET MID
Soluble	Analysis	300.0		5			34945	09/20/22 15:33	CH	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Samantha 31 6 Fed Com 1H

Job ID: 890-2953-1
SDG: 225995

Client Sample ID: CS-30

Date Collected: 09/13/22 12:00

Date Received: 09/14/22 09:18

Lab Sample ID: 890-2953-41

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	35193	09/22/22 15:23	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35231	09/24/22 00:32	MR	EET MID
Total/NA	Analysis	Total BTEX		1			35404	09/26/22 12:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			34825	09/19/22 11:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	34648	09/16/22 09:40	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34707	09/17/22 11:23	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	34587	09/15/22 11:34	SMC	EET MID
Soluble	Analysis	300.0		1			34946	09/20/22 19:18	CH	EET MID

Client Sample ID: CS-31

Date Collected: 09/13/22 12:00

Date Received: 09/14/22 09:18

Lab Sample ID: 890-2953-42

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	35193	09/22/22 15:23	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35231	09/24/22 00:53	MR	EET MID
Total/NA	Analysis	Total BTEX		1			35404	09/26/22 12:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			34825	09/19/22 11:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	34648	09/16/22 09:40	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34707	09/17/22 12:29	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	34587	09/15/22 11:34	SMC	EET MID
Soluble	Analysis	300.0		1			34946	09/20/22 19:32	CH	EET MID

Client Sample ID: CS-32

Date Collected: 09/13/22 12:00

Date Received: 09/14/22 09:18

Lab Sample ID: 890-2953-43

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	35193	09/22/22 15:23	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35231	09/24/22 01:13	MR	EET MID
Total/NA	Analysis	Total BTEX		1			35404	09/26/22 12:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			34825	09/19/22 11:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	34648	09/16/22 09:40	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34707	09/17/22 12:50	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	34587	09/15/22 11:34	SMC	EET MID
Soluble	Analysis	300.0		1			34946	09/20/22 19:37	CH	EET MID

Client Sample ID: CS-33

Date Collected: 09/13/22 12:00

Date Received: 09/14/22 09:18

Lab Sample ID: 890-2953-44

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	35193	09/22/22 15:23	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35231	09/24/22 01:33	MR	EET MID
Total/NA	Analysis	Total BTEX		1			35404	09/26/22 12:34	SM	EET MID

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Lab Chronicle

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: CS-33

Lab Sample ID: 890-2953-44

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			34825	09/19/22 11:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	34648	09/16/22 09:40	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34707	09/17/22 13:12	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	34587	09/15/22 11:34	SMC	EET MID
Soluble	Analysis	300.0		1			34946	09/20/22 19:42	CH	EET MID

Client Sample ID: CS-34

Lab Sample ID: 890-2953-45

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	35193	09/22/22 15:23	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35231	09/24/22 01:54	MR	EET MID
Total/NA	Analysis	Total BTEX		1			35404	09/26/22 12:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			34825	09/19/22 11:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	34648	09/16/22 09:40	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34707	09/17/22 13:34	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	34587	09/15/22 11:34	SMC	EET MID
Soluble	Analysis	300.0		1			34946	09/20/22 19:47	CH	EET MID

Client Sample ID: CS-35

Lab Sample ID: 890-2953-46

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	35193	09/22/22 15:23	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35231	09/24/22 02:14	MR	EET MID
Total/NA	Analysis	Total BTEX		1			35404	09/26/22 12:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			34825	09/19/22 11:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	34648	09/16/22 09:40	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34707	09/17/22 13:55	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	34587	09/15/22 11:34	SMC	EET MID
Soluble	Analysis	300.0		1			34946	09/20/22 20:01	CH	EET MID

Client Sample ID: CS-36

Lab Sample ID: 890-2953-47

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	35193	09/22/22 15:23	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35231	09/24/22 02:35	MR	EET MID
Total/NA	Analysis	Total BTEX		1			35404	09/26/22 12:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			34825	09/19/22 11:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	34648	09/16/22 09:40	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34707	09/17/22 14:17	SM	EET MID

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Lab Chronicle

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: CS-36

Lab Sample ID: 890-2953-47

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	34587	09/15/22 11:34	SMC	EET MID
Soluble	Analysis	300.0		1			34946	09/20/22 20:06	CH	EET MID

Client Sample ID: CS-37

Lab Sample ID: 890-2953-48

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	35193	09/22/22 15:23	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35231	09/24/22 02:55	MR	EET MID
Total/NA	Analysis	Total BTEX		1			35404	09/26/22 12:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			34825	09/19/22 11:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	34648	09/16/22 09:40	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34707	09/17/22 14:38	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	34587	09/15/22 11:34	SMC	EET MID
Soluble	Analysis	300.0		1			34946	09/20/22 20:11	CH	EET MID

Client Sample ID: CS-38

Lab Sample ID: 890-2953-49

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	35193	09/22/22 15:23	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35231	09/24/22 03:16	MR	EET MID
Total/NA	Analysis	Total BTEX		1			35404	09/26/22 12:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			34825	09/19/22 11:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	34648	09/16/22 09:40	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34707	09/17/22 15:00	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	34587	09/15/22 11:34	SMC	EET MID
Soluble	Analysis	300.0		1			34946	09/20/22 20:16	CH	EET MID

Client Sample ID: CS-39

Lab Sample ID: 890-2953-50

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	35193	09/22/22 15:23	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35231	09/24/22 03:36	MR	EET MID
Total/NA	Analysis	Total BTEX		1			35404	09/26/22 12:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			34825	09/19/22 11:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	34648	09/16/22 09:40	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34707	09/17/22 15:21	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	34587	09/15/22 11:34	SMC	EET MID
Soluble	Analysis	300.0		1			34946	09/20/22 20:21	CH	EET MID

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Lab Chronicle

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: CS-40

Lab Sample ID: 890-2953-51

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	35334	09/25/22 12:10	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35332	09/25/22 22:17	MR	EET MID
Total/NA	Analysis	Total BTEX		1			35404	09/26/22 12:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			34825	09/19/22 11:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	34648	09/16/22 09:40	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34707	09/17/22 16:05	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	34587	09/15/22 11:34	SMC	EET MID
Soluble	Analysis	300.0		1			34946	09/20/22 20:26	CH	EET MID

Client Sample ID: CS-41

Lab Sample ID: 890-2953-52

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	35334	09/25/22 12:10	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35332	09/25/22 22:37	MR	EET MID
Total/NA	Analysis	Total BTEX		1			35404	09/26/22 12:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			34825	09/19/22 11:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	34648	09/16/22 09:40	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34707	09/17/22 16:26	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	34587	09/15/22 11:34	SMC	EET MID
Soluble	Analysis	300.0		1			34946	09/20/22 20:40	CH	EET MID

Client Sample ID: CS-42

Lab Sample ID: 890-2953-53

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	35335	09/25/22 12:23	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35348	09/26/22 12:21	MR	EET MID
Total/NA	Analysis	Total BTEX		1			35404	09/26/22 12:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			34825	09/19/22 11:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	34648	09/16/22 09:40	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34707	09/17/22 16:48	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	34587	09/15/22 11:34	SMC	EET MID
Soluble	Analysis	300.0		1			34946	09/20/22 20:45	CH	EET MID

Client Sample ID: CS-43

Lab Sample ID: 890-2953-54

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	35335	09/25/22 12:23	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35348	09/26/22 13:22	MR	EET MID
Total/NA	Analysis	Total BTEX		1			35404	09/26/22 12:34	SM	EET MID

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Lab Chronicle

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: CS-43

Lab Sample ID: 890-2953-54

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			34825	09/19/22 11:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	34648	09/16/22 09:40	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34707	09/17/22 17:10	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	34587	09/15/22 11:34	SMC	EET MID
Soluble	Analysis	300.0		1			34946	09/20/22 21:00	CH	EET MID

Client Sample ID: CS-44

Lab Sample ID: 890-2953-55

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	35335	09/25/22 12:23	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35348	09/26/22 13:42	MR	EET MID
Total/NA	Analysis	Total BTEX		1			35404	09/26/22 12:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			34825	09/19/22 11:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	34648	09/16/22 09:40	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34707	09/17/22 17:32	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	34587	09/15/22 11:34	SMC	EET MID
Soluble	Analysis	300.0		1			34946	09/20/22 21:04	CH	EET MID

Client Sample ID: CS-45

Lab Sample ID: 890-2953-56

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	35335	09/25/22 12:23	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35348	09/26/22 14:03	MR	EET MID
Total/NA	Analysis	Total BTEX		1			35404	09/26/22 12:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			34825	09/19/22 11:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	34648	09/16/22 09:40	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34707	09/17/22 17:53	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	34587	09/15/22 11:34	SMC	EET MID
Soluble	Analysis	300.0		1			34946	09/20/22 21:09	CH	EET MID

Client Sample ID: CS-46

Lab Sample ID: 890-2953-57

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	35335	09/25/22 12:23	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35348	09/26/22 14:23	MR	EET MID
Total/NA	Analysis	Total BTEX		1			35404	09/26/22 12:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			34825	09/19/22 11:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	34648	09/16/22 09:40	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34707	09/17/22 18:15	SM	EET MID

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Lab Chronicle

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: CS-46

Lab Sample ID: 890-2953-57

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	34587	09/15/22 11:34	SMC	EET MID
Soluble	Analysis	300.0		1			34946	09/20/22 21:14	CH	EET MID

Client Sample ID: CS-47

Lab Sample ID: 890-2953-58

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	35335	09/25/22 12:23	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35348	09/26/22 14:44	MR	EET MID
Total/NA	Analysis	Total BTEX		1			35404	09/26/22 12:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			34825	09/19/22 11:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	34648	09/16/22 09:40	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34707	09/17/22 18:37	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	34587	09/15/22 11:34	SMC	EET MID
Soluble	Analysis	300.0		1			34946	09/20/22 21:19	CH	EET MID

Client Sample ID: CS-48

Lab Sample ID: 890-2953-59

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	35335	09/25/22 12:23	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35348	09/26/22 15:04	MR	EET MID
Total/NA	Analysis	Total BTEX		1			35404	09/26/22 12:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			34825	09/19/22 11:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	34648	09/16/22 09:40	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34707	09/17/22 18:58	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	34587	09/15/22 11:34	SMC	EET MID
Soluble	Analysis	300.0		1			34946	09/20/22 21:24	CH	EET MID

Client Sample ID: CS-49

Lab Sample ID: 890-2953-60

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	35335	09/25/22 12:23	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35348	09/26/22 15:25	MR	EET MID
Total/NA	Analysis	Total BTEX		1			35404	09/26/22 12:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			34825	09/19/22 11:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	34648	09/16/22 09:40	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34707	09/17/22 19:20	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	34587	09/15/22 11:34	SMC	EET MID
Soluble	Analysis	300.0		1			34946	09/20/22 21:29	CH	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Samantha 31 6 Fed Com 1H

Job ID: 890-2953-1
SDG: 225995

Client Sample ID: CS-50

Date Collected: 09/13/22 12:00

Date Received: 09/14/22 09:18

Lab Sample ID: 890-2953-61

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	35198	09/22/22 15:35	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35227	09/23/22 21:51	MR	EET MID
Total/NA	Analysis	Total BTEX		1			35404	09/26/22 12:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			34825	09/19/22 11:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	34600	09/15/22 15:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34707	09/18/22 04:14	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	34588	09/15/22 11:40	SMC	EET MID
Soluble	Analysis	300.0		1			34947	09/21/22 06:19	CH	EET MID

Client Sample ID: CS-51

Date Collected: 09/13/22 12:00

Date Received: 09/14/22 09:18

Lab Sample ID: 890-2953-62

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	35198	09/22/22 15:35	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35227	09/23/22 22:11	MR	EET MID
Total/NA	Analysis	Total BTEX		1			35404	09/26/22 12:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			34825	09/19/22 11:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	34600	09/15/22 15:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34707	09/18/22 03:52	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	34588	09/15/22 11:40	SMC	EET MID
Soluble	Analysis	300.0		1			34947	09/21/22 06:34	CH	EET MID

Client Sample ID: CS-52

Date Collected: 09/13/22 12:00

Date Received: 09/14/22 09:18

Lab Sample ID: 890-2953-63

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	35198	09/22/22 15:35	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35227	09/23/22 22:32	MR	EET MID
Total/NA	Analysis	Total BTEX		1			35404	09/26/22 12:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			34825	09/19/22 11:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	34601	09/15/22 15:04	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34628	09/16/22 16:01	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	34588	09/15/22 11:40	SMC	EET MID
Soluble	Analysis	300.0		1			34947	09/21/22 06:39	CH	EET MID

Client Sample ID: CS-53

Date Collected: 09/13/22 12:00

Date Received: 09/14/22 09:18

Lab Sample ID: 890-2953-64

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	35198	09/22/22 15:35	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35227	09/23/22 22:52	MR	EET MID
Total/NA	Analysis	Total BTEX		1			35404	09/26/22 12:34	SM	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: CS-53

Lab Sample ID: 890-2953-64

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			34825	09/19/22 11:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	34601	09/15/22 15:04	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34628	09/16/22 16:22	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	34588	09/15/22 11:40	SMC	EET MID
Soluble	Analysis	300.0		1			34947	09/21/22 06:43	CH	EET MID

Client Sample ID: CS-54

Lab Sample ID: 890-2953-65

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	35198	09/22/22 15:35	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35227	09/23/22 23:13	MR	EET MID
Total/NA	Analysis	Total BTEX		1			35404	09/26/22 12:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			34825	09/19/22 11:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	34601	09/15/22 15:04	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34628	09/16/22 16:44	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	34588	09/15/22 11:40	SMC	EET MID
Soluble	Analysis	300.0		1			34947	09/21/22 06:48	CH	EET MID

Client Sample ID: CS-55

Lab Sample ID: 890-2953-66

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	35198	09/22/22 15:35	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35227	09/23/22 23:33	MR	EET MID
Total/NA	Analysis	Total BTEX		1			35404	09/26/22 12:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			34825	09/19/22 11:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	34601	09/15/22 15:04	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34628	09/16/22 17:05	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	34588	09/15/22 11:40	SMC	EET MID
Soluble	Analysis	300.0		1			34947	09/21/22 07:03	CH	EET MID

Client Sample ID: CS-56

Lab Sample ID: 890-2953-67

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	35198	09/22/22 15:35	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35227	09/23/22 23:54	MR	EET MID
Total/NA	Analysis	Total BTEX		1			35404	09/26/22 12:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			34825	09/19/22 11:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	34675	09/16/22 11:48	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34626	09/17/22 06:00	SM	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Client Sample ID: CS-56

Lab Sample ID: 890-2953-67

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	34588	09/15/22 11:40	SMC	EET MID
Soluble	Analysis	300.0		1			34947	09/21/22 07:08	CH	EET MID

Client Sample ID: CS-57

Lab Sample ID: 890-2953-68

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	35198	09/22/22 15:35	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35227	09/24/22 00:14	MR	EET MID
Total/NA	Analysis	Total BTEX		1			35404	09/26/22 12:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			34825	09/19/22 11:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	34675	09/16/22 11:48	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34626	09/17/22 06:22	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	34588	09/15/22 11:40	SMC	EET MID
Soluble	Analysis	300.0		1			34947	09/21/22 07:13	CH	EET MID

Client Sample ID: CS-58

Lab Sample ID: 890-2953-69

Date Collected: 09/13/22 12:00

Matrix: Solid

Date Received: 09/14/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	35198	09/22/22 15:35	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35227	09/24/22 00:35	MR	EET MID
Total/NA	Analysis	Total BTEX		1			35404	09/26/22 12:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			34825	09/19/22 11:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	34675	09/16/22 11:48	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34626	09/17/22 06:43	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	34588	09/15/22 11:40	SMC	EET MID
Soluble	Analysis	300.0		1			34947	09/21/22 07:17	CH	EET MID

Laboratory References:

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

Eurofins Carlsbad

Accreditation/Certification Summary

Client: NT Global
Project/Site: Samantha 31 6 Fed Com 1H

Job ID: 890-2953-1
SDG: 225995

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-24	06-30-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

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	MCAWW	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

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

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: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
890-2953-1	SW-1	Solid	09/13/22 12:00	09/14/22 09:18
890-2953-2	SW-2	Solid	09/13/22 12:00	09/14/22 09:18
890-2953-3	SW-3	Solid	09/13/22 12:00	09/14/22 09:18
890-2953-4	SW-4	Solid	09/13/22 12:00	09/14/22 09:18
890-2953-5	SW-5	Solid	09/13/22 12:00	09/14/22 09:18
890-2953-6	SW-6	Solid	09/13/22 12:00	09/14/22 09:18
890-2953-7	SW-7	Solid	09/13/22 12:00	09/14/22 09:18
890-2953-8	SW-8	Solid	09/13/22 12:00	09/14/22 09:18
890-2953-9	SW-9	Solid	09/13/22 12:00	09/14/22 09:18
890-2953-10	SW-10	Solid	09/13/22 12:00	09/14/22 09:18
890-2953-11	SW-11	Solid	09/13/22 12:00	09/14/22 09:18
890-2953-12	CS-1	Solid	09/13/22 12:00	09/14/22 09:18
890-2953-13	CS-2	Solid	09/13/22 12:00	09/14/22 09:18
890-2953-14	CS-3	Solid	09/13/22 12:00	09/14/22 09:18
890-2953-15	CS-4	Solid	09/13/22 12:00	09/14/22 09:18
890-2953-16	CS-5	Solid	09/13/22 12:00	09/14/22 09:18
890-2953-17	CS-6	Solid	09/13/22 12:00	09/14/22 09:18
890-2953-18	CS-7	Solid	09/13/22 12:00	09/14/22 09:18
890-2953-19	CS-8	Solid	09/13/22 12:00	09/14/22 09:18
890-2953-20	CS-9	Solid	09/13/22 12:00	09/14/22 09:18
890-2953-21	CS-10	Solid	09/13/22 12:00	09/14/22 09:18
890-2953-22	CS-11	Solid	09/13/22 12:00	09/14/22 09:18
890-2953-23	CS-12	Solid	09/13/22 12:00	09/14/22 09:18
890-2953-24	CS-13	Solid	09/13/22 12:00	09/14/22 09:18
890-2953-25	CS-14	Solid	09/13/22 12:00	09/14/22 09:18
890-2953-26	CS-15	Solid	09/13/22 12:00	09/14/22 09:18
890-2953-27	CS-16	Solid	09/13/22 12:00	09/14/22 09:18
890-2953-28	CS-17	Solid	09/13/22 12:00	09/14/22 09:18
890-2953-29	CS-18	Solid	09/13/22 12:00	09/14/22 09:18
890-2953-30	CS-19	Solid	09/13/22 12:00	09/14/22 09:18
890-2953-31	CS-20	Solid	09/13/22 12:00	09/14/22 09:18
890-2953-32	CS-21	Solid	09/13/22 12:00	09/14/22 09:18
890-2953-33	CS-22	Solid	09/13/22 12:00	09/14/22 09:18
890-2953-34	CS-23	Solid	09/13/22 12:00	09/14/22 09:18
890-2953-35	CS-24	Solid	09/13/22 12:00	09/14/22 09:18
890-2953-36	CS-25	Solid	09/13/22 12:00	09/14/22 09:18
890-2953-37	CS-26	Solid	09/13/22 12:00	09/14/22 09:18
890-2953-38	CS-27	Solid	09/13/22 12:00	09/14/22 09:18
890-2953-39	CS-28	Solid	09/13/22 12:00	09/14/22 09:18
890-2953-40	CS-29	Solid	09/13/22 12:00	09/14/22 09:18
890-2953-41	CS-30	Solid	09/13/22 12:00	09/14/22 09:18
890-2953-42	CS-31	Solid	09/13/22 12:00	09/14/22 09:18
890-2953-43	CS-32	Solid	09/13/22 12:00	09/14/22 09:18
890-2953-44	CS-33	Solid	09/13/22 12:00	09/14/22 09:18
890-2953-45	CS-34	Solid	09/13/22 12:00	09/14/22 09:18
890-2953-46	CS-35	Solid	09/13/22 12:00	09/14/22 09:18
890-2953-47	CS-36	Solid	09/13/22 12:00	09/14/22 09:18
890-2953-48	CS-37	Solid	09/13/22 12:00	09/14/22 09:18
890-2953-49	CS-38	Solid	09/13/22 12:00	09/14/22 09:18
890-2953-50	CS-39	Solid	09/13/22 12:00	09/14/22 09:18
890-2953-51	CS-40	Solid	09/13/22 12:00	09/14/22 09:18
890-2953-52	CS-41	Solid	09/13/22 12:00	09/14/22 09:18
890-2953-53	CS-42	Solid	09/13/22 12:00	09/14/22 09:18
890-2953-54	CS-43	Solid	09/13/22 12:00	09/14/22 09:18

Sample Summary

Client: NT Global

Job ID: 890-2953-1

Project/Site: Samantha 31 6 Fed Com 1H

SDG: 225995

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
890-2953-55	CS-44	Solid	09/13/22 12:00	09/14/22 09:18
890-2953-56	CS-45	Solid	09/13/22 12:00	09/14/22 09:18
890-2953-57	CS-46	Solid	09/13/22 12:00	09/14/22 09:18
890-2953-58	CS-47	Solid	09/13/22 12:00	09/14/22 09:18
890-2953-59	CS-48	Solid	09/13/22 12:00	09/14/22 09:18
890-2953-60	CS-49	Solid	09/13/22 12:00	09/14/22 09:18
890-2953-61	CS-50	Solid	09/13/22 12:00	09/14/22 09:18
890-2953-62	CS-51	Solid	09/13/22 12:00	09/14/22 09:18
890-2953-63	CS-52	Solid	09/13/22 12:00	09/14/22 09:18
890-2953-64	CS-53	Solid	09/13/22 12:00	09/14/22 09:18
890-2953-65	CS-54	Solid	09/13/22 12:00	09/14/22 09:18
890-2953-66	CS-55	Solid	09/13/22 12:00	09/14/22 09:18
890-2953-67	CS-56	Solid	09/13/22 12:00	09/14/22 09:18
890-2953-68	CS-57	Solid	09/13/22 12:00	09/14/22 09:18
890-2953-69	CS-58	Solid	09/13/22 12:00	09/14/22 09:18



Chain of Custody

Work Order No: _____

Page 1 of 7

Project Manager:	Ethan Sessums	Bill to: (if different)	
Company Name:	NTG Environmental	Company Name:	Colgate
Address:	402 E Wood Ave	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	254-266-5456	Email:	

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ PRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADAPT ☐ Other:	

Project Name:	Samantha 31 6 Fed Com 1H	Turn Around		ANALYSIS REQUEST	Preservative Codes
Project Number:	225995	☒ Routine ☐ Rush			
Project Location:	Eddy County	Due Date:			
Sampler's Name:	Jordan Tyner	TAT starts the day received by the lab, if received by 4:30pm			
PO #:					
SAMPLE RECEIPT	Temp Blank: ☒ Yes ☒ No	Thermometer ID: <u>TTM007</u>	Well Ice: ☒ Yes ☐ No		
Received In tact:	☒ Yes ☐ No	Correction Factor:	<u>-0.2</u>		
Cooler Custody Seals:	☒ Yes ☐ No	Temperature Reading:	<u>1.2</u>		
Sample Custody Seals:	☒ Yes ☐ No	Corrected Temperature:	<u>1.0</u>		
Total Containers:	54				

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	ANALYSIS REQUEST	Preservative Codes	Sample Comments
SW-1	9/13/2022				Comp	1	X	X	X		None: NO DI Water: H ₂ O	
SW-2	9/13/2022				Comp	1	X	X	X		Cool: Cool MeOH: Me	
SW-3	9/13/2022				Comp	1	X	X	X		HCL: HC HNO ₃ : HN	
SW-4	9/13/2022				Comp	1	X	X	X		H ₂ SO ₄ : H ₂ NaOH: Na	
SW-5	9/13/2022				Comp	1	X	X	X		H ₃ PO ₄ : HP	
SW-6	9/13/2022				Comp	1	X	X	X		NaHSO ₄ : NABIS	
SW-7	9/13/2022				Comp	1	X	X	X		Na ₂ S ₂ O ₅ : NaSO ₃	
SW-8	9/13/2022				Comp	1	X	X	X		Zn Acetate+NaOH: Zn	
SW-9	9/13/2022				Comp	1	X	X	X		NaOH+Ascorbic Acid: SAPC	
SW-10	9/13/2022				Comp	1	X	X	X			

Additional Comments:			
Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and sub-contractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.			

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<u>[Signature]</u>	<u>[Signature]</u>	9-14-2021 8			



Work Order No: _____

Page 2 of 7

Project Manager:	Elhan Sessums	Bill to: (if different)	
Company Name:	NTG Environmental	Company Name:	Colgate
Address:	402 E Wood Ave	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	254-266-5456	Email:	

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other: _____	

Project Name:	Samantha 31 6 Fed Corn 1H	Turn Around		Pres. Code		ANALYSIS REQUEST								Preservative Codes			
Project Number:	225995	☒ Routine ☐ Rush													None: NO	DI Water: H ₂ O	
Project Location	Eddy County														Cool: Cool	MeOH: Me	
Sampler's Name:	Jordan Tyner														HCl: HC	HNO ₃ : HN	
PO #:		TAT starts the day received by the lab, if received by 4:30pm													H ₂ SO ₄ : H ₂	NaOH: Na	
SAMPLE RECEIPT		Temp Blank:	Yes	No	Thermometer ID:	Wet Ice:	Yes	No							H ₃ PO ₄ : HP		
Received Intact:	Yes	No			Correction Factor:										NaHSO ₄ : NABIS		
Cooler Custody Seals:	Yes	No	N/A		Temperature Reading:										Na ₂ S ₂ O ₃ : NaSO ₃		
Sample Custody Seals:	Yes	No	N/A		Corrected Temperature:										Zn Acetate+NaOH: Zn		
Total Containers:	54														NaOH+Ascorbic Acid: SAPC		
Parameters																	
BTEX 8021B																	
H 8015M (GRO + DRO + MRO)																	
Chloride 4500																	
HOLD																	

[illegible]

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns trademark terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of service. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		9.14.22			



Chain of Custody

Work Order No: _____

Page 3 of 7

Project Manager:	Ethan Sessums	Bill to: (if different)	
Company Name:	NTG Environmental	Company Name:	Colgate
Address:	402 E Wood Ave	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	254-266-5456	Email:	

Work Order Comments	
Program: UST/PST	☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund
State of Project:	
Reporting Level I	☐ Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV
Deliverables: EDD	☐ ADAPT ☐ Other:

Project Name:	Samantha 31 6 Fed Com 1H	Turn Around		ANALYSIS REQUEST	Preservative Codes	
Project Number:	225995	☒ Routine ☐ Rush				
Project Location:	Eddy County	Due Date:				
Sample's Name:	Jordan Tyner	TAT starts the day received by the lab, if received by 4:30pm				
PO #:						
SAMPLE RECEIPT	Temp Blank:	Yes	No	Wet/Dry:	Yes	No
Received Intact:	Yes	No	Thermometer ID:			
Cooler Custody Seals:	Yes	No	Correction Factor:			
Sample Custody Seals:	Yes	No	Temperature Reading:			
Total Containers:	54	Corrected Temperature:				

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	TPH										Sample Comments		
CS-10	9/13/2022				Comp	1	X	X	X										
CS-11	9/13/2022				Comp	1	X	X	X										
CS-12	9/13/2022				Comp	1	X	X	X										
CS-13	9/13/2022				Comp	1	X	X	X										
CS-14	9/13/2022				Comp	1	X	X	X										
CS-15	9/13/2022				Comp	1	X	X	X										
CS-16	9/13/2022				Comp	1	X	X	X										
CS-17	9/13/2022				Comp	1	X	X	X										
CS-18	9/13/2022				Comp	1	X	X	X										
CS-19	9/13/2022				Comp	1	X	X	X										

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		2			
		4			
		6			



Work Order No: _____

Page 4 of 7

Project Manager:	Ethan Sessums	Bill to: (if different)	
Company Name:	NTG Environmental	Company Name:	Colgate
Address:	402 E Wood Ave	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	254-266-5456	Email:	

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADAPT ☐ Other:	

Project Name:	Samantha 31 6 Fed Com 1H	Turn Around										Preservative Codes	
Project Number:	225995	☒ Routine	☐ Rush									None: NO	DI Water: H ₂ O
Project Location	Eddy County	Due Date:										Cool: Cool	Mech: Me
Sampler's Name:	Jordan Tyner	TAT starts the day received by the lab, if received by 4:30pm										HCL: HC	HNO ₃ : HN
PO #:												H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT	Temp Blank:	Yes	No	Wet Ice:	Yes	No						H ₃ PO ₄ : HP	
Received Inact:	Yes	No	Thermometer D.O.						NaHSO ₄ : NABIS				
Cooler Custody Seals:	Yes	No	N/A	Correction Factor:						Na ₂ S ₂ O ₅ : NaSO ₃			
Sample Custody Seals:	Yes	No	N/A	Temperature Reading:						Zn Acetate+NaOH: Zn			
Total Containers:	54	Corrected Temperature:							NaOH+Ascorbic Acid: SAPC				
Parameters				ANALYSIS REQUEST									
BTEX 8021B													
H 8015M (GRO + DRO + MRO)													
Chloride 4500													
HOLD													

[illegible]

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 		2			
3 		4			
5		6			

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Chain of Custody

Work Order No: _____

Page 5 of 7

Project Manager:	Ethan Sessums	Bill to: (if different)	
Company Name:	NTG Environmental	Company Name:	Colgate
Address:	402 E Wood Ave	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	254-266-5456	Email:	

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other: _____	

Project Name:		Samantha 31 6 Fed Com 1H		Turn Around												Pres. Code												ANALYSIS REQUEST														Preservative Codes			
Project Number:		225995		☒ Routine ☐ Rush																										None: NO				DI Water: H ₂ O											
Project Location:		Eddy County		Due Date:																										Cool: Cool				MeOH: Me											
Sampler's Name:		Jordan Tyner		TAT starts the day received by the lab, if received by 4:30pm																										HCL: HC				HNO ₃ : HN											
PO #:																														H ₂ SO ₄ : H ₂				NaOH: Na											
SAMPLE RECEIPT				Temp Blank:		Yes		No		Thermometer ID:				Wet Ice:		Yes		No																H ₃ PO ₄ : HP											
Received Intact:				Yes		No				Correction Factor:																								NaHSO ₄ : NABIS											
Cooler Custody Seals:				Yes		No		N/A		Temperature Reading:																								Na ₂ S ₂ O ₃ : NaSO ₃											
Sample Custody Seals:				Yes		No		N/A		Corrected Temperature:																								Zn Acetate+NaOH: Zn											
Total Containers:				54																														NaOH+Ascorbic Acid: SAPC											
Parameters																								BTEX 8021B				H 8015M (GRO + DRO + MRO)				Chloride 4500				HOLD									

[illegible]

Additional Comments:

of service. Xencio will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xencio. A minimum charge of \$65.00 will be applied to each project and a charge of \$5 for each sample submitted to Xencio, but not analyzed. These terms will be enforced unless previously negotiated. Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xencio, its affiliates and subcontractors. It assigns standard terms and conditions. Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xencio, its affiliates and subcontractors. It assigns standard terms and conditions. Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xencio, its affiliates and subcontractors. It assigns standard terms and conditions.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 			2		
3 			4		
5			6		



NTG

Work Order No: _____

Page 6 of 7

Project Manager:	Elhan Sessums	Bill to: (if different)	
Company Name:	NTG Environmental	Company Name:	Colgate
Address:	402 E Wood Ave	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	254-266-5456	Email:	

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other: _____	

[illegible][illegible]

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 		2			
3		4			
5		6			

Revised Date: 06/01/2000 Dow 2020



Work Order No: _____

Page 7 of 7

Project Manager:	Ethan Sessums	Bill to: (if different)	
Company Name:	NTG Environmental	Company Name:	Colgate
Address:	402 E Wood Ave	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	254-266-5456	Email:	

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other: _____	

[illegible][illegible]

Additional Comments:

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	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1			2			
2			4			
3			6			
4						
5						

Revised Date: 08/19/2017 Rev. 2010

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-2953-1

SDG Number: 225995

Login Number: 2953

List Number: 1

Creator: Stutzman, Amanda

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	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	

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-2953-1

SDG Number: 225995

Login Number: 2953

List Number: 2

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

List Creation: 09/15/22 10:32 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

November 18, 2022

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: SAMANTHA

Enclosed are the results of analyses for samples received by the laboratory on 11/15/22 13:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 11/15/2022
 Reported: 11/18/2022
 Project Name: SAMANTHA
 Project Number: NONE GIVEN
 Project Location: COLGATE - EDDY COUNTY

Sampling Date: 11/15/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: CS - 21 4' (H225394-01)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/17/2022	ND	1.81	90.7	2.00	2.99		
Toluene*	<0.050	0.050	11/17/2022	ND	1.90	94.9	2.00	1.93		
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	1.83	91.3	2.00	0.708		
Total Xylenes*	<0.150	0.150	11/17/2022	ND	5.77	96.2	6.00	4.64		
Total BTX	<0.300	0.300	11/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	11/16/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/16/2022	ND	203	101	200	0.171	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	197	98.4	200	1.05	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					

Surrogate: 1-Chlorooctane 98.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 102 % 46.3-178

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 11/15/2022
 Reported: 11/18/2022
 Project Name: SAMANTHA
 Project Number: NONE GIVEN
 Project Location: COLGATE - EDDY COUNTY

Sampling Date: 11/15/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: CS - 24 4' (H225394-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/17/2022	ND	1.81	90.7	2.00	2.99		
Toluene*	<0.050	0.050	11/17/2022	ND	1.90	94.9	2.00	1.93		
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	1.83	91.3	2.00	0.708		
Total Xylenes*	<0.150	0.150	11/17/2022	ND	5.77	96.2	6.00	4.64		
Total BTEX	<0.300	0.300	11/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	11/16/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/16/2022	ND	203	101	200	0.171	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	197	98.4	200	1.05	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					

Surrogate: 1-Chlorooctane 91.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.1 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 11/15/2022
 Reported: 11/18/2022
 Project Name: SAMANTHA
 Project Number: NONE GIVEN
 Project Location: COLGATE - EDDY COUNTY

Sampling Date: 11/15/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: CS - 27 4' (H225394-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/17/2022	ND	1.81	90.7	2.00	2.99		
Toluene*	<0.050	0.050	11/17/2022	ND	1.90	94.9	2.00	1.93		
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	1.83	91.3	2.00	0.708		
Total Xylenes*	<0.150	0.150	11/17/2022	ND	5.77	96.2	6.00	4.64		
Total BTEX	<0.300	0.300	11/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	11/16/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/16/2022	ND	203	101	200	0.171	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	197	98.4	200	1.05	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					

Surrogate: 1-Chlorooctane 84.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 89.8 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 11/15/2022
 Reported: 11/18/2022
 Project Name: SAMANTHA
 Project Number: NONE GIVEN
 Project Location: COLGATE - EDDY COUNTY

Sampling Date: 11/15/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: SW - 26 (H225394-04)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/17/2022	ND	1.81	90.7	2.00	2.99		
Toluene*	<0.050	0.050	11/17/2022	ND	1.90	94.9	2.00	1.93		
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	1.83	91.3	2.00	0.708		
Total Xylenes*	<0.150	0.150	11/17/2022	ND	5.77	96.2	6.00	4.64		
Total BTEX	<0.300	0.300	11/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	11/16/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/16/2022	ND	203	101	200	0.171	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	197	98.4	200	1.05	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					

Surrogate: 1-Chlorooctane 95.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 11/15/2022
 Reported: 11/18/2022
 Project Name: SAMANTHA
 Project Number: NONE GIVEN
 Project Location: COLGATE - EDDY COUNTY

Sampling Date: 11/15/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: SW - 27 (H225394-05)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/17/2022	ND	1.81	90.7	2.00	2.99		
Toluene*	<0.050	0.050	11/17/2022	ND	1.90	94.9	2.00	1.93		
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	1.83	91.3	2.00	0.708		
Total Xylenes*	<0.150	0.150	11/17/2022	ND	5.77	96.2	6.00	4.64		
Total BTEX	<0.300	0.300	11/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	11/16/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/16/2022	ND	203	101	200	0.171	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	197	98.4	200	1.05	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					

Surrogate: 1-Chlorooctane 83.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 87.9 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 11/15/2022
 Reported: 11/18/2022
 Project Name: SAMANTHA
 Project Number: NONE GIVEN
 Project Location: COLGATE - EDDY COUNTY

Sampling Date: 11/15/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: SW - 28 (H225394-06)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/17/2022	ND	1.81	90.7	2.00	2.99	
Toluene*	<0.050	0.050	11/17/2022	ND	1.90	94.9	2.00	1.93	
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	1.83	91.3	2.00	0.708	
Total Xylenes*	<0.150	0.150	11/17/2022	ND	5.77	96.2	6.00	4.64	
Total BTX	<0.300	0.300	11/17/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	11/16/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/16/2022	ND	203	101	200	0.171	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	197	98.4	200	1.05	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					

Surrogate: 1-Chlorooctane 75.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 78.6 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 11/15/2022
 Reported: 11/18/2022
 Project Name: SAMANTHA
 Project Number: NONE GIVEN
 Project Location: COLGATE - EDDY COUNTY

Sampling Date: 11/15/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: SW - 29 (H225394-07)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/17/2022	ND	1.81	90.7	2.00	2.99		
Toluene*	<0.050	0.050	11/17/2022	ND	1.90	94.9	2.00	1.93		
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	1.83	91.3	2.00	0.708		
Total Xylenes*	<0.150	0.150	11/17/2022	ND	5.77	96.2	6.00	4.64		
Total BTEX	<0.300	0.300	11/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	11/16/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/16/2022	ND	203	101	200	0.171	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	197	98.4	200	1.05	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					

Surrogate: 1-Chlorooctane 86.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.3 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 11/15/2022
 Reported: 11/18/2022
 Project Name: SAMANTHA
 Project Number: NONE GIVEN
 Project Location: COLGATE - EDDY COUNTY

Sampling Date: 11/15/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: SW - 30 (H225394-08)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/17/2022	ND	1.81	90.7	2.00	2.99		
Toluene*	<0.050	0.050	11/17/2022	ND	1.90	94.9	2.00	1.93		
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	1.83	91.3	2.00	0.708		
Total Xylenes*	<0.150	0.150	11/17/2022	ND	5.77	96.2	6.00	4.64		
Total BTEX	<0.300	0.300	11/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	11/16/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/16/2022	ND	203	101	200	0.171	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	197	98.4	200	1.05	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					

Surrogate: 1-Chlorooctane 78.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 83.7 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 11/15/2022
 Reported: 11/18/2022
 Project Name: SAMANTHA
 Project Number: NONE GIVEN
 Project Location: COLGATE - EDDY COUNTY

Sampling Date: 11/15/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: SW - 31 (H225394-09)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/17/2022	ND	1.81	90.7	2.00	2.99		
Toluene*	<0.050	0.050	11/17/2022	ND	1.90	94.9	2.00	1.93		
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	1.83	91.3	2.00	0.708		
Total Xylenes*	<0.150	0.150	11/17/2022	ND	5.77	96.2	6.00	4.64		
Total BTX	<0.300	0.300	11/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	11/16/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/16/2022	ND	203	101	200	0.171	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	197	98.4	200	1.05	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					

Surrogate: 1-Chlorooctane 79.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 84.2 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 11/15/2022
 Reported: 11/18/2022
 Project Name: SAMANTHA
 Project Number: NONE GIVEN
 Project Location: COLGATE - EDDY COUNTY

Sampling Date: 11/15/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: SW - 32 (H225394-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/17/2022	ND	1.81	90.7	2.00	2.99		
Toluene*	<0.050	0.050	11/17/2022	ND	1.90	94.9	2.00	1.93		
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	1.83	91.3	2.00	0.708		
Total Xylenes*	<0.150	0.150	11/17/2022	ND	5.77	96.2	6.00	4.64		
Total BTEx	<0.300	0.300	11/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	11/16/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/15/2022	ND	199	99.6	200	1.97	
DRO >C10-C28*	<10.0	10.0	11/15/2022	ND	184	91.8	200	1.00	
EXT DRO >C28-C36	<10.0	10.0	11/15/2022	ND					

Surrogate: 1-Chlorooctane 85.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 11/15/2022
 Reported: 11/18/2022
 Project Name: SAMANTHA
 Project Number: NONE GIVEN
 Project Location: COLGATE - EDDY COUNTY

Sampling Date: 11/15/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: SW - 33 (H225394-11)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/17/2022	ND	1.81	90.7	2.00	2.99		
Toluene*	<0.050	0.050	11/17/2022	ND	1.90	94.9	2.00	1.93		
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	1.83	91.3	2.00	0.708		
Total Xylenes*	<0.150	0.150	11/17/2022	ND	5.77	96.2	6.00	4.64		
Total BTEx	<0.300	0.300	11/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.5 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	11/16/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/15/2022	ND	199	99.6	200	1.97	
DRO >C10-C28*	<10.0	10.0	11/15/2022	ND	184	91.8	200	1.00	
EXT DRO >C28-C36	<10.0	10.0	11/15/2022	ND					

Surrogate: 1-Chlorooctane 80.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 88.6 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 11/15/2022
 Reported: 11/18/2022
 Project Name: SAMANTHA
 Project Number: NONE GIVEN
 Project Location: COLGATE - EDDY COUNTY

Sampling Date: 11/15/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: SW - 34 (H225394-12)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/17/2022	ND	1.81	90.7	2.00	2.99		
Toluene*	<0.050	0.050	11/17/2022	ND	1.90	94.9	2.00	1.93		
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	1.83	91.3	2.00	0.708		
Total Xylenes*	<0.150	0.150	11/17/2022	ND	5.77	96.2	6.00	4.64		
Total BTEx	<0.300	0.300	11/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	11/16/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/15/2022	ND	199	99.6	200	1.97	
DRO >C10-C28*	<10.0	10.0	11/15/2022	ND	184	91.8	200	1.00	
EXT DRO >C28-C36	<10.0	10.0	11/15/2022	ND					

Surrogate: 1-Chlorooctane 85.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.9 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 11/15/2022
 Reported: 11/18/2022
 Project Name: SAMANTHA
 Project Number: NONE GIVEN
 Project Location: COLGATE - EDDY COUNTY

Sampling Date: 11/15/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: SW - 35 (H225394-13)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/17/2022	ND	1.81	90.7	2.00	2.99		
Toluene*	<0.050	0.050	11/17/2022	ND	1.90	94.9	2.00	1.93		
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	1.83	91.3	2.00	0.708		
Total Xylenes*	<0.150	0.150	11/17/2022	ND	5.77	96.2	6.00	4.64		
Total BTEX	<0.300	0.300	11/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	11/16/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/16/2022	ND	199	99.6	200	1.97	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	184	91.8	200	1.00	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					

Surrogate: 1-Chlorooctane 84.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.7 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: NTCE		P.O. #:		BILL TO		ANALYSIS REQUEST	
Project Manager: Ethan Sessions		Company:					
Address: 402 E Wood Ave		Attn:					
City: Carlsbad		Address:					
State: NM Zip: 88220		City:					
Phone #: 254-2665456 Fax #:		State:					
Project #: 		Zip:					
Project Name: Sumner Ave		Phone #:					
Project Location: Eddy County		Fax #:					
Sampler Name: Taylor Kimball							
FOR LAB USE ONLY							
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX		PRESERV.	SAMPLING
				GROUNDWATER			
				WASTEWATER			
				SOIL			
				OIL			
				SLUDGE			
				OTHER :			
				ACID/BASE:			
				ICE / COOL			
				OTHER :			
				DATE	TIME		
H225394	CS-21 4'	6 1	1	11/15	1:00	✓	BTEX
1	CS-24 4'	6 1	1			✓	PH
2	CS-27 4'	6 1	1			✓	Chlorides
3	SW-26	6 1	1				
4	SW-27	6 1	1				
5	SW-28	6 1	1				
6	SW-29	6 1	1				
7	SW-30	6 1	1				
8	SW-31	6 1	1				
9	SW-32	6 1	1				
10							
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Relinquished By: [Signature]		Date: 11/15		Received By: [Signature]		Verbal Result: ☐ Yes ☐ No ☒ Add'l Phone #:	
Time: 1:00		Date: 11/15		Received By: [Signature]		All Results are emailed. Please provide Email address:	
Time: 		Date: 		Received By: 		REMARKS:	
Delivered By: (Circle One)		Observed Temp. °C		Sample Condition		CHECKED BY: (Initials)	
Cool ☒ Intact ☒		15.7		Cool ☐ Intact ☒		Turnaround Time: Standard ☒ Rush ☐	
Sampler - UPS - Bus - Other:		Corrected Temp. °C		Thermometer ID #113		Bacteria (only) Sample Condition	
15.1		15.1		Correction Factor -0.6°C		Cool Intact ☐ Observed Temp. °C	
						Corrected Temp. °C	

FORM-006 R 3.3 07/16/22

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 181534

CONDITIONS

Operator: COLGATE OPERATING, LLC 300 North Marienfeld Street Midland, TX 79701	OGRID: 371449
	Action Number: 181534
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
bhall	None	2/8/2023