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 Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party EnLink Midstream Operating, LP	OGRID 320009
Contact Name Mike Luckett	Contact Telephone 225-892-2487
Contact email Mike.Luckett@enlink.com	Incident # *(assigned by OCD)* NRM2000659184
Contact mailing address 303 W Wall Street Suite 202, Midland TX, 79701	

Location of Release Source

Latitude 32.251927 Longitude -103.962253
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Falcon CDP	Site Type Crude Station
Date Release Discovered 11/2/19	API# *(if applicable)*

Unit Letter	Section	Township	Range	County
D	2	24S	29E	Eddy

Surface Owner: [x] State [ ] Federal [ ] Tribal [ ] Private (*Name:* _____)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

[x] Crude Oil	Volume Released (bbls) 1501	Volume Recovered (bbls) 100
[ ] Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	[ ] Yes [ ] No
[ ] Condensate	Volume Released (bbls)	Volume Recovered (bbls)
[ ] Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
[ ] Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

A pig signal was improperly installed by a third party contractor on the Falcon pipeline. The pig signal failed and created and opening in the line.

Form C-141
Page 2

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☒ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release? Under the mentioned rule, this spill qualifies as major because it was greater than 25 bbls.

If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?
Yes, by Trevor Baird, Lead Environmental Engineer to Jim Griswold and Mike Bratcher via email at or around 1:30 PM on 11/2/19.

Initial Response

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

☒ The source of the release has been stopped.
☒ The impacted area has been secured to protect human health and the environment.
☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
☐ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:
EnLink has removed all free liquid on the leased land. However, EnLink is working with the State Land Office to gain right of way access to finish the cleanup efforts.

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

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: Mike Luckett
Title: Lead Environmental Engineer
Signature:
Date: 04/15/2021
email: Mike. Luckett@enlink.com
Telephone: 225-892-2487

OCD Only

Received by:
Date:

Incident ID	
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?	_____ (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.

Form C-141
Page 4

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

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: Mike Luckett Title: Lead Environmental Engineer

Signature: Date: 4/15/2021

email: Mike.Luckett@enlink.com Telephone: 225-892-2487

OCD Only

Received by: Date:

Incident ID	
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: Mike Luckett Title: Lead Environmental Engineer

Signature: Mike Luckett Date: 4/15/2021

email: Mike.Luckett@enlink.com Telephone: 225-892-2487

OCD Only

Received by: _____ Date: _____

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

Signature: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	
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: Mike Luckett Title: Lead Environmental Engineer

Signature: Mike Luckett Date: 9/14/2021

email: Mike.Luckett@enlink.com Telephone: 225-892-2487

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: _____

State of New Mexico
Oil Conservation Division

Incident ID	NRM2000659184
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

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☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

☒ Description of remediation activities

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Printed Name: Mike Luckett Title: Lead Environmental Engineer

Signature: Mike Luckett Date: 9/14/2021

email: Mike.Luckett@enlink.com Telephone: 225-892-2487

OCD Only

Received by: Robert Hamlet Date: 1/6/2022

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: Robert Hamlet Date: 1/6/2022

Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced

SITE INFORMATION

Report Type: Closure Report NRM2000659184

General Site Information:						
Site:	**Falcon CDP Release**					
Company:	**EnLink Midstream**					
Section, Township and Range	**Unit D**	**Sec. 02**	**T 24S**	**R 29E**		
Lease Number:						
County:	**Eddy County**					
GPS:	**32.251927**			**-103.962253**		
Surface Owner:	State					
Mineral Owner:						
Directions:	From intersection 742 and Dog Town Rd, Turn right on to Dog Town Rd and follow for 1.27 miles. Turn left onto lease road, follow for 2.07 miles. Turn left onto lease road, follow for 2.39 miles. Turn left onto lease road, follow for 0.36 miles. Location on the left.					

Release Data:	
Date Released:	11/2/2019
Type Release:	Crude Oil
Source of Contamination:	Failed Pig Signal
Fluid Released:	1501 bbl
Fluids Recovered:	100 bbl

Official Communication:			
Name:	Mike Luckett		Clair Gonzales
Company:	EnLink Midstream		Tetra Tech
Address:	303 W Wall Street		901 W. Wall St.
	Suite 202		Ste 100
City:	Midland, Texas, 79701		Midland, Texas, 79701
Phone number:	(432) 221-9707		(432) 682-4559
Fax:			
Email:	Mike.Luckett@enlink.com		clair.gonzales@tetratech.com

Site Characterization	
Depth to Groundwater:	*Greater than 56.5' below surface*
Karst Potential:	*Medium*

Recommended Remedial Action Levels (RRALs)				
Benzene	***Total BTEX***	***TPH (GRO+DRO)***	***TPH (GRO+DRO+MRO)***	***Chlorides***
10 mg/kg	*50 mg/kg*	*100 mg/kg*	*100 mg/kg*	*600 mg/kg*

TETRA TECH

September 14, 2021

Mr. Mike Bratcher
Environmental Engineer Specialist
Oil Conservation Division, District 1
811 South First Street
Artesia, New Mexico 88210

Re: Work Plan for the EnLink Midstream, Falcon CDP Release, Unit D, Section 2, Township 24 South, Range 29 East, Eddy County, New Mexico.
NRM2000659184

Mr. Mike Bratcher:

Tetra Tech, Inc. (Tetra Tech) was contacted by EnLink Midstream (EnLink) to assess a release that occurred at the Falcon CDP Release Site, Unit D, Section 2, Township 24 South, Range 29 East, Eddy County, New Mexico (Site). The spill site coordinates are 32.251927°, -103.962253°. The site location is shown on Figures 1 and 2.

Background

According to the State of New Mexico C-141 Initial Report, the release was discovered on November 2, 2019, and released approximately 1,501 barrels of oil due to a failed pig signal that created an opening in a line. Approximately 100 barrels of oil were recovered. The release occurred on the facility pad and migrated into the adjacent pasture; the release impacted an area measuring approximately 480' X 1,051'. The C-141 Form is included in Appendix B.

Site Characterization

A site characterization was performed for the site and no lakebeds, sinkholes, playa lakes, residences, schools, hospitals, institutions, churches, springs, private domestic water wells, springs, wetlands, incorporated municipal boundaries, subsurface mines, or floodplains are located within the specified distances. Additionally, the site is located in a medium karst potential area.

The nearest well is listed on the USGS groundwater database, in Township 23 South, Range 29 East, Section 24, with a reported depth to groundwater of 50.26' below surface. The site characterization information can be found in Appendix C.

Tetra Tech
901 West Wall St, Suite 100, Midland, TX 79701
Tel 432.682.4559 Fax 432.682.3946 www.tetratech.com

TETRA TECH

Depth to Water Determination

On June 1, 2020, Atkins Engineering, was onsite to a drill a groundwater determination borehole to 56.5' below ground surface and within a ½ mile radius of the location. The borehole was left open for 120 hours and was checked for the presence of groundwater. No groundwater was detected at 56.5' below surface. The borehole coordinates are 32.2534620, -103.959474. The driller log is shown in Appendix C.

Regulatory

A risk-based evaluation was performed for the Site in accordance with the New Mexico Oil Conservation Division (NMOCD) Guidelines for Remediation of Leaks, Spills and Releases, updated August 14, 2018. The guidelines require a risk-based evaluation of the site to determine recommended remedial action levels (RRAL) for benzene, toluene, ethylbenzene and xylene (collectively referred to as BTEX) and total petroleum hydrocarbons (TPH) in soil. The proposed RRAL for benzene was determined to be 10 parts per million (ppm) or milligrams per kilogram (mg/kg) and 50 ppm for total BTEX (sum of benzene, toluene, ethylbenzene, and xylene). Beyond the top 4.0' of soil, based upon the site characterization, and SLO alterations, the proposed RRAL for TPH is 100 mg/kg (GRO + DRO + MRO). Additionally, based on the site characterization, the proposed RRAL for chlorides is 600 mg/kg. The SLO alterations are shown in the attached email in Appendix E.

Previous Soil Assessment and Analytical Results

Initial Assessment by GHD

GHD personnel were onsite to evaluate and sample the release area, to conduct several sampling events from November 4, 2019 through February 27, 2020. A total of 76 soil samples were collected during this time frame, from the EnLink Property/Lease Area and the flow path in the pasture area on State Lands. From the release footprint of the EnLink Property/Lease Area, GHD installed 2 test pits (Test Pit 1 and Test Pit 2), collected 10 surface samples (SS-1-4" through SS-10-4"), installed 3 auger holes (HA-1-3', HA-2-5', and HA-3-3'), and collected 12 soil samples (ES-1 @ 1' through ES-10 @ 1', ES-7A @ 3', and ES-11 @ 3.5'). From the release footprint of the State Land Area, GHD collected 32 soil samples (SL-1 through SL-18, SL-1A through SL-8A, and SL-10A through SL-15A). Additionally, a total of 15 horizontal delineation samples (HD-1 through HD-15) were collected throughout the outer areas of the entire spill footprint to ensure delineation. Selected samples were submitted to the laboratory for TPH analysis by EPA method 8015 modified and BTEX by EPA Method 8021B. The results of the sampling are summarized in Table 1, Figures showing the locations of these samples are shown in Appendix A. Additionally, the laboratory reports for these sampling events are shown in Appendix A.

Referring to Table 1, samples collected from the EnLink Property/Lease area (SS-3-4", SS-4-4", SS-5-4", SS-9-4", HA-1-3', and ES-7 @ 1') reported total TPH concentrations above RRALs, concentrations ranging from 129 mg/kg to 3,100 mg/kg. Samples collected from the State Land area (SL-1@1', SL-2@2', SL-3@2', SL-4@2.5, SL-4A@4.5, SL-5@2', SL-6@2', SL-7@1.5', SL-8@1.5', SL-10@1.5', SL-11@1.5', SL-12@1.5, SL-13@1.5, SL-14@1.5, SL-15@1.5) reported total TPH concentrations above RRALs, concentrations ranging from 829 mg/kg to 21,500 mg/kg. Additionally,

TETRA TECH

samples collected from the State Land area (SL-2@2', SL-4@2.5', SL-5@2', SL-6@2', SL-7@1.5', SL-8@1.5', SL-10@1.5', SL-11@1.5', SL-14@1.5') reported BTEX concentrations above RRALs, concentrations ranging from 57.2 mg/kg to 97.5 mg/kg. Additionally, Horizontal Samples (HD-2 and HD-8) reported total TPH concentrations above RRALs, concentrations at 109 mg/kg and 114 mg/kg, respectively.

Soil Assessment and Analytical Results

Based on the previous laboratory data, Tetra Tech personnel returned to the site on December 15, 2020 through December 24, 2020, to install 32 trenches (Trench 1 through Trench 32), at depths ranging from surface to 10' below surface to assess and vertically define the hydrocarbon impact of the release. Additionally, 22 horizontal samples (H-1 through H-22) were collected to ensure horizontal delineation of the release. Select samples, as determined by the previous sampling data, were submitted to the laboratory for TPH analysis by EPA method 8015 modified and BTEX by EPA Method 8021B. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix D. The results of the sampling are summarized in Table 2. The sample locations are shown on Figure 3.

Referring to Table 2, the trenches (Trench 7 through Trench 24, and Trench 30 through Trench 31) showed elevated TPH concentrations above RRALs, concentrations ranged from 109 mg/kg to 16,800 mg/kg, ranging from depths of surface to 6.0' below surface. Additionally, a BTEX concentration above RRALs was detected in trench (Trench 22) at 56.6 mg/kg, at a depth of 5.0' below surface, this concentration declined below RRALs with increasing depth at 6.0' below surface. No other BTEX concentrations above RRALs were reported in any of the other trenches. Vertical delineation was found in all trenches with the exception of trenches (Trench 16, Trench 18, and Trench 31), due to PID readings showing low values, which were confirmed by the laboratory data to be inaccurate, these areas were vertically defined during remediation activities, and were confirmed with 5-point composite confirmation samples. Additionally, none of the horizontal samples submitted reported TPH concentrations above RRALs.

Remediation Activities and Analytical Results

Tetra Tech personnel were onsite July 21, 2021 through August 17, 2021, to supervise the remediation and collect confirmation samples. The impacted areas were excavated to depths ranging from 2.0' below surface and 12.0' below surface, as shown on Figures 4, 4A, 4B, and Table 3.

Confirmation bottom hole and sidewall samples were collected every 1000 square feet, as approved by the OCD and SLO, the emails are shown in Appendix E. A total of 50 bottom hole samples (BH-1 through BH-50) and 82 sidewall samples (SW-1 through SW-82) were collected to ensure proper removal of the impacted soils. The samples were submitted to the laboratory to be analyzed for TPH method 8015 modified, BTEX method 8021B, and Chloride by EPA Method 300.0. The sampling results are summarized in Table 3. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix D. The excavation depths, and sample locations are shown in Figures 4A and 4B.

Referring to Table 3, all final confirmation samples collected showed benzene, total BTEX, TPH, and chloride concentrations below the RRALs.

Additionally, during remediation activities, two samples (H-1A and H-2A) were installed in the areas of trenches (T-5 and T-31), respectively, to a depth of 1.0' below ground surface. These samples were installed to collect current data of these areas to determine if remediation was necessary.

TETRA TECH

Referring to Table 2, neither sample collected showed benzene, total BTEX, or TPH concentrations above the laboratory reporting limits. Additionally, neither sample showed chloride concentrations above the RRALs. The decreased TPH concentrations from the concentrations shown during assessment activities on December 21, 2020, are likely due to natural attenuation. The sample locations are shown in Figure 3.

Approximately 11,000 cubic yards of material was excavated and transported offsite for proper disposal. The areas were then backfilled with clean material to surface grade.

Reseeding will be performed in August of 2021 to coincide with the rainy season in Southeastern New Mexico and aid in revegetation. Based on the soils at the site, the NMSLO Seed Mixture (L) for Loamy Sites will be used and will be planted in the amount specified in the pounds pure live seed (PLS) per acre. The seed mixture will be spread by a drill equipped with a depth regulator or a handheld broadcaster and raked. If a hand-held broadcaster is used for dispersal, the pounds PLS per acre will be doubled.

Site inspections will be performed to assess the revegetation progress. The NMSLO seed mixture details and corresponding pounds PLS per acre are included in Appendix F.

Conclusion

Based on the laboratory results, remediation activities performed, EnLink requests closure of this spill issue. The final C-141 is enclosed in Appendix B. If you have any questions or comments concerning the assessment or remediation activities for this site, please call at (432) 682-4559.

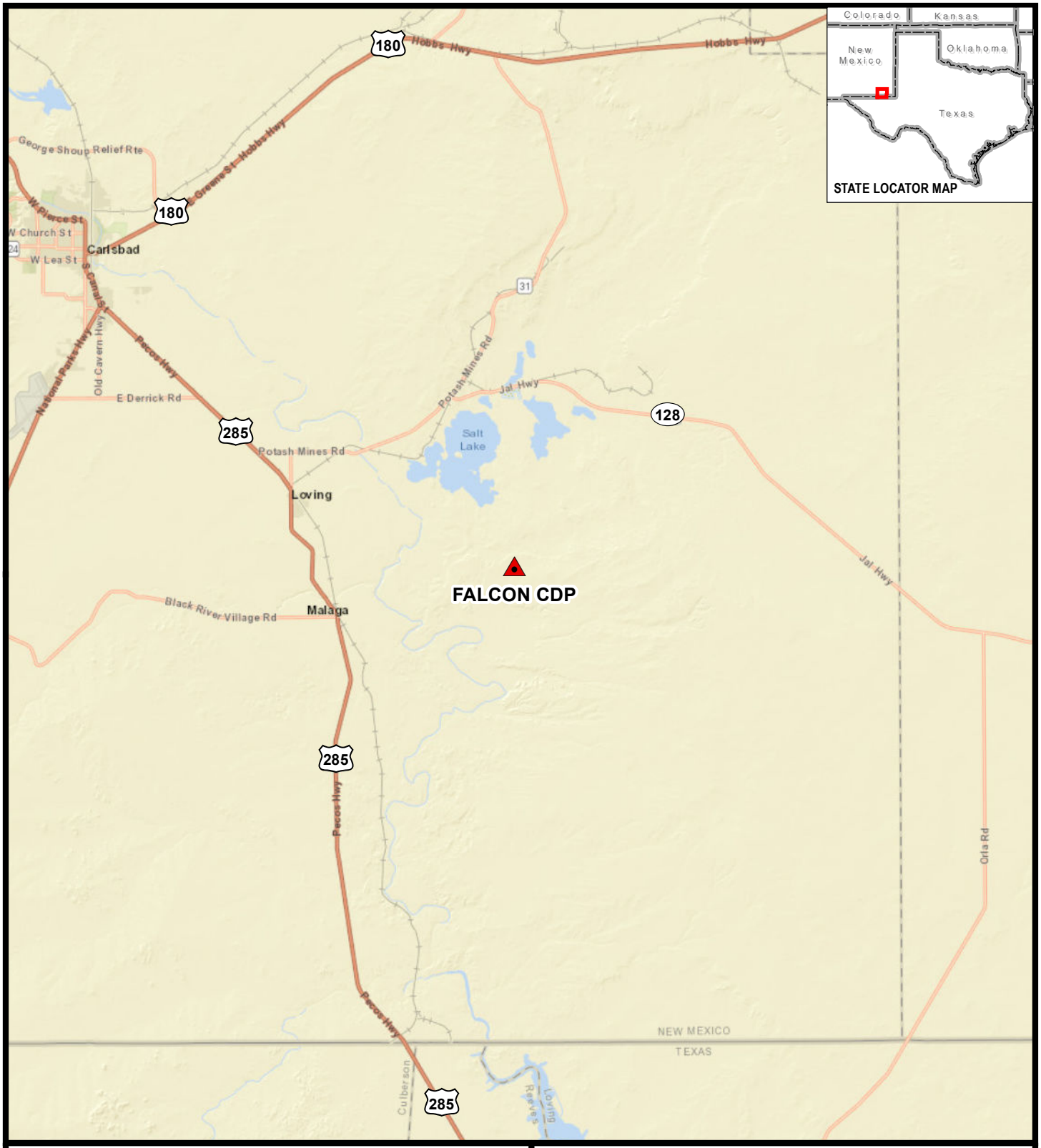
Respectfully submitted,
TETRA TECH

Brittany Long,
Project Manager

Clair Gonzales, P.G.
Senior Project Manager

TETRA TECH

Figures



SITE LOCATION

N
W
E
S

0 2.5 5 Miles

Approximate Scale in Miles

Source: ESRI Basemap - Streets, 2021.

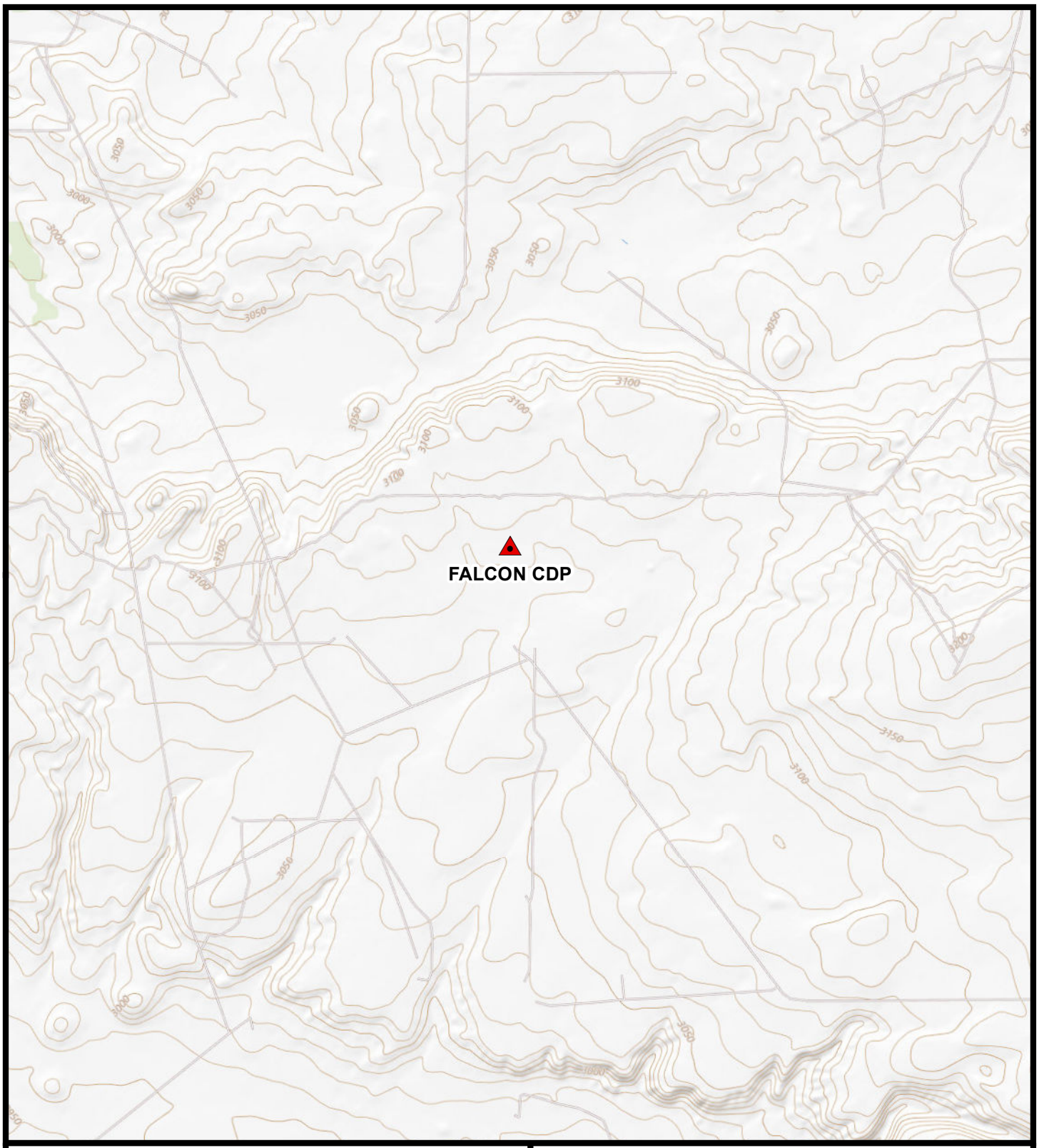
OVERVIEW MAP
FALCON CDP
Property Located at coordinates 32.251927°, -103.962253°
EDDY COUNTY, NEW MEXICO

ENLINK MIDSTREAM

Project #:
212C-MD-02376

FIGURE
1

C:\GIS\EnLink\212C-MD-02376_FalconCDP\212C-MD-02376_FALCON_CDP_FIG1.mxd 1/21/2021 joel.peters



SITE LOCATION

N
W
E
S

0 1,000 2,000 Feet

Approximate Scale in Feet

Source: USGS, The National Map, Topo Base, 2021.

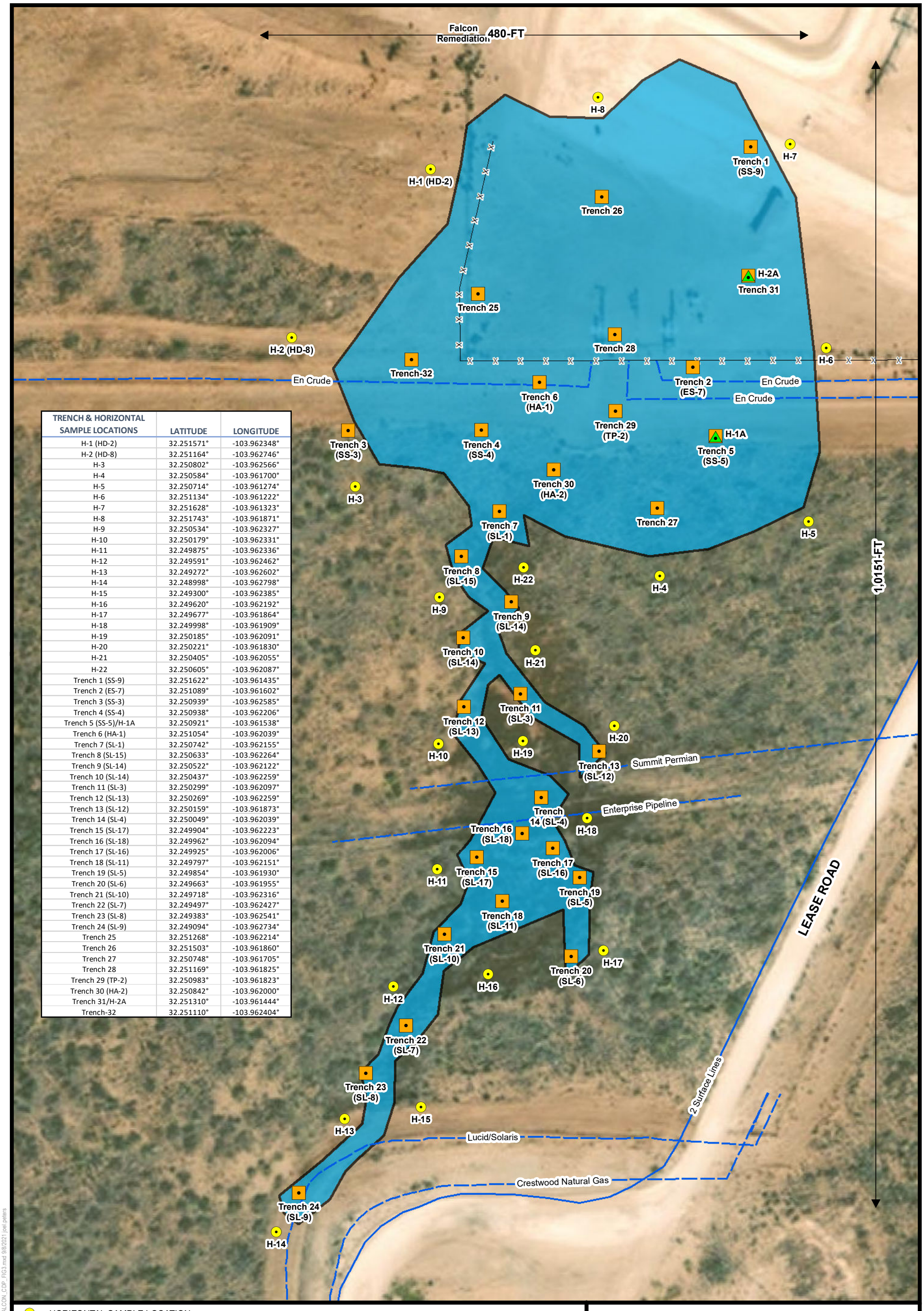
TOPOGRAPHIC MAP
FALCON CDP
Property Located at coordinates 32.251927°, -103.962253°
EDDY COUNTY, NEW MEXICO

ENLINK MIDSTREAM

Project #:
212C-MD-02376

FIGURE
2

C:\GIS\EnLink\212C-MD-02376_FalconCDP\212C-MD-02376_FALCON_CDP_FIG2.mxd 1/21/2021 joel.peters



TRENCH & HORIZONTAL SAMPLE LOCATIONS	LATITUDE	LONGITUDE
H-1 (HD-2)	32.251571°	-103.962348°
H-2 (HD-8)	32.251164°	-103.962746°
H-3	32.250802°	-103.962566°
H-4	32.250584°	-103.961700°
H-5	32.250714°	-103.961274°
H-6	32.251134°	-103.961222°
H-7	32.251628°	-103.961323°
H-8	32.251743°	-103.961871°
H-9	32.250534°	-103.962327°
H-10	32.250179°	-103.962331°
H-11	32.249875°	-103.962336°
H-12	32.249591°	-103.962462°
H-13	32.249272°	-103.962602°
H-14	32.248998°	-103.962798°
H-15	32.249300°	-103.962385°
H-16	32.249620°	-103.962192°
H-17	32.249677°	-103.961864°
H-18	32.249998°	-103.961909°
H-19	32.250185°	-103.962091°
H-20	32.250221°	-103.961830°
H-21	32.250405°	-103.962055°
H-22	32.250605°	-103.962087°
Trench 1 (SS-9)	32.251622°	-103.961435°
Trench 2 (ES-7)	32.251089°	-103.961602°
Trench 3 (SS-3)	32.250939°	-103.962585°
Trench 4 (SS-4)	32.250938°	-103.962206°
Trench 5 (SS-5)/H-1A	32.250921°	-103.961538°
Trench 6 (HA-1)	32.251054°	-103.962039°
Trench 7 (SL-1)	32.250742°	-103.962155°
Trench 8 (SL-15)	32.250633°	-103.962264°
Trench 9 (SL-14)	32.250522°	-103.962122°
Trench 10 (SL-14)	32.250437°	-103.962259°
Trench 11 (SL-3)	32.250299°	-103.962097°
Trench 12 (SL-13)	32.250269°	-103.962259°
Trench 13 (SL-12)	32.250159°	-103.961873°
Trench 14 (SL-4)	32.250049°	-103.962039°
Trench 15 (SL-17)	32.249904°	-103.962223°
Trench 16 (SL-18)	32.249962°	-103.962094°
Trench 17 (SL-16)	32.249925°	-103.962006°
Trench 18 (SL-11)	32.249797°	-103.962151°
Trench 19 (SL-5)	32.249854°	-103.961930°
Trench 20 (SL-6)	32.249663°	-103.961955°
Trench 21 (SL-10)	32.249718°	-103.962316°
Trench 22 (SL-7)	32.249497°	-103.962427°
Trench 23 (SL-8)	32.249383°	-103.962541°
Trench 24 (SL-9)	32.249094°	-103.962734°
Trench 25	32.251268°	-103.962214°
Trench 26	32.251503°	-103.961860°
Trench 27	32.250748°	-103.961705°
Trench 28	32.251169°	-103.961825°
Trench 29 (TP-2)	32.250983°	-103.961823°
Trench 30 (HA-2)	32.250842°	-103.962000°
Trench 31/H-2A	32.251310°	-103.961444°
Trench-32	32.251110°	-103.962404°

HORIZONTAL SAMPLE LOCATION
REMEDIAL HORIZONTAL SAMPLE LOCATION
TRENCH SAMPLE LOCATION
ABOVEGROUND PIPELINE
UNDERGROUND PIPELINE
FENCE
SPILL AREA

Source: ESRI - World Imagery, 2020.

N
W E
S

0 40 80 Feet
Approximate Scale in Feet

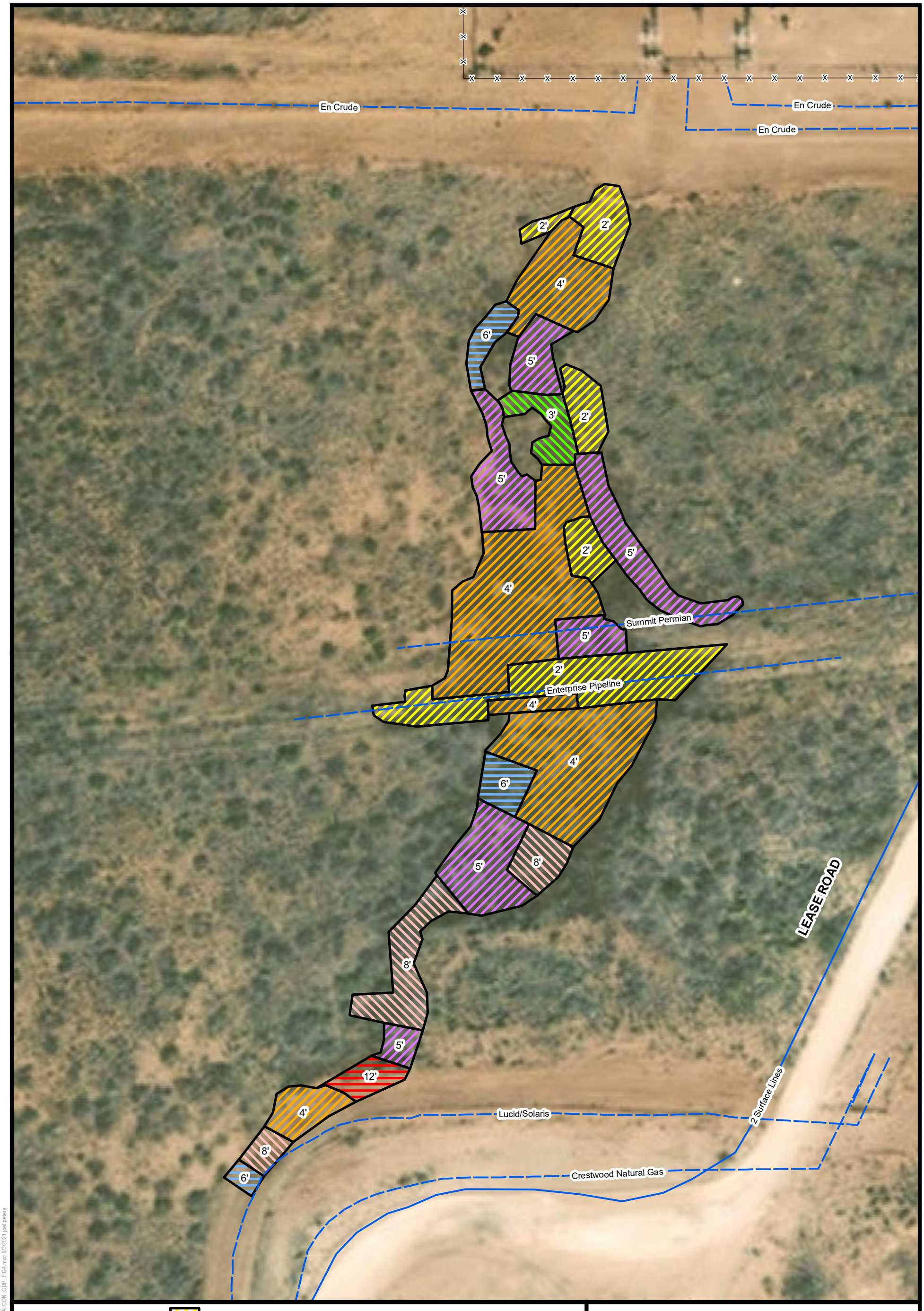
SPILL ASSESSMENT MAP
FALCON CDP
Property Located at coordinates 32.251927°, -103.962253°
EDDY COUNTY, NEW MEXICO

ENLINK MIDSTREAM

Project #: 212C-MD-02376

FIGURE 3

C:\GIS\EnLink\212C-MD-02376_Falcon\CDP\212C-MD-02376_FALCON_CDP_FIG3.mxd 9/8/2021 joel.peters



ABOVEGROUND PIPELINE
UNDERGROUND PIPELINE
FENCE

2' EXCAVATED DEPTH
3' EXCAVATED DEPTH
4' EXCAVATED DEPTH
5' EXCAVATED DEPTH
6' EXCAVATED DEPTH
8' EXCAVATED DEPTH
12' EXCAVATED DEPTH

Source: ESRI - World Imagery, 2020.

N
W
E
S

0 30 60 Feet

Approximate Scale in Feet

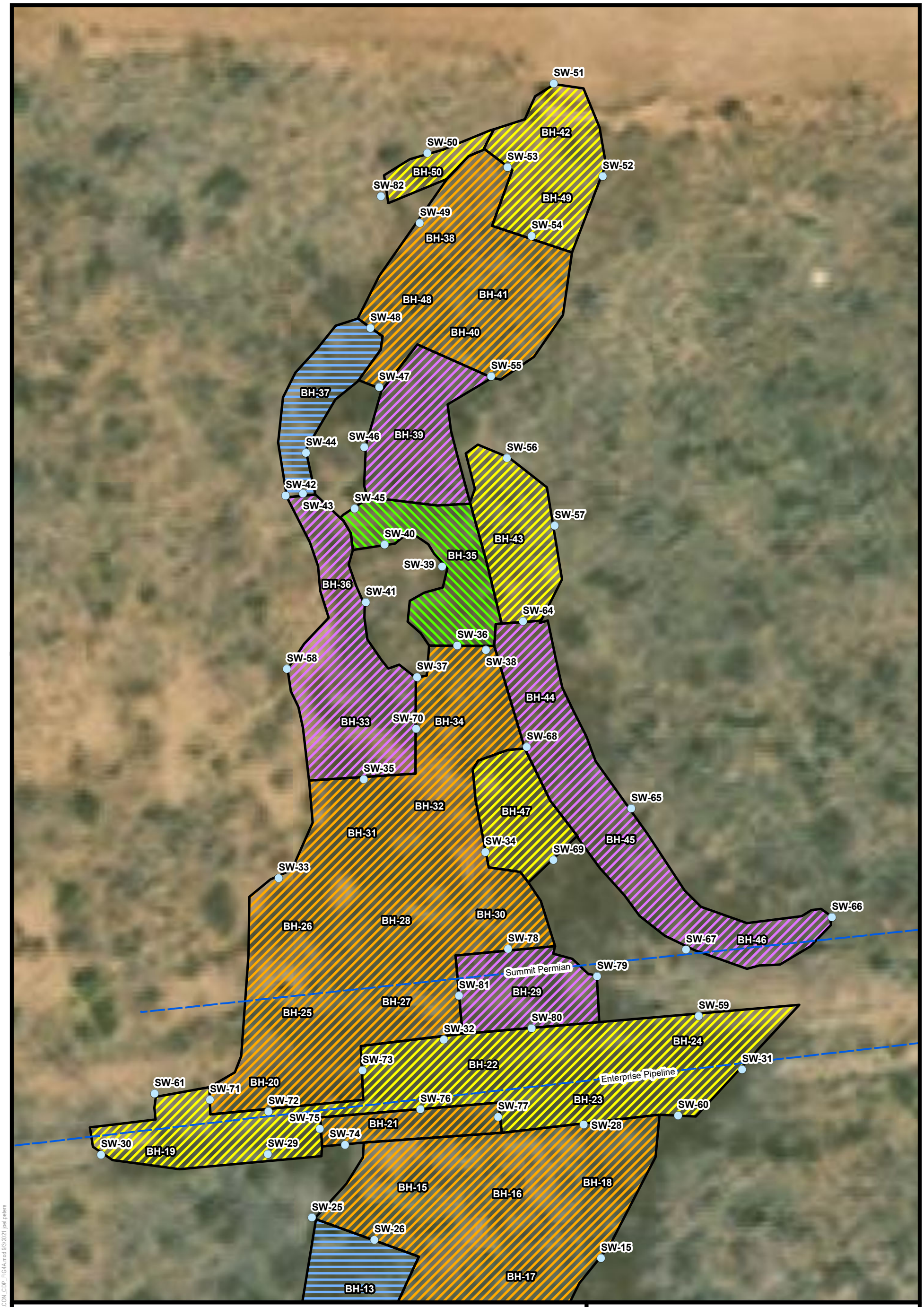
EXCAVATION AREA AND DEPTH MAP
FALCON CDP
Property Located at coordinates 32.251927°, -103.962253°
EDDY COUNTY, NEW MEXICO

ENLINK MIDSTREAM

Project #:
212C-MD-02376

FIGURE
4

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BH BOTTOM HOLE SAMPLE LOCATION

SIDEWALL DESIGNATION

UNDERGROUND PIPELINE

2' EXCAVATED DEPTH

3' EXCAVATED DEPTH

4' EXCAVATED DEPTH

5' EXCAVATED DEPTH

6' EXCAVATED DEPTH

N

W E

S

0 15 30

Feet

Approximate Scale in Feet

Source: ESRI - World Imagery, 2020.

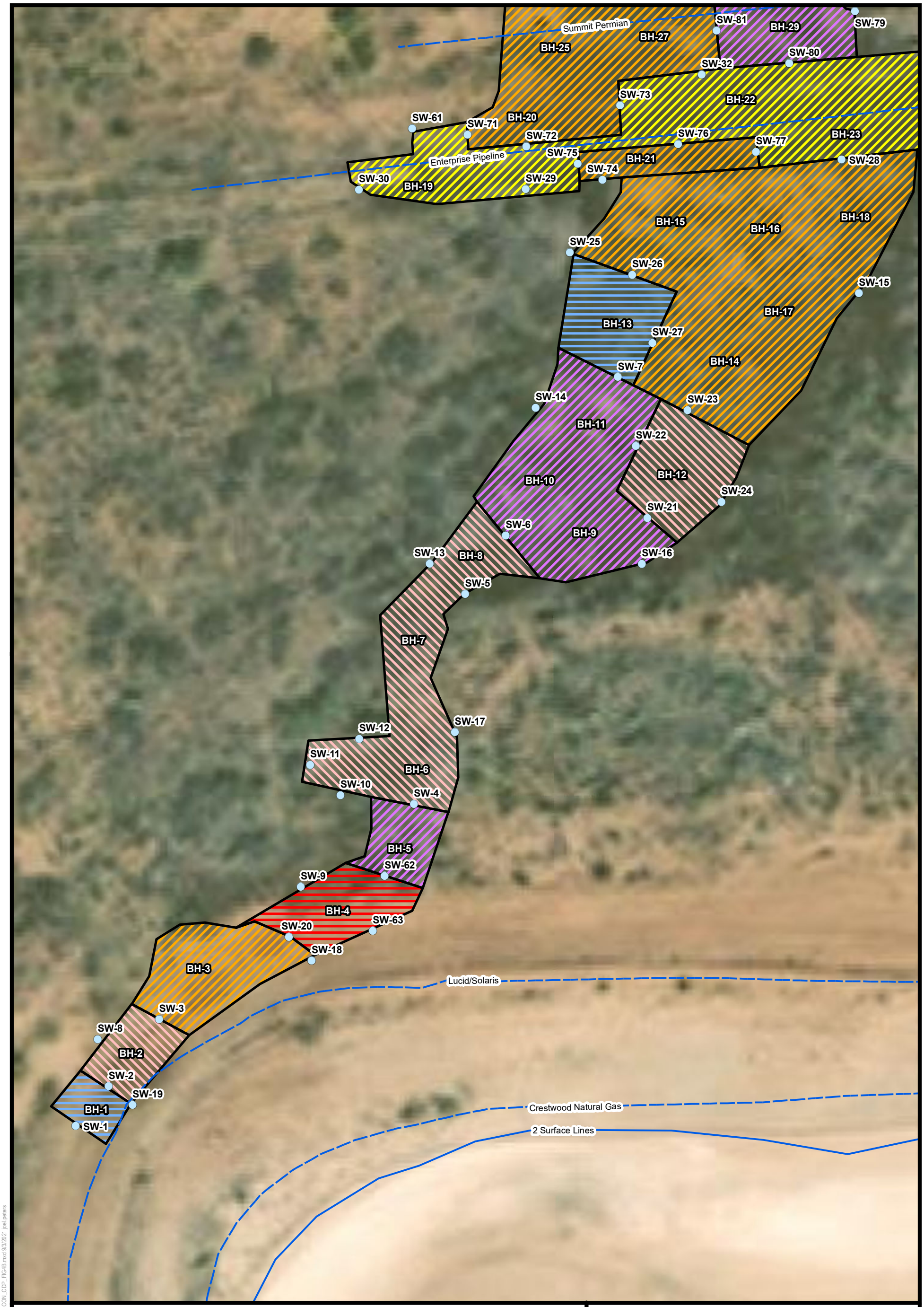
EXCAVATION AREA AND DEPTH MAP
FALCON CDP
Property Located at coordinates 32.251927°, -103.962253°
EDDY COUNTY, NEW MEXICO

ENLINK MIDSTREAM

Project #:
212C-MD-02376

FIGURE
4A

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EXCAVATION AREA AND DEPTH MAP
FALCON CDP
Property Located at coordinates 32.251927°, -103.962253°
EDDY COUNTY, NEW MEXICO

ENLINK MIDSTREAM

Project #:
212C-MD-02376

FIGURE
4B

C:\GIS\EnLink\212C-MD-02376_Falcon\CDP\212C-MD-02376_FALCON_CDP_FIG4B.mxd 9/3/2021 joel.peters

TETRA TECH

Tables

Released to Imaging: 1/6/2022 8:12:55 AM
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Table 1
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Falcon CDP Release Site
EnLink Midstream
Eddy County, New Mexico

Sample ID	Sample Date	Depth (inches or feet bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH			
								GRO(C6-C10)	DRO(C10-C28)	MRO (C28-C35)	Total GRO/DRO/MRO
			(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)
			Table I Closure Criteria for Soils >50 feet to 100 feet Depth to Groundwater 19.15.29 NMAC								
			10 mg/Kg	---	---	---	50 mg/Kg	---	---	---	2,500 mg/Kg
RELEASE ASSESSMENT ANALYTICAL RESULTS - ENLINK PROPERTY/LEASE											
TP-1-5'	11/4/19	5'	<0.000504	**0.000806 J**	**0.00244**	**0.00312**	**0.0021**	**18.2 J**	**41.3 J**	**29.1 J**	**88.6**
TP-1-7'	11/4/19	7'	<0.000502	<0.000502	<0.000502	<0.000502	<0.000502	**18.0 J**	**38.0 J**	**31.3 J**	**87.3**
TP-2-5'	11/4/19	5'	<0.000497	<0.000497	<0.000497	<0.000497	<0.000497	**18.2 J**	**37.6 J**	**29.7 J**	**85.5**
TP-2-10'	11/4/19	10'	<0.000499	**0.00119**	**0.00302**	**0.0192**	**0.0235**	**17.2 J**	**339**	**28.0 J**	**384**
SS-1-4"	11/5/19	4"	<0.000498	<0.000498	**0.00966 J**	**0.00968**	**0.0106**	**15.9 J**	**18.1 J**	**21.8 J**	**55.8**
SS-2-4"	11/5/19	4"	<0.000502	**0.000673 J**	**0.00369**	**0.00427**	**0.00863**	<13.8	<11.4	**19.7 J**	**19.7 J**
SS-3-4"	11/5/19	4"	<0.000505	**0.000707 J**	**0.0033**	**0.00373**	**0.00774**	**16.7 J**	**215**	**21.9 J**	**254**
SS-4-4"	11/5/19	4"	<0.0100	**0.154**	**0.057200**	**0.0704**	**0.282**	**22.5 J**	**2,840**	**235**	**3,100**
SS-5-4"	11/5/19	4"	<0.0104	**0.219**	**0.021900**	**0.628**	**0.869**	**36.5 J**	**1,110**	**92.5**	**1,240**
SS-6-4"	11/5/19	4"	<0.000499	<0.000499	<0.000499	**0.0159**	**0.0159**	**19.0 J**	**38.2 J**	**19.2 J**	**76.4**
SS-7-4"	11/5/19	4"	<0.000498	<0.000498	<0.000498	<0.000498	<0.000498	**15.4 J**	**15.1 J**	**35.6 J**	**66.1**
SS-8-4"	11/5/19	4"	<0.000501	<0.000501	**0.000631 J**	<0.000501	**0.000631 J**	**16.0 J**	**18.1 J**	**41.6 J**	**75.7**
SS-9-4"	11/5/19	4"	<0.000499	<0.000499	**0.000539 J**	<0.000499	**0.000539 J**	**15.0 J**	**208**	**26.4**	**249**
SS-10-4"	11/5/19	4"	<0.000503	**0.002100**	<0.000503	<0.000503	**0.002100**	**15.8 J**	**49.0 J**	**32.3**	**97.1**
HA-1-3'	11/5/19	3'	<0.000503	<0.000503	**0.052**	**0.0448**	**0.0968**	**14.2 J**	**88.4**	**26.2 J**	**129**
HA-2-5'	11/5/19	5'	<0.000498	**0.0195**	**0.0114**	**0.0393**	**0.0527**	**20.1 J**	**318**	**22.7 J**	**361**
HA-3-3'	11/5/19	3'	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	**15.0 J**	**12.0 J**	**27.1 J**	**54.1**
ES-1 @ 1'	2/11/20	1'	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	<50.0	<50.0	<50.0	<50.0
ES-2 @ 1'	2/11/20	1'	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	<50.0	<50.0	<50.0	<50.0
ES-3 @ 1'	2/11/20	1'	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	<49.9	<49.9	<49.9	<49.9
ES-4 @ 1'	2/11/20	1'	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	<49.8	<49.8	<49.8	<49.8
ES-5 @ 1'	2/11/20	1'	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	<50.0	<50.0	<50.0	<50.0
ES-6 @ 1'	2/11/20	1'	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<49.9	<49.9	<49.9	<49.9
ES-7 @ 1'	2/11/20	1'	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	<49.8	**848**	**120**	**968**
ES-7A @ 3'	2/27/20	3'	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<49.9	<49.9	<49.9	<49.9
ES-8 @ 1'	2/11/20	1'	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	<50.0	<50.0	<50.0	<50.0
ES-9 @ 1'	2/11/20	1'	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<49.9	<49.9	<49.9	<49.9
ES-10 @ 1'	2/11/20	1'	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	<49.9	<49.9	<49.9	<49.9
ES-11 @ 3.5'	2/27/20	3.5	<0.000992	<0.000992	<0.000992	<0.000992	<0.000992	<49.8	<49.8	<49.8	<49.8
STATE LAND - FLOWPATH SAMPLES											
SL-1@1'	1/9/20	1'	<0.00201	**0.00422**	**0.00479**	**0.123**	**0.132**	**160**	**615**	**54.4**	**829**
SL-1A@5'	2/27/20	5'	<0.00100	<0.00100	<0.00100	**0.00721**	**0.00721**	<49.9	**425**	<49.9	**425**

Page 21 of 821

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Table 1
Soil Analytical Data Summary - Sampling Results
Falcon CDP Release Site
EnLink Midstream
Eddy County, New Mexico

Sample ID	Sample Date	Depth (inches or feet bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH			
								GRO(C6-C10)	DRO(C10-C28)	MRO (C28-C35)	Total GRO/DRO/MRO
			(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)
			Table I Closure Criteria for Soils >50 feet to 100 feet Depth to Groundwater 19.15.29 NMAC								
			10 mg/Kg	---	---	---	50 mg/Kg	---	---	---	2,500 mg/Kg
SL-2@2'	1/9/20	2'	**1.01**	**27.2**	**5.74**	**75.2**	**109**	**4,270**	**6,720**	**549**	**11,500**
SL-2A@5'	2/27/20	5'	<0.00101	<0.00101	<0.00101	<0.00101	<0.00101	<49.9	<49.9	<49.9	<49.9
SL-3@2'	1/9/20	2'	<0.00200	**0.0244**	**0.131**	**0.426**	**0.581**	**281**	**687**	**83.6**	**1,050**
SL-3A@4.5'	2/27/20	4.5'	<0.00101	<0.00101	<0.00101	<0.00101	<0.00101	<50.0	<50.0	<50.0	<50.0
SL-4@2.5'	1/9/20	2.5'	**1.12**	**18.1**	**6.19**	**64.4**	**89.8**	**5,310**	**8,110**	**846**	**14,300**
SL-4A@4.5'	2/27/20	4.5'	**0.165**	**2.08**	**0.602**	**7.44**	**10.3**	**4,890**	**8,480**	**860**	**14,200**
SL-5@2'	1/9/20	2'	**0.437**	**19.7**	**6.68**	**70.7**	**97.5**	**6,270**	**9,740**	**866**	**16,900**
SL-5A@4.5'	2/27/20	4.5'	<0.000994	**0.00358**	**0.00835**	**0.0434**	**0.0553**	<50.0	**128**	**53.4**	**181**
SL-6@2'	1/9/20	2'	**0.423**	**17.7**	**5.02**	**55.8**	**78.9**	**4,210**	**7,640**	**886**	**12,700**
SL-6A@4.5'	2/27/20	4.5'	<0.00101	<0.00101	<0.00101	**0.00604**	**0.00604**	<49.8	**61.1**	<49.8	**61.1**
SL-7@1.5'	1/9/20	1.5'	**0.662**	**18.8**	**6.44**	**70.5**	**96.4**	**4,830**	**7,870**	**731**	**13,400**
SL-7A@5'	2/27/20	5'	<0.000996	<0.000996	<0.000996	**0.00478**	**0.00578**	**65.0**	**662**	**71.5**	**799**
SL-8@1.5'	1/9/20	1.5'	**0.394**	**14.2**	**6.32**	**68.7**	**89.6**	**5,470**	**9,520**	**881**	**15,900**
SL-8A@5'	2/27/20	5'	<0.000990	<0.000990	<0.000990	**0.00198**	**0.00198**	<49.9	**115**	<49.9	**115**
SL-9@1'	1/9/20	1'	<0.00202	**0.00219**	<0.00202	**0.00972**	**0.0119**	<50.0	<50.0	<50.0	<50.0
SL-10@1.5'	1/9/20	1.5'	**0.275**	**9.59**	**4.05**	**46.6**	**60.5**	**2,840**	**5,790**	**520**	**9,150**
SL-10A@5'	2/27/20	5'	<0.000990	<0.000990	<0.000990	<0.000990	<0.000990	<50.0	<50.0	<50.0	<50.0
SL-11@1.5'	1/9/20	1.5'	<0.198	**5.92**	**3.37**	**47.9**	**57.2**	**4,470**	**9,700**	**904**	**15,100**
SL-11A@5'	2/27/20	5'	v	<0.00100	<0.00100	<0.00100	<0.00100	<50.0	**94.6**	<50.0	**94.6**
SL-12@1.5'	1/9/20	1.5'	<0.199	**5.73**	**2.87**	**36.4**	**45**	**2,940**	**5,600**	**477**	**9,020**
SL-12A@4'	1/9/20	4'	<0.000994	<0.000994	<0.000994	<0.000994	<0.000994	<49.9	<49.9	<49.9	<49.9
SL-13@1.5'	1/9/20	1.5'	<0.00199	**0.00613**	**0.0224**	**0.478**	**0.507**	**167**	**614**	**78.4**	**859**
SL-13A@5.5'	2/27/20	5.5'	<0.000990	<0.000990	<0.000990	<0.000990	<0.000990	<50.0	**85.9**	<50.0	**85.9**
SL-14@1.5'	1/9/20	1.5'	**0.584**	**19.4**	**6.61**	**68.0**	**94.6**	**7,430**	**12,900**	**1,140**	**21,500**
SL-14A@5'	2/27/20	5'	<0.000994	<0.000994	<0.000994	<0.000994	<0.000994	<50.0	<50.0	<50.0	<50.0
SL-15@1.5'	1/9/20	1.5'	<0.202	**1.21**	**1.34**	**19.1**	**21.7**	**2,510**	**6,280**	**581**	**9,370**
SL-15A@4.5'	2/27/20	4.5'	<0.00100	<0.00100	<0.00100	**<0.00100**	<0.00100	<49.9	<49.9	<49.9	<49.9
SL-16@7'	2/27/20	7'	<0.00100	<0.00100	<0.00100	**0.0697**	**0.0697**	**169**	**701**	**56.9**	**927**
SL-17@7.5'	2/27/20	7.5'	<0.000994	<0.000994	<0.000994	<0.000994	<0.000994	<50.0	<50.0	<50.0	<50.0
SL-18@8'	2/27/20	8"	<0.00100	<0.00100	<0.00100	**0.00110**	**0.00110**	<49.9	<49.9	<49.9	<49.9
HORIZONTAL DELINEATION SAMPLES											
HD-1	2/27/20	0-6"	<0.000996	<0.000996	<0.000996	<0.000996	<0.000996	<49.8	<49.8	<49.8	<49.8
HD-2	2/27/20	0-6"	<0.000990	<0.000990	<0.000990	<0.000990	<0.000990	<49.9	**109**	<49.9	**109**

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Eddy County, New Mexico

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			(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)
			Table I Closure Criteria for Soils >50 feet to 100 feet Depth to Groundwater 19.15.29 NMAC								
			10 mg/Kg	---	---	---	50 mg/Kg	---	---	---	2,500 mg/Kg
HD-3	2/27/20	0-6"	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<49.8	**74.8**	<49.8	**74.8**
HD-4	2/27/20	0-6"	<0.00101	<0.00101	<0.00101	<0.00101	<0.00101	<50.0	**82.1**	<50.0	**82.1**
HD-5	2/27/20	0-6"	<0.000998	<0.000998	<0.000998	<0.000998	<0.000998	<50.0	**80.1**	<50.0	**80.1**
HD-6	2/27/20	0-6"	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<49.9	**96.2**	<49.9	**96.2**
HD-7	2/27/20	0-6"	<0.000994	<0.000994	<0.000994	<0.000994	<0.000994	<50.0	<50.0	<50.0	<50.0
HD-8	2/27/20	0-6"	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<49.8	**114**	<49.8	**114**
HD-9	2/27/20	0-6"	<0.000994	<0.000994	<0.000994	<0.000994	<0.000994	<50.0	<50.0	<50.0	<50.0
HD-10	2/27/20	0-6"	<0.000996	<0.000996	<0.000996	<0.000996	<0.000996	<49.9	<49.9	<49.9	<49.9
HD-11	2/27/20	0-6"	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<50.0	<50.0	<50.0	<50.0
HD-12	2/27/20	0-6"	<0.000994	<0.000994	<0.000994	<0.000994	<0.000994	<49.9	<49.9	<49.9	<49.9
HD-13	2/27/20	0-6"	<0.000994	<0.000994	<0.000994	<0.000994	<0.000994	<50.0	<50.0	<50.0	<50.0
HD-14	2/27/20	0-6"	<0.000994	<0.000994	<0.000994	<0.000994	<0.000994	<49.9	<49.9	<49.9	<49.9
HD-15	2/27/20	0-6"	<0.000992	<0.000992	<0.000992	<0.000992	<0.000992	<50.0	<50.0	<50.0	<50.0

1. Values reported in mg/kg
2. < = Value Less than Reporting Limit (RL)
3. Bold Indicates Analyte Detected
4 BTEX analyses by EPA Method SW 8021B.
5. TPH analyses by EPA Method SW 8015 Mod.
6. GRO/DRO/MRO = Gasoline/Diesel/Motor Oil
7. Yellow shaded cells indicate analytical samples that exceed the NMOC 19.15.29.12 Table 1 Closure Criteria for the site.
8. J - the target analytes was positively identified below the quantitation limit and above the detection limit.

TP - Test Pit sample collected near release source area
SS - Soil Sample collected in shallow spray area.
HA - Hand Auger sample collected off of pad area.

Released to Imaging: 1/6/2022 8:12:55 AM

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Table 2
EnLink
Falcon Remediation
Eddy County, New Mexico

Sample ID	Sample Date	Sample Depth (ft)	Soil Status		TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			In-Situ	Removed	GRO	DRO	MRO	Total						
Trench 1	12/15/2020	0-1	X		53.9	<50.0	<50.0	53.9	-	-	-	-	-	-
	"	1	X		58.1	<49.9	<49.9	58.1	-	-	-	-	-	-
	"	2	X		<50.0	<50.0	<50.0	<50.0	-	-	-	-	-	-
	"	3	X		<49.9	<49.9	<49.9	<49.9	-	-	-	-	-	-
	"	4	X		<50.0	<50.0	<50.0	<50.0	-	-	-	-	-	-
Trench 2	12/15/2020	0-1	X		50.7	<49.9	<49.9	50.7	-	-	-	-	-	-
Trench 3	12/21/2020	0-1	X		<49.8	<49.8	<49.8	<49.8	-	-	-	-	-	-
	"	1	X		<50.0	<50.0	<50.0	<50.0	-	-	-	-	-	-
	"	2	X		55.9	<50.0	<50.0	55.9	-	-	-	-	-	-
	"	3	X		59.3	<49.9	<49.9	59.3	-	-	-	-	-	-
	"	4	X		<50.0	<50.0	<50.0	<50.0	-	-	-	-	-	-
Trench 4	12/21/2020	0-1	X		<49.9	<49.9	<49.9	<49.9	-	-	-	-	-	-
	"	1	X		<49.9	<49.9	<49.9	<49.9	-	-	-	-	-	-
	"	2	X		50.3	<49.8	<49.8	50.3	-	-	-	-	-	-
	"	3	X		<50.0	<50.0	<50.0	<50.0	-	-	-	-	-	-
	"	4	X		<50.0	<50.0	<50.0	<50.0	-	-	-	-	-	-
Trench 5	12/21/2020	0-1	X		<49.9	**227**	52.3	**279**	-	-	-	-	-	-
	"	1	X		<49.9	**370**	**101**	**471**	-	-	-	-	-	-
	"	2	X		58.2	<50.0	<50.0	58.2	-	-	-	-	-	-
	"	3	X		<50.0	<50.0	<50.0	<50.0	-	-	-	-	-	-
	"	4	X		<50.0	50.0	<50.0	50.0	-	-	-	-	-	-
H-1A	8/6/2021	0-1	X		<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	5.49
Trench 6	12/21/2020	0-1	X		<50.0	<50.0	<50.0	<50.0	-	-	-	-	-	-
	"	1	X		<49.9	<49.9	<49.9	<49.9	-	-	-	-	-	-
	"	2	X		<50.0	<50.0	<50.0	<50.0	-	-	-	-	-	-
	"	3	X		<50.0	<50.0	<50.0	<50.0	-	-	-	-	-	-
	"	4	X		63.9	<50.0	<50.0	63.9	-	-	-	-	-	-

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Falcon Remediation
Eddy County, New Mexico

Sample ID	Sample Date	Sample Depth (ft)	Soil Status		TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			In-Situ	Removed	GRO	DRO	MRO	Total						
Trench 7	12/21/2020	3	X		65.1	**548**	71.1	**684**	-	-	-	-	-	-
	"	4	X		<49.9	<49.9	<49.9	<49.9	-	-	-	-	-	-
	"	5	X		<49.9	53.3	<49.9	53.3	-	-	-	-	-	-
Trench 8	12/21/2020	3	X		**274**	**3540**	**389**	**4200**	-	-	-	-	-	-
	"	4	X		<50.0	**374**	50.6	**425**	-	-	-	-	-	-
	"	5	X		<49.9	<49.9	<49.9	<49.9	-	-	-	-	-	-
Trench 9	12/21/2020	3	X		90.5	**571**	90.3	**752**	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	-
	"	4	X		<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	0.0272	0.0272	-
	"	5	X		<50.0	88.5	<50.0	88.5	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	-
Trench 10	12/21/2020	1	X		**123**	**5120**	**489**	**5730**	<0.00199	<0.00199	<0.00199	0.00246	0.00246	-
	"	2	X		<50.0	66.2	<50.0	66.2	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	-
	"	3	X		<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	-
Trench 11	12/21/2020	3	X		<49.9	**130**	<49.9	**130**	-	-	-	-	-	-
	"	4	X		<50.0	<50.0	<50.0	<50.0	-	-	-	-	-	-
Trench 12	12/21/2020	4	X		<49.9	**130**	<49.9	**130**	-	-	-	-	-	-
	"	5	X		<49.8	<49.8	<49.8	<49.8	-	-	-	-	-	-
	"	6	X		<50.0	<50.0	<50.0	<50.0	-	-	-	-	-	-
Trench 13	12/21/2020	4	X		**1820**	**5320**	**367**	**7510**	-	-	-	-	-	-
	"	5	X		**973**	**3540**	**254**	**4770**	-	-	-	-	-	-
	"	6	X		**288**	**2020**	157	2470	-	-	-	-	-	-
	"	7	X		<49.9	174	<49.9	174	-	-	-	-	-	-
	"	8	X		<50.0	<50.0	<50.0	<50.0	-	-	-	-	-	-
Trench 14	12/21/2020	0-1	X		**1400**	**14300**	**1070**	**16800**	<0.00199	0.0702	0.0337	0.381	0.485	-
	"	1	X		**618**	**5000**	**342**	**5960**	0.00263	0.0464	0.0494	0.857	0.955	-
	"	2	X		**747**	**4340**	**313**	**5400**	0.00524	0.0579	0.0574	0.966	1.09	-
	"	3	X		**292**	**2530**	**205**	**3030**	<0.00201	0.0246	0.0408	0.543	0.608	-
	"	4	X		<50.0	**50.4**	**67.3**	**118**	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	-
	"	5	X		<50.0	**261**	<50.0	**261**	<0.00200	<0.00200	<0.00200	0.00290	0.00290	-
Trench 15	12/21//2020	3	X		**705**	**3520**	**250**	**4480**	-	-	-	-	-	-
	"	4	X		**589**	**3590**	**251**	**4430**	-	-	-	-	-	-
	"	5	X		<49.9	**120**	60.3	**180**	-	-	-	-	-	-

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			In-Situ	Removed	GRO	DRO	MRO	Total						
Trench 16	12/21/2020	0-1	X		**266**	**7930**	**640**	**8840**	-	-	-	-	-	-
	"	1	X		**73.5**	**1990**	**178**	**2240**	-	-	-	-	-	-
	"	2	X		**167**	**2220**	**286**	**2670**	-	-	-	-	-	-
Trench 17	12/21/2020	0-1	X		**177**	**5510**	**549**	**6240**	-	-	-	-	-	-
	"	1	X		**256**	**2880**	**353**	**3490**	-	-	-	-	-	-
	"	2	X		**300**	**2410**	**306**	**3020**	-	-	-	-	-	-
	"	3	X		**185**	**1530**	**196**	**1910**	-	-	-	-	-	-
	"	4	X		53.4	<50.0	<50.0	53.4	-	-	-	-	-	-
	"	5	X		60.8	<49.9	<49.9	60.8	-	-	-	-	-	-
	"	6	X		<50.0	<50.0	<50.0	<50.0	-	-	-	-	-	-
	"	7	X		51.7	<50.0	<50.0	51.7	-	-	-	-	-	-
Trench 18	12/21/2020	0-1	X		**251**	**4320**	**475**	**5050**	<0.00201	<0.00201	0.00505	0.0113	0.0163	-
	"	1	X		**773**	**6130**	**480**	**7380**	<0.00200	0.0473	0.0243	0.380	0.452	-
	"	2	X		**558**	**4970**	**445**	**5970**	<0.00199	0.0260	0.0151	0.478	0.519	-
Trench 19	12/22/2020	4	X		**760**	**3400**	**360**	**4520**	0.00214	0.0517	0.0595	0.299	0.412	-
	"	5	X		**161**	**1060**	118	1340	<0.00199	0.0420	0.0149	0.165	0.222	-
	"	6	X		50.3	<49.8	<49.8	50.3	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	-
Trench 20	12/22/2020	4	X		**1890**	**6160**	**455**	**8510**	0.00544	0.255	0.186	27.6	28.0	-
	"	5	X		**578**	**2480**	**266**	**3320**	0.00367	0.0622	0.0652	16.8	16.9	-
	"	6	X		54.7	<50.0	<50.0	54.7	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	-
Trench 21	12/22/2020	4	X		**294**	**2460**	**185**	**2940**	<0.00200	0.00582	0.141	1.10	1.24	-
	"	5	X		<50.0	92.6	<50.0	92.6	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	-
	"	6	X		<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	-
Trench 22	12/22/2020	4	X		**456**	**2740**	**217**	**3410**	0.00294	0.0388	0.0217	0.465	0.528	-
	"	5	X		**1290**	**4510**	**332**	**6130**	0.171	5.33	6.20	44.9	**56.6**	-
	"	6	X		**330**	**2050**	**152**	**2530**	0.00301	1.73	2.97	23.5	28.2	-
	"	7	X		<50.0	**358**	<50.0	**358**	<0.00200	<0.00200	0.00532	0.0169	0.0222	-
Trench 23	12/22/2020	3	X		96.3	**1130**	85.7	**1310**	-	-	-	-	-	-
	"	4	X		<49.9	69.7	<49.9	69.7	-	-	-	-	-	-
	"	6	X		<50.0	54.8	<50.0	54.8	-	-	-	-	-	-
Trench 24	12/22/2020	4	X		**543**	**505**	**124**	**1170**	-	-	-	-	-	-
	"	5	X		<49.9	**151**	65.4	**216**	-	-	-	-	-	-
	"	6	X		<50.0	**176**	<50.0	**176**	-	-	-	-	-	-

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			In-Situ	Removed	GRO	DRO	MRO	Total						
Trench 25	12/15/2020	0-1	X		<50.0	<50.0	<50.0	<50.0	-	-	-	-	-	-
Trench 26	12/15/2020	0-1	X		<50.0	<50.0	<50.0	<50.0	-	-	-	-	-	-
Trench 27	12/21/2020	0-1	X		<49.8	<49.8	<49.8	<49.8	-	-	-	-	-	-
Trench 28	12/15/2020	0-1	X		<49.9	<49.9	<49.9	<49.9	-	-	-	-	-	-
Trench 29	12/21/2020	0-1	X		<50.0	<50.0	<50.0	<50.0	-	-	-	-	-	-
	"	1	X		<50.0	<50.0	<50.0	<50.0	-	-	-	-	-	-
	"	2	X		<49.9	<49.9	<49.9	<49.9	-	-	-	-	-	-
	"	3	X		<50.0	<50.0	<50.0	<50.0	-	-	-	-	-	-
	"	4	X		<50.0	<50.0	<50.0	<50.0	-	-	-	-	-	-
	"	5	X		<49.9	<49.9	<49.9	<49.9	-	-	-	-	-	-
	"	6	X		<50.0	<50.0	<50.0	<50.0	-	-	-	-	-	-
	"	7	X		<50.0	<50.0	<50.0	<50.0	-	-	-	-	-	-
	"	8	X		<49.8	<49.8	<49.8	<49.8	-	-	-	-	-	-
	"	9	X		<50.0	<50.0	<50.0	<50.0	-	-	-	-	-	-
	"	10	X		<50.0	<50.0	<50.0	<50.0	-	-	-	-	-	-
Trench 30	12/21/2020	0-1	X		**110**	**5490**	**459**	**6060**	-	-	-	-	-	-
	"	1	X		**137**	**3490**	**338**	**3970**	-	-	-	-	-	-
	"	2	X		<50.0	<50.0	<50.0	<50.0	-	-	-	-	-	-
	"	3	X		<50.0	<50.0	<50.0	<50.0	-	-	-	-	-	-
	"	4	X		<49.9	928	**130**	**1060**	-	-	-	-	-	-
	"	5	X		<49.8	63.5	<49.8	63.5	-	-	-	-	-	-
Trench 31	12/15/2020	0-1	X		<49.9	**109**	<49.9	**109**	-	-	-	-	-	-
H-2A	8/6/2021	0-1	X		<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	<4.98
Trench 32	12/21//2020	0-1	X		<50.0	<50.0	<50.0	<50.0	-	-	-	-	-	-
Horizontal-1	12/16/2020	0-1	X		<50.0	<50.0	<50.0	<50.0	-	-	-	-	-	-
Horizontal-2	12/16/2020	0-1	X		<49.9	<49.9	<49.9	<49.9	-	-	-	-	-	-
Horizontal-3	12/16/2020	0-1	X		<50.0	<50.0	<50.0	<50.0	-	-	-	-	-	-
Horizontal-4	12/16/2020	0-1	X		<50.0	<50.0	<50.0	<50.0	-	-	-	-	-	-
Horizontal-5	12/16/2020	0-1	X		<50.0	<50.0	<50.0	<50.0	-	-	-	-	-	-
Horizontal-6	12/16/2020	0-1	X		<49.9	<49.9	<49.9	<49.9	-	-	-	-	-	-

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			In-Situ	Removed	GRO	DRO	MRO	Total						
Horizontal-7	12/16/2020	0-1	X		<49.8	<49.8	<49.8	<49.8	-	-	-	-	-	-
Horizontal-8	12/16/2020	0-1	X		<50.0	<50.0	<50.0	<50.0	-	-	-	-	-	-
Horizontal-9	12/16/2020	0-1	X		<49.9	<49.9	<49.9	<49.9	-	-	-	-	-	-
Horizontal-10	12/16/2020	0-1	X		<50.0	<50.0	<50.0	<50.0	-	-	-	-	-	-
Horizontal-11	12/16/2020	0-1	X		<49.9	<49.9	<49.9	<49.9	-	-	-	-	-	-
Horizontal-12	12/16/2020	0-1	X		50.0	<50.0	<50.0	50.0	-	-	-	-	-	-
Horizontal-13	12/16/2020	0-1	X		<49.8	<49.8	<49.8	<49.8	-	-	-	-	-	-
Horizontal-14	12/16/2020	0-1	X		61.0	<49.9	<49.9	61.0	-	-	-	-	-	-
Horizontal-15	12/16/2020	0-1	X		<50.0	<50.0	<50.0	<50.0	-	-	-	-	-	-
Horizontal-16	12/16/2020	0-1	X		60.9	<50.0	<50.0	60.9	-	-	-	-	-	-
Horizontal-17	12/16/2020	0-1	X		<49.9	<49.9	<49.9	<49.9	-	-	-	-	-	-
Horizontal-18	12/16/2020	0-1	X		<49.9	<49.9	<49.9	<49.9	-	-	-	-	-	-
Horizontal-19	12/16/2020	0-1	X		<49.9	<49.9	<49.9	<49.9	-	-	-	-	-	-
Horizontal-20	12/16/2020	0-1	X		68.6	<49.9	<49.9	68.6	-	-	-	-	-	-
Horizontal-21	12/16/2020	0-1	X		<50.0	<50.0	<50.0	<50.0	-	-	-	-	-	-
Horizontal-22	12/16/2020	0-1	X		58.9	<50.0	<50.0	58.9	-	-	-	-	-	-

(-) Not Analyzed

Exceeds Thresholds

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Table 3
EnLink Midstream
Falcon CDP Release
Eddy County, New Mexico

Sample ID	Sample Date	Excavtion Depth (ft)	Soil Status		TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			In-Situ	Removed	GRO	DRO	ORO	Total						
BH-1	7/27/2021	6.0'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	31.0
BH-2	7/27/2021	8.0'	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	15.0
BH-3	7/27/2021	4.0'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	14.0
BH-4	7/27/2021	4.0'	-	X	<50.0	**549**	<50.0	**549**	0.0389	0.00623	0.0150	0.0714	0.132	8.63
	8/9/2021	5.0'	-	X	<50.0	**808**	**109**	**917**	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<5.05
	8/11/2021	8.0'	-	X	<50.0	**610**	<50.0	**610**	<0.00200	0.0101	0.0108	0.0900	0.111	<4.99
	8/16/2021	12.0'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	21.9
BH-5	7/27/2021	4.0'	-	X	<49.8	**1150**	<49.8	**1150**	<0.00200	0.00241	<0.00200	<0.00400	<0.00400	10.7
	8/9/2021	5.0'	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<4.95
BH-6	7/27/2021	7.0'	-	X	<49.7	**344**	<49.7	**344**	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	17.1
	8/9/2021	8.0'	X	-	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<5.04
BH-7	7/27/2021	7.0'	-	X	<49.9	**378**	<49.9	**378**	<0.00201	<0.00201	0.00328	<0.00402	<0.00402	23.2
	8/9/2021	8.0'	X	-	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	<4.97
BH-8	7/27/2021	8.0'	-	X	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	9.64
BH-9	7/27/2021	5.0'	-	X	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	7.97
BH-10	7/27/2021	5.0'	-	X	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	7.60
BH-11	7/27/2021	5.0'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	19.6
BH-12	7/27/2021	5.0'	-	X	<50.0	**361**	<50.0	**361**	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	9.29
	8/9/2021	8.0'	X	-	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<4.99
BH-13	7/27/2021	4.0'	-	X	<49.9	**175**	<49.9	**175**	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	13.2
	8/9/2021	6.0'	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<4.96
BH-14	7/27/2021	4.0'	X	-	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	13.9
BH-15	7/27/2021	4.0'	-	X	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	8.32
BH-16	7/27/2021	4.0'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	9.43
BH-17	8/9/2021	4.0'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	5.10
BH-18	8/9/2021	4.0'	-	X	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	5.39
BH-19	8/9/2021	2.0'	X	-	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<5.01
BH-20	8/9/2021	2.0'	X	-	<49.9	**277**	<49.9	**277**	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<4.98
	8/16/2021	4.0'	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	21.4
BH-21	8/9/2021	2.0'	-	X	<49.8	**176**	<49.8	**176**	<0.00202	<0.00202	<0.00202	0.0944	0.0944	<4.99
	8/17/2021	4.0'	-	X	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<5.00
BH-22	8/9/2021	2.0'	X	-	<49.9	91.8	<49.9	91.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<5.00
BH-23	8/9/2021	2.0'	X	-	<49.8	59.9	<49.8	59.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<5.00
BH-24	8/9/2021	2.0'	-	X	<49.9	78.7	<49.9	78.7	<0.00199	<0.00199	<0.00199	0.00766	0.00766	<5.00
BH-25	8/9/2021	4.0'	X	-	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<5.04
BH-26	8/9/2021	4.0'	X	-	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<4.98
BH-27	8/9/2021	4.0'	-	X	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<4.95
BH-28	8/9/2021	4.0'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<4.97
BH-29	8/9/2021	4.0'	X	-	<49.9	**791**	<49.9	**791**	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<4.99
	8/16/2021	5.0'	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	21.6
BH-30	8/9/2021	4.0'	-	X	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	<5.02

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Table 3
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Falcon CDP Release
Eddy County, New Mexico

Sample ID	Sample Date	Excavtion Depth (ft)	Soil Status		TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			In-Situ	Removed	GRO	DRO	ORO	Total						
BH-31	8/9/2021	4.0'	X	-	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	5.53
BH-32	8/9/2021	4.0'	X	-	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<5.00
BH-33	8/9/2021	4.0'	-	X	<50.0	**2140**	<50.0	**2140**	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<4.96
	8/16/2021	5.0'	X	-	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	26.3
BH-34	8/9/2021	4.0'	X	-	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	8.14
BH-35	8/11/2021	3.0'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<4.96
BH-36	8/9/2021	5.0'	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	0.0163	0.0163	<4.98
BH-37	8/11/2021	6.0'	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	10.8
BH-38	8/11/2021	4.0'	X	-	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	14.8
BH-39	8/11/2021	5.0'	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	8.79
BH-40	8/11/2021	2.0'	X	-	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	6.23
BH-41	8/11/2021	4.0'	X	-	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	7.23
BH-42	8/11/2021	2.0'	X	-	<49.8	52.9	<49.8	52.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	7.85
BH-43	8/12/2021	1.5'	X	-	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	19.3
BH-44	8/12/2021	5.0'	X	-	<50.0	<50.0	<50.0	<50.0	0.00219	<0.00199	<0.00199	<0.00398	<0.00398	18.7
BH-45	8/12/2021	5.0'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	19.6
BH-46	8/12/2021	5.0'	X	-	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	17.6
BH-47	8/12/2021	2.0'	X	-	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	19.5
BH-48	8/20/2021	5.0'	X	-	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	24.7
BH-49	8/20/2021	5.0'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	22.0
BH-50	8/20/2021	2.0'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	21.6
SW-1	7/27/2021	-	X	-	<50.0	<50.0	<50.0	<50.0	0.00289	<0.00200	0.00307	<0.00400	0.00596	8.27
SW-2	7/27/2021	-	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	7.08
SW-3	7/27/2021	-	-	X	<50.0	**246**	<50.0	**246**	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	20.2
	8/9/2021	-	X	-	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<4.95
SW-4	7/27/2021	-	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	7.75
SW-5	7/27/2021	-	X	-	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	12.6
SW-6	7/27/2021	-	-	X	<49.9	**1880**	**256**	**2140**	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	8.99
	8/9/2021	-	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	0.00409	0.00567	<0.00399	0.00976	<4.95
SW-7	7/27/2021	-	-	X	<50.0	**963**	**145**	**1110**	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	8.34
	8/9/2021	-	X	-	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	7.15
SW-8	7/27/2021	-	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	13.6
SW-9	7/27/2021	-	X	-	<49.8	98.3	<49.8	98.3	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	8.35
	8/11/2021	-	X	-	<49.9	**278**	<49.9	**278**	<0.00199	<0.00199	<0.00199	0.00727	0.00727	<4.97
	8/16/2021	-	X	-	<49.9	**<49.9**	<49.9	**<49.9**	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	22.4
SW-10	7/27/2021	-	X	-	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	8.34
SW-11	7/27/2021	-	-	X	<49.9	**123**	<49.9	**123**	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	6.90
	8/9/2021	-	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<5.04

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			In-Situ	Removed	GRO	DRO	ORO	Total						
SW-12	7/27/2021	-	-	X	<50.0	**247**	<50.0	**247**	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	21.2
	8/9/2021	-	X	-	<49.8	70.5	<49.8	70.5	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<4.97
SW-13	7/27/2021	-	-	X	<50.0	**587**	77.1	**664**	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	7.69
	8/9/2021	-	X	-	<49.9	81.5	<49.9	81.5	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<4.95
SW-14	7/27/2021	-	-	X	<49.9	**2700**	**394**	**3090**	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	9.05
	8/9/2021	-	X	-	<49.8	87.2	<49.8	87.2	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<4.95
SW-15	7/27/2021	-	-	X	<50.0	**758**	**108**	**866**	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	7.35
	8/9/2021	-	X	-	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<5.01
SW-16	7/27/2021	-	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	8.51
SW-17	7/27/2021	-	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	199
SW-18	7/27/2021	-	X	-	<49.9	56.7	<49.9	56.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	10.5
SW-19	7/27/2021	-	X	-	<49.9	64.4	<49.9	64.4	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	9.54
SW-20	8/9/2021	-	X	-	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<4.98
	8/11/2021	-	X	-	<49.8	679	<49.8	679	<0.00202	<0.00202	<0.00202	0.0101	0.0101	<4.97
	8/16/2021	-	X	-	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	20.9
SW-21	8/9/2021	-	X	-	<50.0	72.4	<50.0	72.4	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<4.99
SW-22	8/9/2021	-	X	-	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<5.00
SW-23	8/9/2021	-	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	18.2
SW-24	8/9/2021	-	X	-	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	17.2
SW-25	8/9/2021	-	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	17.2
SW-26	8/9/2021	-	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	17.7
SW-27	8/9/2021	-	X	-	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	19.1
SW-28	8/9/2021	-	X	-	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	24.1
SW-29	8/9/2021	-	X	-	<50.0	**668**	<50.0	**668**	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	16.0
	8/16/2021	-	X	-	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	21.4
SW-30	8/9/2021	-	X	-	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	18.2
SW-31	8/9/2021	-	X	-	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	16.3
SW-32	8/9/2021	-	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	23.7
SW-33	8/9/2021	-	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	19.2
SW-34	8/9/2021	-	X	-	<49.8	97.6	<49.8	97.6	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	18.2
SW-35	8/9/2021	-	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	28.0
SW-36	8/9/2021	-	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	18.8
SW-37	8/11/2021	-	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	10.6
SW-38	8/11/2021	-	X	-	<50.0	**646**	<50.0	**646**	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<4.96
	8/16/2021	-	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	24.8
SW-39	8/11/2021	-	X	-	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<5.05
SW-40	8/11/2021	-	X	-	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	0.00243	<0.00396	<0.00396	<5.01
SW-41	8/11/2021	-	X	-	<49.9	<49.9	<49.9	<49.9	0.00300	<0.00200	0.00218	<0.00400	0.00518	6.85
SW-42	8/11/2021	-	X	-	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	8.09
SW-43	8/11/2021	-	X	-	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	9.58
SW-44	8/11/2021	-	X	-	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	10.2
SW-45	8/11/2021	-	X	-	<50.0	58.1	<50.0	58.1	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	11.2
SW-46	8/12/2021	-	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	21.0
SW-47	8/12/2021	-	X	-	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	22.2
SW-48	8/12/2021	-	X	-	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	20.6

Released to Imaging: 1/6/2022 8:12:55 AM

Received by OCD: 9/14/2021 1:19:38 PM

Table 3
EnLink Midstream
Falcon CDP Release
Eddy County, New Mexico

Sample ID	Sample Date	Excavtion Depth (ft)	Soil Status		TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			In-Situ	Removed	GRO	DRO	ORO	Total						
SW-49	8/9/2021	-	X	-	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	<4.99
SW-50	8/11/2021	-	X	-	<50.0	**1810**	**215**	**2030**	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	12.7
	8/17/2021	-	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<4.95
SW-51	8/11/2021	-	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	5.18
SW-52	8/11/2021	-	X	-	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	5.93
SW-53	8/11/2021	-	X	-	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	8.26
SW-54	8/11/2021	-	X	-	<49.9	**186**	<49.9	**186**	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	7.07
	8/17/2021	-	X	-	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<4.95
SW-55	8/11/2021	-	X	-	<50.0	**111**	<50.0	**111**	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	7.56
	8/17/2021	-	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<5.02
SW-56	8/11/2021	-	X	-	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	8.37
SW-57	8/11/2021	-	X	-	<50.0	**358**	<50.0	**358**	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	6.43
	8/17/2021	-	X	-	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<4.99
SW-58	8/11/2021	-	X	-	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<4.95
	8/16/2021	-	X	-	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	24.5
SW-59	8/11/2021	-	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<5.00
SW-60	8/11/2021	-	X	-	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<5.00
SW-61	8/11/2021	-	X	-	<49.8	<49.8	<49.8	<49.8	0.00235	<0.00200	0.00610	0.0110	0.0195	<5.00
SW-62	8/11/2021	-	X	-	<50.0	**874**	**104**	**978**	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	<4.97
	8/16/2021	-	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	23.7
SW-63	8/11/2021	-	X	-	<50.0	**499**	57.2	**556**	<0.00200	0.00208	<0.00200	<0.00399	<0.00399	<4.99
	8/16/2021	-	X	-	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	22.1
SW-64	8/12/2021	-	X	-	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	19.8
SW-65	8/12/2021	-	X	-	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	21.9
SW-66	8/12/2021	-	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	0.00200	0.00202	<0.00401	0.00402	18.9
SW-67	8/12/2021	-	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	25.2
SW-68	8/12/2021	-	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	0.0125	0.0125	23.4
SW-69	8/12/2021	-	X	-	<49.9	<49.9	<49.9	<49.9	0.0314	<0.00198	<0.00198	<0.00396	0.0314	21.4
SW-70	8/16/2021	-	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	24.6
SW-71	8/16/2021	-	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	25.2
SW-72	8/16/2021	-	X	-	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	24.6
SW-73	8/16/2021	-	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	23.7
SW-74	8/16/2021	-	X	-	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	25.4
SW-75	8/16/2021	-	X	-	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	24.5
SW-76	8/16/2021	-	X	-	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	21.3
SW-77	8/16/2021	-	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	22.3
SW-78	8/16/2021	-	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	24.6
SW-79	8/16/2021	-	X	-	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	22.2
SW-80	8/16/2021	-	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	21.5
SW-81	8/16/2021	-	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	23.7
SW-82	8/20/2021	-	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	22.8

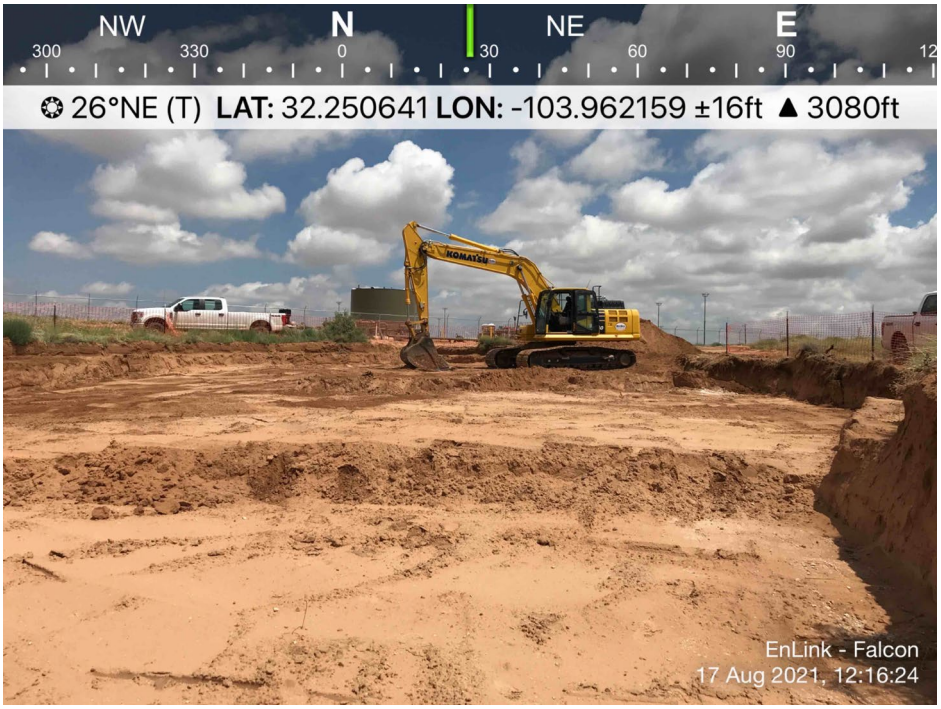
(-) Not Analyzed
Remediated

TETRA TECH

Photographic Documentation

EnLink Midstream
Falcon CDP Release
Eddy County, New Mexico

TETRA TECH



View of Remediation Activities – View Northeast

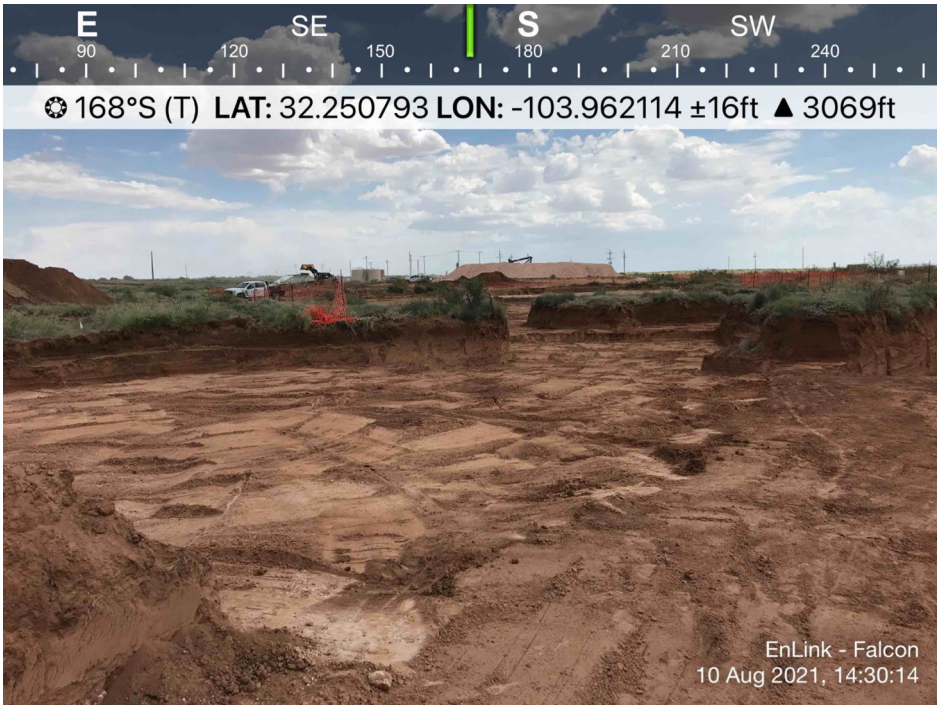


View of Remediation Activities – View West

EnLink Midstream
Falcon CDP Release
Eddy County, New Mexico



View of Remediation Activities – View East



View of Remediation Activities – View South

EnLink Midstream
Falcon CDP Release
Eddy County, New Mexico

TETRA TECH



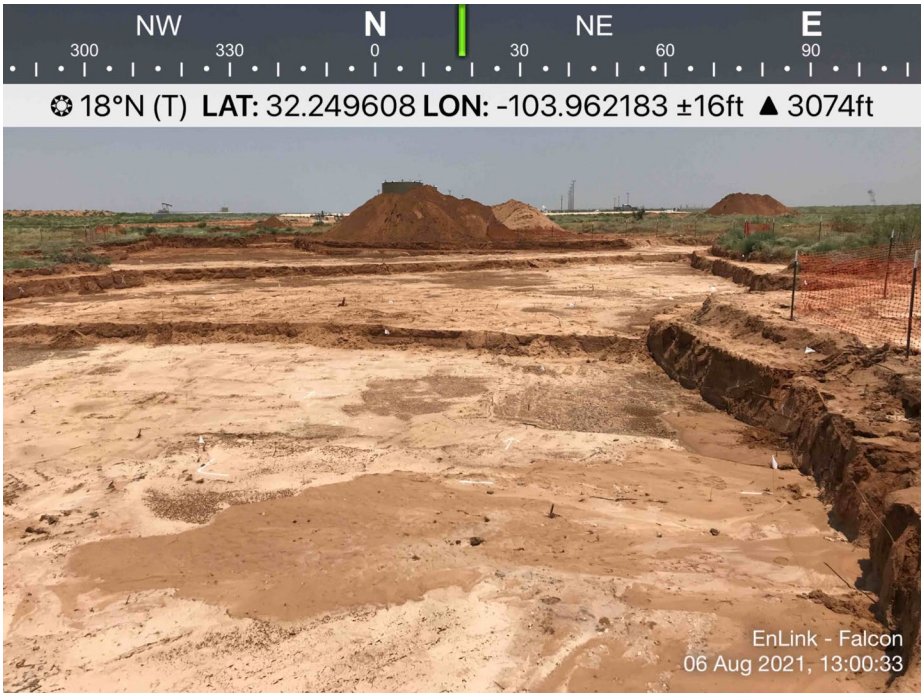
View of Remediation Activities – View Southwest



View of Remediation Activities – View Southeast

EnLink Midstream
Falcon CDP Release
Eddy County, New Mexico

TETRA TECH

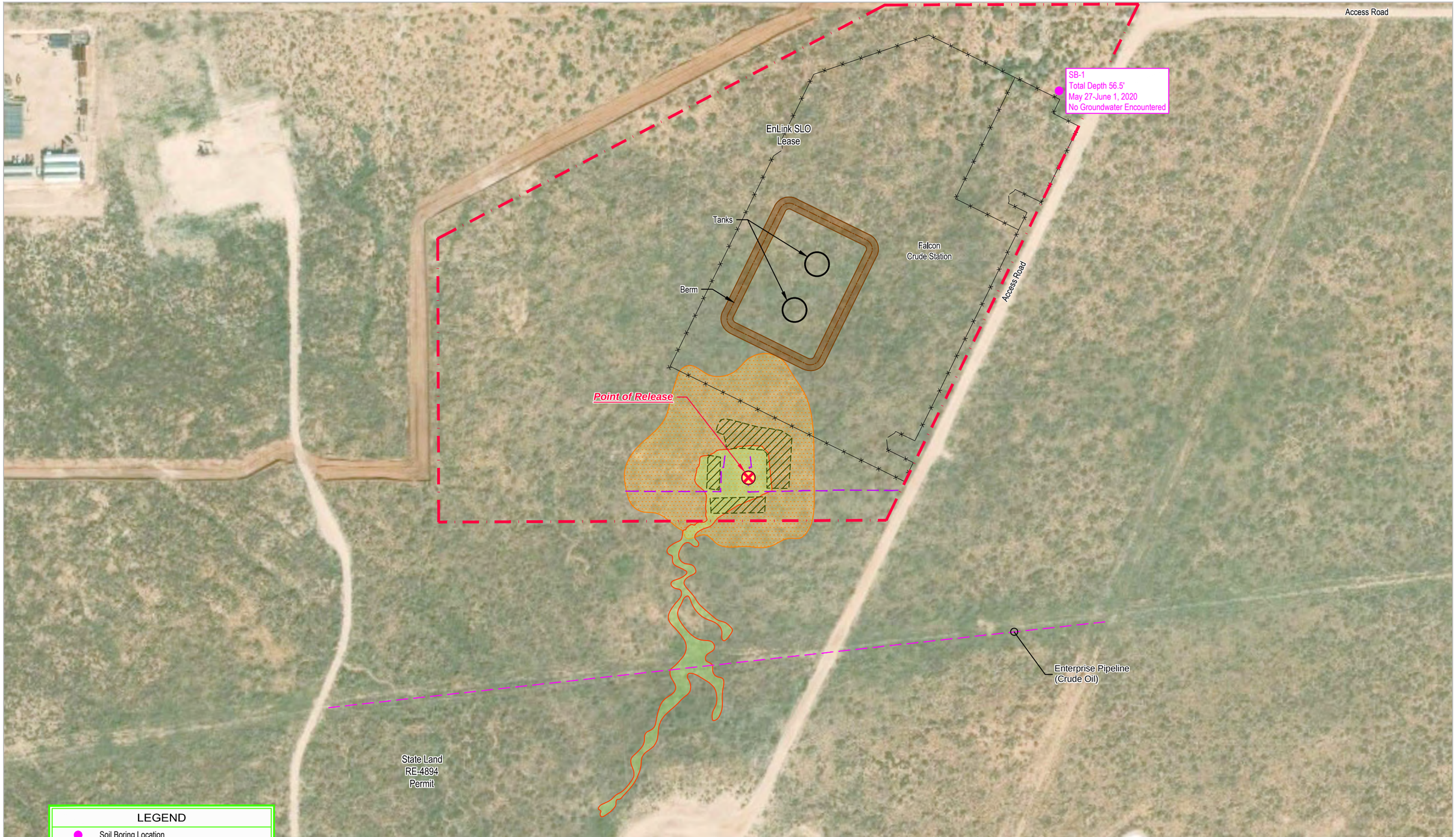


View of Remediation Activities – View North

TETRA TECH

Appendix A

Historical Assessment Data



ENLINK MIDSTREAM, LLC
EDDY COUNTY, NEW MEXICO
FALCON CDP FACILITY RELEASE

SITE DETAILS

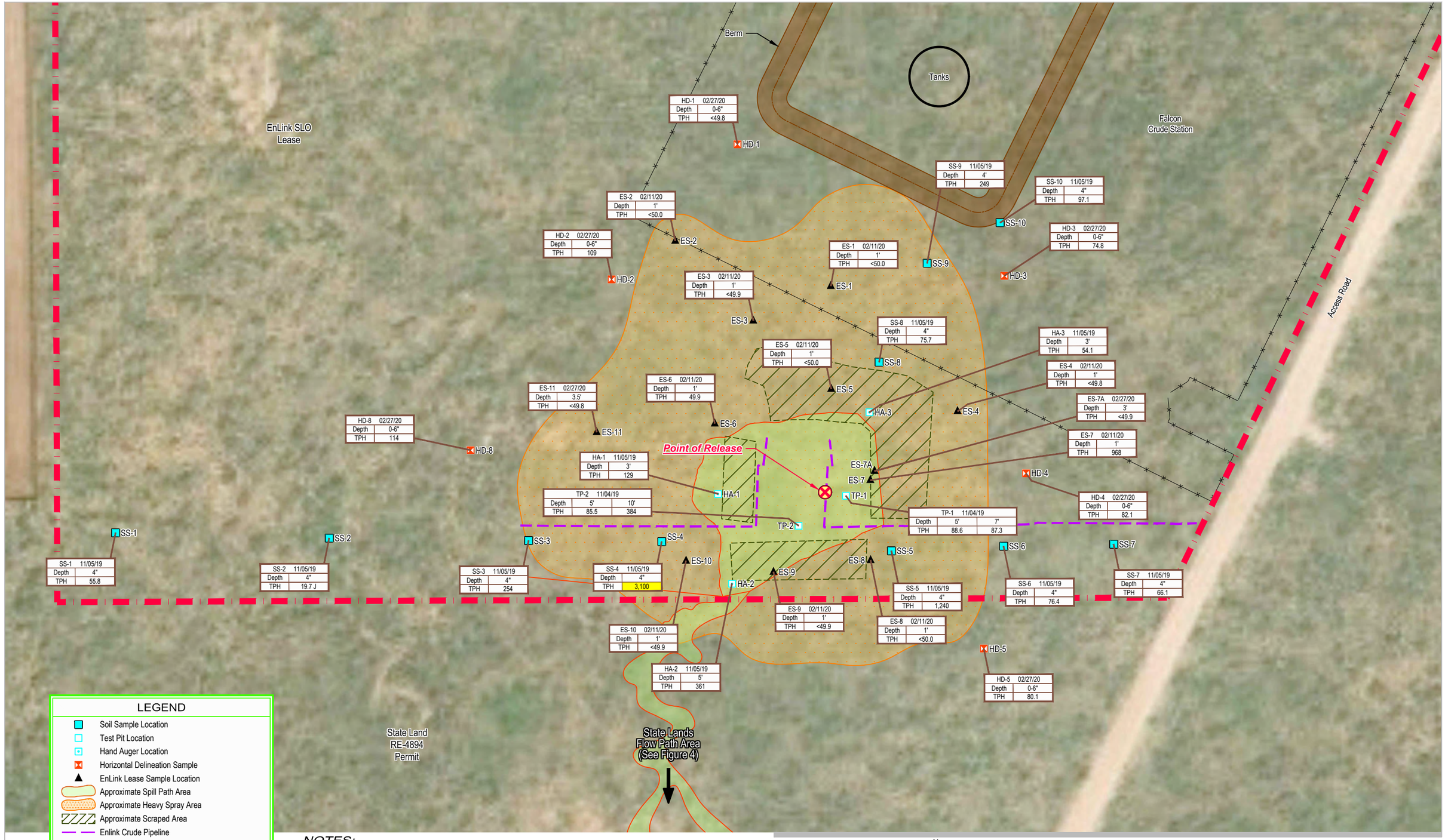
Project No. 11205561-00
Report No. 000
Date June 2020

FIGURE 2

Filename: \\ghdnetfpd1\US\Midland\Projects\55\11205561\Digital_Design\ACAD 2017\Figures\11205561-00\11205561-00(000)\11205561-00(000)GN-DL001.dwg

Data Source: Microsoft Product Screen shot(s) Reprinted with permission from Microsoft Corporation
Lat/Long: 32.2516° North, 103.9615° West

Released to Imaging: 1/6/2022 8:12:55 AM



LEGEND

- Soil Sample Location
- Test Pit Location
- Hand Auger Location
- Horizontal Delineation Sample
- EnLink Lease Sample Location
- Approximate Spill Path Area
- Approximate Heavy Spray Area
- Approximate Scraped Area
- Enlink Crude Pipeline
- Fence Line
- Approximate EnLink Site Boundary/Lease
- Depth — Depth of Sample (feet or inches)
- TPH — Total Petroleum Hydrocarbons Concentration (mg/kg)
- J — Indicates Estimated Concentration

NOTES:

1. Analytical results reported in milligrams per kilogram (mg/kg).
2. Full analytical Results summarized in Table 1.
3. Highlighted cells indicate exceedance above applicable Table 1 Closure Criteria.
4. Sample ID's abbreviated.

0 40 80 ft

Coordinate System: NAD 1983 (2011) StatePlane- New Mexico East (US Feet)

N

GHD

ENLINK MIDSTREAM, LLC
EDDY COUNTY, NEW MEXICO
FALCON CDP FACILITY RELEASE

ENLINK LEASED PROPERTY
SOIL ASSESSMENT MAP

Project No. **11205561-00**
Report No. **000**
Date **April 2020**

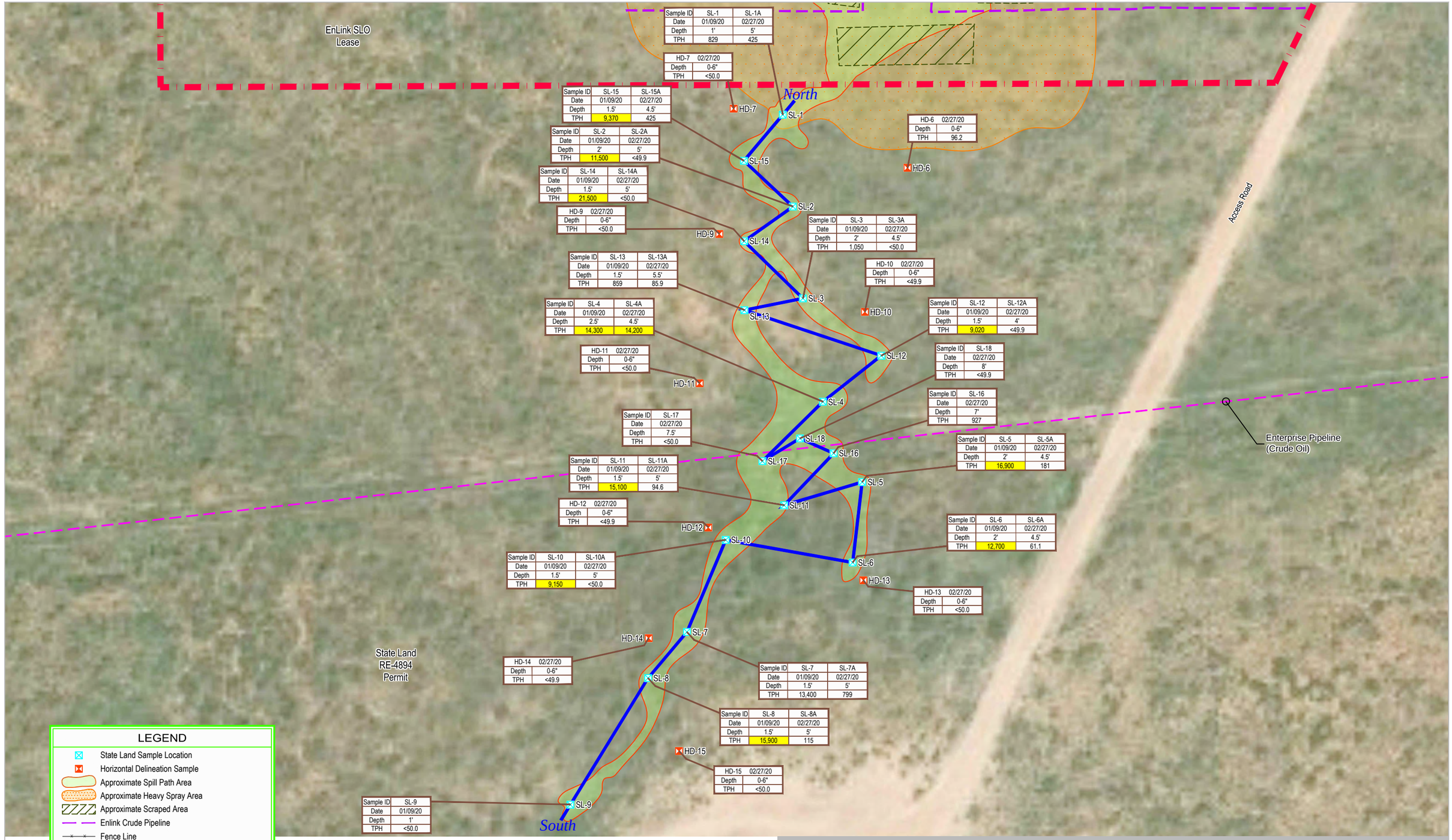
FIGURE 3

Filename: \\ghdnetghd\US\Midland\Projects\56\11205561\Digital_Design\ACAD 2017\Figures\11205561-00\11205561-00(000)\11205561-00(000)GN-DL001.dwg

Data Source: Microsoft Product Screen shot(s) Reprinted with permission from Microsoft Corporation

Lat/Long: 32.2516° North, 103.9615° West

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LEGEND

- State Land Sample Location
- Horizontal Delineation Sample
- Approximate Spill Path Area
- Approximate Heavy Spray Area
- Approximate Scraped Area
- Enlink Crude Pipeline
- Fence Line
- Approximate EnLink Site Boundary/Lease
- Cross Section Profile Provided in Figure 5
- Depth — Depth of Sample (feet or inches)
- TPH — Total Petroleum Hydrocarbons Concentration (mg/kg)
- J — Indicates Estimated Concentration

NOTES:

1. Analytical results reported in milligrams per kilogram (mg/kg).
2. Full analytical Results summarized in Table 1.
3. Highlighted cells indicate exceedance above applicable Table 1 Closure Criteria.
4. Sample ID's abbreviated.

0 40 80 ft

Coordinate System:
NAD 1983 (2011) StatePlane-
New Mexico East (US Feet)

N

GHD

ENLINK MIDSTREAM, LLC
EDDY COUNTY, NEW MEXICO
FALCON CDP FACILITY RELEASE

STATE LANDS PROPERTY
SOIL ASSESSMENT MAP

Project No. **11205561-00**
Report No. **000**
Date **April 2020**

FIGURE 4

Filename: \\ghdnetgha\US\Midland\Projects\55\11205561\Digital_Design\ACAD 2017\Figures\11205561-00\11205561-00(000)\11205561-00(000)GN-DL001.dwg

Data Source: Microsoft Product Screen shot(s) Reprinted with permission from Microsoft Corporation
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Released to Imaging: 1/6/2022 8:12:55 AM

Certificate of Analysis Summary 642191

GHD Services, INC- Midland, Midland, TX

Project Name: Enlink Falcon CDP

Project Id:

Contact: Tom Larson

Project Location: Lea

Date Received in Lab: Wed 11.06.2019 09:16

Report Date: 11.07.2019 15:19

Project Manager: Debbie Simmons

Analysis Requested													
	Lab Id:	642191-001		642191-002		642191-003		642191-004		642191-005		642191-006	
	Field Id:	SS-1-4"		SS-2-4"		SS-3-4"		SS-4-4"		SS-5-4"		SS-6-4"	
	Depth:	4- In		4- In		4- In		4- In		4- In		4- In	
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	11.05.2019 13:30		11.05.2019 13:35		11.05.2019 13:40		11.05.2019 13:45		11.05.2019 13:50		11.05.2019 13:55	
BTEX by EPA 8021B	***Extracted:***	11.06.2019 15:00		11.06.2019 15:00		11.06.2019 15:00		11.06.2019 15:00		11.06.2019 15:00		11.06.2019 15:00	
	Analyzed:	11.06.2019 17:37		11.06.2019 17:56		11.06.2019 18:15		11.06.2019 18:35		11.06.2019 18:54		11.06.2019 19:13	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		<0.000498	0.000996	<0.000502	0.00100	<0.000505	0.00101	<0.0100	0.0200	<0.0104	0.0208	<0.000499	0.000998
Toluene		<0.000498	0.000996	0.000673 J	0.00100	0.000707 J	0.00101	0.154	0.0200	0.219	0.0208	<0.000499	0.000998
Ethylbenzene		0.000966 J	0.000996	0.00369	0.00100	0.00330	0.00101	0.0572	0.0200	0.0219	0.0208	<0.000499	0.000998
m,p-Xylenes		0.00680	0.00199	0.00321	0.00201	0.00287	0.00202	0.0498	0.0400	0.113	0.0417	0.00111 J	0.00200
o-Xylene		0.00288	0.000996	0.00106	0.00100	0.000859 J	0.00101	0.0206	0.0200	0.515	0.0208	0.0148	0.000998
Total Xylenes		0.00968	0.000996	0.00427	0.00100	0.00373	0.00101	0.0704	0.0200	0.628	0.0208	0.0159	0.000998
Total BTEX		0.0106	0.000996	0.00863	0.00100	0.00774	0.00101	0.282	0.0200	0.869	0.0208	0.0159	0.000998
TPH By SW8015 Mod	***Extracted:***	11.06.2019 11:00		11.06.2019 12:00		11.06.2019 12:00		11.06.2019 12:00		11.06.2019 12:00		11.06.2019 12:00	
	Analyzed:	11.06.2019 11:57		11.06.2019 12:57		11.06.2019 13:16		11.06.2019 13:36		11.06.2019 13:56		11.07.2019 00:27	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		15.9 J	50.2	<13.8	49.8	16.7 J	50.0	22.5 J	50.3	36.5 J	50.3	19.0 J	50.2
Diesel Range Organics (DRO)		18.1 J	50.2	<11.4	49.8	215	50.0	2840	50.3	1110	50.3	38.2 J	50.2
Motor Oil Range Hydrocarbons (MRO)		21.8 J	50.2	19.7 J	49.8	21.9 J	50.0	235	50.3	92.5	50.3	19.2 J	50.2
Total TPH		55.8	50.2	19.7 J	49.8	254	50.0	3100	50.3	1240	50.3	76.4	50.2

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use.
The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories.
XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented.
Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

Debbie Simmons
Project Manager

Certificate of Analysis Summary 642191

GHD Services, INC- Midland, Midland, TX

Project Name: Enlink Falcon CDP

Project Id:

Contact: Tom Larson

Project Location: Lea

Date Received in Lab: Wed 11.06.2019 09:16

Report Date: 11.07.2019 15:19

Project Manager: Debbie Simmons

Analysis Requested		642191-007		642191-008		642191-009		642191-010		642191-011		642191-012	
	Field Id:	SS-7-4"		SS-8-4"		SS-9-4"		SS-10-4"		TP-1-5'		TP-1-7'	
	Depth:	4- In		4- In		4- In		4- In		5- ft		7- ft	
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	11.05.2019 14:00		11.05.2019 14:15		11.05.2019 14:20		11.05.2019 14:28		11.04.2019 14:20		11.04.2019 14:25	
BTEX by EPA 8021B	*Extracted:*	11.06.2019 15:00		11.06.2019 15:00		11.06.2019 15:00		11.06.2019 15:00		11.06.2019 09:40		11.06.2019 09:40	
	Analyzed:	11.06.2019 19:32		11.06.2019 19:51		11.06.2019 20:10		11.06.2019 20:29		11.06.2019 14:18		11.06.2019 14:38	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		<0.000498	0.000996	<0.000501	0.00100	<0.000499	0.000998	<0.000503	0.00101	<0.000504	0.00101	<0.000502	0.00100
Toluene		<0.000498	0.000996	<0.000501	0.00100	<0.000499	0.000998	0.00210	0.00101	0.000806 J	0.00101	<0.000502	0.00100
Ethylbenzene		<0.000498	0.000996	0.000631 J	0.00100	0.000539 J	0.000998	<0.000503	0.00101	0.00244	0.00101	<0.000502	0.00100
m,p-Xylenes		<0.000996	0.00199	<0.00100	0.00200	<0.000998	0.00200	<0.00101	0.00201	0.00209	0.00202	<0.00100	0.00201
o-Xylene		<0.000498	0.000996	<0.000501	0.00100	<0.000499	0.000998	<0.000503	0.00101	0.00103	0.00101	<0.000502	0.00100
Total Xylenes		<0.000498	0.000996	<0.000501	0.00100	<0.000499	0.000998	<0.000503	0.00101	0.00312	0.00101	<0.000502	0.00100
Total BTEX		<0.000498	0.000996	0.000631 J	0.00100	0.000539 J	0.000998	0.00210	0.00101	0.00637	0.00101	<0.000502	0.00100
TPH By SW8015 Mod	*Extracted:*	11.06.2019 12:00		11.06.2019 12:00		11.06.2019 12:00		11.06.2019 12:00		11.06.2019 16:00		11.06.2019 16:00	
	Analyzed:	11.06.2019 15:09		11.06.2019 15:29		11.06.2019 15:49		11.06.2019 16:09		11.06.2019 16:50		11.06.2019 17:10	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		15.4 J	50.3	16.0 J	50.3	15.0 J	50.3	15.8 J	50.2	18.2 J	50.3	18.0 J	49.8
Diesel Range Organics (DRO)		15.1 J	50.3	18.1 J	50.3	208	50.3	49.0 J	50.2	41.3 J	50.3	38.0 J	49.8
Motor Oil Range Hydrocarbons (MRO)		35.6 J	50.3	41.6 J	50.3	26.4 J	50.3	32.3 J	50.2	29.1 J	50.3	31.3 J	49.8
Total TPH		66.1	50.3	75.7	50.3	249	50.3	97.1	50.2	88.6	50.3	87.3	49.8

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use.
The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories.
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Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

Debbie Simmons
Project Manager

Certificate of Analysis Summary 642191

GHD Services, INC- Midland, Midland, TX

Project Name: Enlink Falcon CDP

Project Id:

Contact: Tom Larson

Project Location: Lea

Date Received in Lab: Wed 11.06.2019 09:16

Report Date: 11.07.2019 15:19

Project Manager: Debbie Simmons

Analysis Requested																	
	Lab Id:	642191-013		642191-014		642191-015		642191-016		642191-017							
	Field Id:	TP-2-5'		TP-2-10'		HA-1-3'		HA-2-5'		HA-3-3'							
	Depth:	5- ft		10- ft		3- ft		5- ft		3- ft							
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL							
	Sampled:	11.04.2019 14:57		11.04.2019 15:20		11.05.2019 15:00		11.05.2019 14:48		11.05.2019 14:40							
BTEX by EPA 8021B	***Extracted:***	11.06.2019 09:40		11.06.2019 09:40		11.06.2019 09:40		11.06.2019 09:40		11.06.2019 09:40							
	Analyzed:	11.06.2019 14:59		11.06.2019 15:19		11.06.2019 15:39		11.06.2019 16:00		11.06.2019 13:57							
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL						
Benzene		<0.000497	0.000994	<0.000499	0.000998	<0.000503	0.00101	<0.000498	0.000996	<0.000500	0.00100						
Toluene		<0.000497	0.000994	0.00119	0.000998	<0.000503	0.00101	0.00195	0.000996	<0.000500	0.00100						
Ethylbenzene		<0.000497	0.000994	0.00302	0.000998	0.0520	0.00101	0.0114	0.000996	<0.000500	0.00100						
m,p-Xylenes		<0.000994	0.00199	0.0107	0.00200	0.0358	0.00201	0.0297	0.00199	<0.00100	0.00200						
o-Xylene		<0.000497	0.000994	0.00854	0.000998	0.00900	0.00101	0.00964	0.000996	<0.000500	0.00100						
Total Xylenes		<0.000497	0.000994	0.0192	0.000998	0.0448	0.00101	0.0393	0.000996	<0.000500	0.00100						
Total BTEX		<0.000497	0.000994	0.0235	0.000998	0.0968	0.00101	0.0527	0.000996	<0.000500	0.00100						
TPH By SW8015 Mod	***Extracted:***	11.06.2019 16:00		11.06.2019 16:00		11.06.2019 16:00		11.06.2019 16:00		11.06.2019 16:00							
	Analyzed:	11.06.2019 17:32		11.06.2019 17:52		11.06.2019 18:11		11.06.2019 18:31		11.06.2019 18:51							
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL						
Gasoline Range Hydrocarbons (GRO)		18.2 J	50.1	17.2 J	50.0	14.2 J	50.2	20.1 J	50.1	15.0 J	50.1						
Diesel Range Organics (DRO)		37.6 J	50.1	339	50.0	88.4	50.2	318	50.1	12.0 J	50.1						
Motor Oil Range Hydrocarbons (MRO)		29.7 J	50.1	28.0 J	50.0	26.2 J	50.2	22.7 J	50.1	27.1 J	50.1						
Total TPH		85.5	50.1	384	50.0	129	50.2	361	50.1	54.1	50.1						

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Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

Debbie Simmons
Project Manager

Analytical Report 642191

for

GHD Services, INC- Midland

Project Manager: Tom Larson

Enlink Falcon CDP

11.07.2019

Collected By: Client

1089 N Canal Street
Carlsbad, NM 88220

Xenco-Houston (EPA Lab Code: TX00122):
Texas (T104704215-19-30), Arizona (AZ0765), Florida (E871002-24), Louisiana (03054)
Oklahoma (2019-058), North Carolina (681), Arkansas (19-037-0)

Xenco-Dallas (EPA Lab Code: TX01468):
Texas (TX104704295-19-22), Arizona (AZ0809), Arkansas (17-063-0)

Xenco-El Paso (EPA Lab Code: TX00127): Texas (T104704221-19-16)
Xenco-Lubbock (EPA Lab Code: TX00139): Texas (T104704219-19-21)
Xenco-Midland (EPA Lab Code: TX00158): Texas (T104704400-19-19)
Xenco-Carlsbad (LELAP): Louisiana (05092)
Xenco-San Antonio (EPA Lab Code: TNI02385): Texas (T104704534-19-5)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona (AZ0757)
Xenco-Tampa: Florida (E87429), North Carolina (483)

11.07.2019

Project Manager: **Tom Larson**
GHD Services, INC- Midland
2135 S Loop 250 W
Midland, TX 79703

Reference: XENCO Report No(s): **642191**
Enlink Falcon CDP
Project Address: Lea

Tom Larson:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 642191. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 642191 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Debbie Simmons

Debbie Simmons
Project Manager

A Small Business and Minority Company

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

Sample Cross Reference 642191

GHD Services, INC- Midland, Midland, TX

Enlink Falcon CDP

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
SS-1-4"	S	11.05.2019 13:30	4 In	642191-001
SS-2-4"	S	11.05.2019 13:35	4 In	642191-002
SS-3-4"	S	11.05.2019 13:40	4 In	642191-003
SS-4-4"	S	11.05.2019 13:45	4 In	642191-004
SS-5-4"	S	11.05.2019 13:50	4 In	642191-005
SS-6-4"	S	11.05.2019 13:55	4 In	642191-006
SS-7-4"	S	11.05.2019 14:00	4 In	642191-007
SS-8-4"	S	11.05.2019 14:15	4 In	642191-008
SS-9-4"	S	11.05.2019 14:20	4 In	642191-009
SS-10-4"	S	11.05.2019 14:28	4 In	642191-010
TP-1-5'	S	11.04.2019 14:20	5 ft	642191-011
TP-1-7'	S	11.04.2019 14:25	7 ft	642191-012
TP-2-5'	S	11.04.2019 14:57	5 ft	642191-013
TP-2-10'	S	11.04.2019 15:20	10 ft	642191-014
HA-1-3'	S	11.05.2019 15:00	3 ft	642191-015
HA-2-5'	S	11.05.2019 14:48	5 ft	642191-016
HA-3-3'	S	11.05.2019 14:40	3 ft	642191-017

CASE NARRATIVE

Client Name: GHD Services, INC- Midland

Project Name: Enlink Falcon CDP

Project ID:
Work Order Number(s): *642191*

Report Date: *11.07.2019*
Date Received: *11.06.2019*

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-3106687 BTEX by EPA 8021B
Soil samples were not received in Terracore kits and therefore were prepared by method 5030.

Batch: LBA-3106690 BTEX by EPA 8021B
Soil samples were not received in Terracore kits and therefore were prepared by method 5030.

Certificate of Analytical Results 642191

GHD Services, INC- Midland, Midland, TX

Enlink Falcon CDP

Sample Id: **SS-1-4"** Matrix: Soil Date Received:11.06.2019 09:16

Lab Sample Id: 642191-001 Date Collected: 11.05.2019 13:30 Sample Depth: 4 In

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DTH % Moisture:

Analyst: DTH Date Prep: 11.06.2019 11:00 Basis: Wet Weight

Seq Number: 3106741

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**15.9**	50.2	13.9	mg/kg	11.06.2019 11:57	J	1
Diesel Range Organics (DRO)	C10C28DRO	**18.1**	50.2	11.5	mg/kg	11.06.2019 11:57	J	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**21.8**	50.2	11.5	mg/kg	11.06.2019 11:57	J	1
Total TPH	PHC635	**55.8**	50.2	11.5	mg/kg	11.06.2019 11:57		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	93	%	70-135	11.06.2019 11:57	
o-Terphenyl	84-15-1	101	%	70-135	11.06.2019 11:57	

Analytical Method: BTEX by EPA 8021B Prep Method: SW5030B

Tech: MAB % Moisture:

Analyst: MAB Date Prep: 11.06.2019 15:00 Basis: Wet Weight

Seq Number: 3106690

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.000498	0.000996	0.000498	mg/kg	11.06.2019 17:37	U	1
Toluene	108-88-3	<0.000498	0.000996	0.000498	mg/kg	11.06.2019 17:37	U	1
Ethylbenzene	100-41-4	**0.000966**	0.000996	0.000498	mg/kg	11.06.2019 17:37	J	1
m,p-Xylenes	179601-23-1	**0.00680**	0.00199	0.000996	mg/kg	11.06.2019 17:37		1
o-Xylene	95-47-6	**0.00288**	0.000996	0.000498	mg/kg	11.06.2019 17:37		1
Total Xylenes	1330-20-7	**0.00968**	0.000996	0.000498	mg/kg	11.06.2019 17:37		1
Total BTEX		**0.0106**	0.000996	0.000498	mg/kg	11.06.2019 17:37		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	101	%	70-130	11.06.2019 17:37	
4-Bromofluorobenzene	460-00-4	110	%	70-130	11.06.2019 17:37	

Certificate of Analytical Results 642191

GHD Services, INC- Midland, Midland, TX

Enlink Falcon CDP

Sample Id: **SS-2-4"** Matrix: Soil Date Received:11.06.2019 09:16

Lab Sample Id: 642191-002 Date Collected: 11.05.2019 13:35 Sample Depth: 4 In

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DTH % Moisture:

Analyst: DTH Date Prep: 11.06.2019 12:00 Basis: Wet Weight

Seq Number: 3106741

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<13.8	49.8	13.8	mg/kg	11.06.2019 12:57	U	1
Diesel Range Organics (DRO)	C10C28DRO	<11.4	49.8	11.4	mg/kg	11.06.2019 12:57	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**19.7**	49.8	11.4	mg/kg	11.06.2019 12:57	J	1
Total TPH	PHC635	**19.7**	49.8	11.4	mg/kg	11.06.2019 12:57	J	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	90	%	70-135	11.06.2019 12:57	
o-Terphenyl	84-15-1	97	%	70-135	11.06.2019 12:57	

Analytical Method: BTEX by EPA 8021B Prep Method: SW5030B

Tech: MAB % Moisture:

Analyst: MAB Date Prep: 11.06.2019 15:00 Basis: Wet Weight

Seq Number: 3106690

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.000502	0.00100	0.000502	mg/kg	11.06.2019 17:56	U	1
Toluene	108-88-3	**0.000673**	0.00100	0.000502	mg/kg	11.06.2019 17:56	J	1
Ethylbenzene	100-41-4	**0.00369**	0.00100	0.000502	mg/kg	11.06.2019 17:56		1
m,p-Xylenes	179601-23-1	**0.00321**	0.00201	0.00100	mg/kg	11.06.2019 17:56		1
o-Xylene	95-47-6	**0.00106**	0.00100	0.000502	mg/kg	11.06.2019 17:56		1
Total Xylenes	1330-20-7	**0.00427**	0.00100	0.000502	mg/kg	11.06.2019 17:56		1
Total BTEX		**0.00863**	0.00100	0.000502	mg/kg	11.06.2019 17:56		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	119	%	70-130	11.06.2019 17:56	
1,4-Difluorobenzene	540-36-3	104	%	70-130	11.06.2019 17:56	

Certificate of Analytical Results 642191

GHD Services, INC- Midland, Midland, TX

Enlink Falcon CDP

Sample Id:	**SS-3-4"**	Matrix:	Soil	Date Received:	11.06.2019 09:16
Lab Sample Id:	642191-003	Date Collected:	11.05.2019 13:40	Sample Depth:	4 In

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DTH			% Moisture:	
Analyst:	DTH	Date Prep:	11.06.2019 12:00	Basis:	Wet Weight
Seq Number:	3106741				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**16.7**	50.0	13.9	mg/kg	11.06.2019 13:16	J	1
Diesel Range Organics (DRO)	C10C28DRO	**215**	50.0	11.5	mg/kg	11.06.2019 13:16		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**21.9**	50.0	11.4	mg/kg	11.06.2019 13:16	J	1
Total TPH	PHC635	**254**	50.0	11.4	mg/kg	11.06.2019 13:16		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	75	%	70-135	11.06.2019 13:16	
o-Terphenyl	84-15-1	81	%	70-135	11.06.2019 13:16	

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MAB			% Moisture:	
Analyst:	MAB	Date Prep:	11.06.2019 15:00	Basis:	Wet Weight
Seq Number:	3106690				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.000505	0.00101	0.000505	mg/kg	11.06.2019 18:15	U	1
Toluene	108-88-3	**0.000707**	0.00101	0.000505	mg/kg	11.06.2019 18:15	J	1
Ethylbenzene	100-41-4	**0.00330**	0.00101	0.000505	mg/kg	11.06.2019 18:15		1
m,p-Xylenes	179601-23-1	**0.00287**	0.00202	0.00101	mg/kg	11.06.2019 18:15		1
o-Xylene	95-47-6	**0.000859**	0.00101	0.000505	mg/kg	11.06.2019 18:15	J	1
Total Xylenes	1330-20-7	**0.00373**	0.00101	0.000505	mg/kg	11.06.2019 18:15		1
Total BTEX		**0.00774**	0.00101	0.000505	mg/kg	11.06.2019 18:15		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	121	%	70-130	11.06.2019 18:15	
1,4-Difluorobenzene	540-36-3	103	%	70-130	11.06.2019 18:15	

Certificate of Analytical Results 642191

GHD Services, INC- Midland, Midland, TX

Enlink Falcon CDP

Sample Id:	**SS-4-4"**	Matrix:	Soil	Date Received:	11.06.2019 09:16
Lab Sample Id:	642191-004	Date Collected:	11.05.2019 13:45	Sample Depth:	4 In

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DTH			% Moisture:	
Analyst:	DTH	Date Prep:	11.06.2019 12:00	Basis:	Wet Weight
Seq Number:	3106741				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**22.5**	50.3	14.0	mg/kg	11.06.2019 13:36	J	1
Diesel Range Organics (DRO)	C10C28DRO	**2840**	50.3	11.5	mg/kg	11.06.2019 13:36		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**235**	50.3	11.5	mg/kg	11.06.2019 13:36		1
Total TPH	PHC635	**3100**	50.3	11.5	mg/kg	11.06.2019 13:36		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	87	%	70-135	11.06.2019 13:36	
o-Terphenyl	84-15-1	114	%	70-135	11.06.2019 13:36	

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MAB			% Moisture:	
Analyst:	MAB	Date Prep:	11.06.2019 15:00	Basis:	Wet Weight
Seq Number:	3106690				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.0100	0.0200	0.0100	mg/kg	11.06.2019 18:35	U	1
Toluene	108-88-3	**0.154**	0.0200	0.0100	mg/kg	11.06.2019 18:35		1
Ethylbenzene	100-41-4	**0.0572**	0.0200	0.0100	mg/kg	11.06.2019 18:35		1
m,p-Xylenes	179601-23-1	**0.0498**	0.0400	0.0200	mg/kg	11.06.2019 18:35		1
o-Xylene	95-47-6	**0.0206**	0.0200	0.0100	mg/kg	11.06.2019 18:35		1
Total Xylenes	1330-20-7	**0.0704**	0.0200	0.0100	mg/kg	11.06.2019 18:35		1
Total BTEX		**0.282**	0.0200	0.0100	mg/kg	11.06.2019 18:35		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	113	%	70-130	11.06.2019 18:35	
1,4-Difluorobenzene	540-36-3	102	%	70-130	11.06.2019 18:35	

Certificate of Analytical Results 642191

GHD Services, INC- Midland, Midland, TX

Enlink Falcon CDP

Sample Id:	**SS-5-4"**	Matrix:	Soil	Date Received:	11.06.2019 09:16
Lab Sample Id:	642191-005	Date Collected:	11.05.2019 13:50	Sample Depth:	4 In

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DTH			% Moisture:	
Analyst:	DTH	Date Prep:	11.06.2019 12:00	Basis:	Wet Weight
Seq Number:	3106741				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**36.5**	50.3	14.0	mg/kg	11.06.2019 13:56	J	1
Diesel Range Organics (DRO)	C10C28DRO	**1110**	50.3	11.5	mg/kg	11.06.2019 13:56		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**92.5**	50.3	11.5	mg/kg	11.06.2019 13:56		1
Total TPH	PHC635	**1240**	50.3	11.5	mg/kg	11.06.2019 13:56		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	89	%	70-135	11.06.2019 13:56	
o-Terphenyl	84-15-1	95	%	70-135	11.06.2019 13:56	

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MAB			% Moisture:	
Analyst:	MAB	Date Prep:	11.06.2019 15:00	Basis:	Wet Weight
Seq Number:	3106690				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.0104	0.0208	0.0104	mg/kg	11.06.2019 18:54	U	1
Toluene	108-88-3	**0.219**	0.0208	0.0104	mg/kg	11.06.2019 18:54		1
Ethylbenzene	100-41-4	**0.0219**	0.0208	0.0104	mg/kg	11.06.2019 18:54		1
m,p-Xylenes	179601-23-1	**0.113**	0.0417	0.0208	mg/kg	11.06.2019 18:54		1
o-Xylene	95-47-6	**0.515**	0.0208	0.0104	mg/kg	11.06.2019 18:54		1
Total Xylenes	1330-20-7	**0.628**	0.0208	0.0104	mg/kg	11.06.2019 18:54		1
Total BTEX		**0.869**	0.0208	0.0104	mg/kg	11.06.2019 18:54		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	101	%	70-130	11.06.2019 18:54	
4-Bromofluorobenzene	460-00-4	116	%	70-130	11.06.2019 18:54	

Certificate of Analytical Results 642191

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Sample Id: **SS-6-4"** Matrix: Soil Date Received:11.06.2019 09:16

Lab Sample Id: 642191-006 Date Collected: 11.05.2019 13:55 Sample Depth: 4 In

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DTH % Moisture:

Analyst: DTH Date Prep: 11.06.2019 12:00 Basis: Wet Weight

Seq Number: 3106741

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**19.0**	50.2	13.9	mg/kg	11.07.2019 00:27	J	1
Diesel Range Organics (DRO)	C10C28DRO	**38.2**	50.2	11.5	mg/kg	11.07.2019 00:27	J	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**19.2**	50.2	11.5	mg/kg	11.07.2019 00:27	J	1
Total TPH	PHC635	**76.4**	50.2	11.5	mg/kg	11.07.2019 00:27		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	93	%	70-135	11.07.2019 00:27	
o-Terphenyl	84-15-1	101	%	70-135	11.07.2019 00:27	

Analytical Method: BTEX by EPA 8021B Prep Method: SW5030B

Tech: MAB % Moisture:

Analyst: MAB Date Prep: 11.06.2019 15:00 Basis: Wet Weight

Seq Number: 3106690

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.000499	0.000998	0.000499	mg/kg	11.06.2019 19:13	U	1
Toluene	108-88-3	<0.000499	0.000998	0.000499	mg/kg	11.06.2019 19:13	U	1
Ethylbenzene	100-41-4	<0.000499	0.000998	0.000499	mg/kg	11.06.2019 19:13	U	1
m,p-Xylenes	179601-23-1	**0.00111**	0.00200	0.000998	mg/kg	11.06.2019 19:13	J	1
o-Xylene	95-47-6	**0.0148**	0.000998	0.000499	mg/kg	11.06.2019 19:13		1
Total Xylenes	1330-20-7	**0.0159**	0.000998	0.000499	mg/kg	11.06.2019 19:13		1
Total BTEX		**0.0159**	0.000998	0.000499	mg/kg	11.06.2019 19:13		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	123	%	70-130	11.06.2019 19:13	
1,4-Difluorobenzene	540-36-3	105	%	70-130	11.06.2019 19:13	

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Sample Id: **SS-7-4"** Matrix: Soil Date Received:11.06.2019 09:16

Lab Sample Id: 642191-007 Date Collected: 11.05.2019 14:00 Sample Depth: 4 In

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DTH % Moisture:

Analyst: DTH Date Prep: 11.06.2019 12:00 Basis: Wet Weight

Seq Number: 3106741

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**15.4**	50.3	14.0	mg/kg	11.06.2019 15:09	J	1
Diesel Range Organics (DRO)	C10C28DRO	**15.1**	50.3	11.5	mg/kg	11.06.2019 15:09	J	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**35.6**	50.3	11.5	mg/kg	11.06.2019 15:09	J	1
Total TPH	PHC635	**66.1**	50.3	11.5	mg/kg	11.06.2019 15:09		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	92	%	70-135	11.06.2019 15:09	
o-Terphenyl	84-15-1	105	%	70-135	11.06.2019 15:09	

Analytical Method: BTEX by EPA 8021B Prep Method: SW5030B

Tech: MAB % Moisture:

Analyst: MAB Date Prep: 11.06.2019 15:00 Basis: Wet Weight

Seq Number: 3106690

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.000498	0.000996	0.000498	mg/kg	11.06.2019 19:32	U	1
Toluene	108-88-3	<0.000498	0.000996	0.000498	mg/kg	11.06.2019 19:32	U	1
Ethylbenzene	100-41-4	<0.000498	0.000996	0.000498	mg/kg	11.06.2019 19:32	U	1
m,p-Xylenes	179601-23-1	<0.000996	0.00199	0.000996	mg/kg	11.06.2019 19:32	U	1
o-Xylene	95-47-6	<0.000498	0.000996	0.000498	mg/kg	11.06.2019 19:32	U	1
Total Xylenes	1330-20-7	<0.000498	0.000996	0.000498	mg/kg	11.06.2019 19:32	U	1
Total BTEX		<0.000498	0.000996	0.000498	mg/kg	11.06.2019 19:32	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	103	%	70-130	11.06.2019 19:32	
4-Bromofluorobenzene	460-00-4	119	%	70-130	11.06.2019 19:32	

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Sample Id: **SS-8-4"** Matrix: Soil Date Received:11.06.2019 09:16

Lab Sample Id: 642191-008 Date Collected: 11.05.2019 14:15 Sample Depth: 4 In

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DTH % Moisture:

Analyst: DTH Date Prep: 11.06.2019 12:00 Basis: Wet Weight

Seq Number: 3106741

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**16.0**	50.3	14.0	mg/kg	11.06.2019 15:29	J	1
Diesel Range Organics (DRO)	C10C28DRO	**18.1**	50.3	11.5	mg/kg	11.06.2019 15:29	J	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**41.6**	50.3	11.5	mg/kg	11.06.2019 15:29	J	1
Total TPH	PHC635	**75.7**	50.3	11.5	mg/kg	11.06.2019 15:29		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	86	%	70-135	11.06.2019 15:29	
o-Terphenyl	84-15-1	97	%	70-135	11.06.2019 15:29	

Analytical Method: BTEX by EPA 8021B Prep Method: SW5030B

Tech: MAB % Moisture:

Analyst: MAB Date Prep: 11.06.2019 15:00 Basis: Wet Weight

Seq Number: 3106690

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.000501	0.00100	0.000501	mg/kg	11.06.2019 19:51	U	1
Toluene	108-88-3	<0.000501	0.00100	0.000501	mg/kg	11.06.2019 19:51	U	1
Ethylbenzene	100-41-4	**0.000631**	0.00100	0.000501	mg/kg	11.06.2019 19:51	J	1
m,p-Xylenes	179601-23-1	<0.00100	0.00200	0.00100	mg/kg	11.06.2019 19:51	U	1
o-Xylene	95-47-6	<0.000501	0.00100	0.000501	mg/kg	11.06.2019 19:51	U	1
Total Xylenes	1330-20-7	<0.000501	0.00100	0.000501	mg/kg	11.06.2019 19:51	U	1
Total BTEX		**0.000631**	0.00100	0.000501	mg/kg	11.06.2019 19:51	J	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	103	%	70-130	11.06.2019 19:51	
4-Bromofluorobenzene	460-00-4	121	%	70-130	11.06.2019 19:51	

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Sample Id:	**SS-9-4"**	Matrix:	Soil	Date Received:	11.06.2019 09:16
Lab Sample Id:	642191-009	Date Collected:	11.05.2019 14:20	Sample Depth:	4 In

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DTH			% Moisture:	
Analyst:	DTH	Date Prep:	11.06.2019 12:00	Basis:	Wet Weight
Seq Number:	3106741				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**15.0**	50.3	14.0	mg/kg	11.06.2019 15:49	J	1
Diesel Range Organics (DRO)	C10C28DRO	**208**	50.3	11.5	mg/kg	11.06.2019 15:49		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**26.4**	50.3	11.5	mg/kg	11.06.2019 15:49	J	1
Total TPH	PHC635	**249**	50.3	11.5	mg/kg	11.06.2019 15:49		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	87	%	70-135	11.06.2019 15:49	
o-Terphenyl	84-15-1	100	%	70-135	11.06.2019 15:49	

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MAB			% Moisture:	
Analyst:	MAB	Date Prep:	11.06.2019 15:00	Basis:	Wet Weight
Seq Number:	3106690				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.000499	0.000998	0.000499	mg/kg	11.06.2019 20:10	U	1
Toluene	108-88-3	<0.000499	0.000998	0.000499	mg/kg	11.06.2019 20:10	U	1
Ethylbenzene	100-41-4	**0.000539**	0.000998	0.000499	mg/kg	11.06.2019 20:10	J	1
m,p-Xylenes	179601-23-1	<0.000998	0.00200	0.000998	mg/kg	11.06.2019 20:10	U	1
o-Xylene	95-47-6	<0.000499	0.000998	0.000499	mg/kg	11.06.2019 20:10	U	1
Total Xylenes	1330-20-7	<0.000499	0.000998	0.000499	mg/kg	11.06.2019 20:10	U	1
Total BTEX		**0.000539**	0.000998	0.000499	mg/kg	11.06.2019 20:10	J	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	102	%	70-130	11.06.2019 20:10	
4-Bromofluorobenzene	460-00-4	118	%	70-130	11.06.2019 20:10	

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Enlink Falcon CDP

Sample Id:	**SS-10-4"**	Matrix:	Soil	Date Received:	11.06.2019 09:16
Lab Sample Id:	642191-010	Date Collected:	11.05.2019 14:28	Sample Depth:	4 In

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DTH			% Moisture:	
Analyst:	DTH	Date Prep:	11.06.2019 12:00	Basis:	Wet Weight
Seq Number:	3106741				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**15.8**	50.2	13.9	mg/kg	11.06.2019 16:09	J	1
Diesel Range Organics (DRO)	C10C28DRO	**49.0**	50.2	11.5	mg/kg	11.06.2019 16:09	J	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**32.3**	50.2	11.5	mg/kg	11.06.2019 16:09	J	1
Total TPH	PHC635	**97.1**	50.2	11.5	mg/kg	11.06.2019 16:09		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	94	%	70-135	11.06.2019 16:09	
o-Terphenyl	84-15-1	102	%	70-135	11.06.2019 16:09	

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MAB			% Moisture:	
Analyst:	MAB	Date Prep:	11.06.2019 15:00	Basis:	Wet Weight
Seq Number:	3106690				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.000503	0.00101	0.000503	mg/kg	11.06.2019 20:29	U	1
Toluene	108-88-3	**0.00210**	0.00101	0.000503	mg/kg	11.06.2019 20:29		1
Ethylbenzene	100-41-4	<0.000503	0.00101	0.000503	mg/kg	11.06.2019 20:29	U	1
m,p-Xylenes	179601-23-1	<0.00101	0.00201	0.00101	mg/kg	11.06.2019 20:29	U	1
o-Xylene	95-47-6	<0.000503	0.00101	0.000503	mg/kg	11.06.2019 20:29	U	1
Total Xylenes	1330-20-7	<0.000503	0.00101	0.000503	mg/kg	11.06.2019 20:29	U	1
Total BTEX		**0.00210**	0.00101	0.000503	mg/kg	11.06.2019 20:29		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	101	%	70-130	11.06.2019 20:29	
4-Bromofluorobenzene	460-00-4	117	%	70-130	11.06.2019 20:29	

Certificate of Analytical Results 642191

GHD Services, INC- Midland, Midland, TX

Enlink Falcon CDP

Sample Id:	**TP-1-5'**	Matrix:	Soil	Date Received:	11.06.2019 09:16
Lab Sample Id:	642191-011	Date Collected:	11.04.2019 14:20	Sample Depth:	5 ft

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DTH			% Moisture:	
Analyst:	DTH	Date Prep:	11.06.2019 16:00	Basis:	Wet Weight
Seq Number:	3106741				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**18.2**	50.3	14.0	mg/kg	11.06.2019 16:50	J	1
Diesel Range Organics (DRO)	C10C28DRO	**41.3**	50.3	11.5	mg/kg	11.06.2019 16:50	J	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**29.1**	50.3	11.5	mg/kg	11.06.2019 16:50	J	1
Total TPH	PHC635	**88.6**	50.3	11.5	mg/kg	11.06.2019 16:50		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	90	%	70-135	11.06.2019 16:50	
o-Terphenyl	84-15-1	98	%	70-135	11.06.2019 16:50	

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MAB			% Moisture:	
Analyst:	MAB	Date Prep:	11.06.2019 09:40	Basis:	Wet Weight
Seq Number:	3106687				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.000504	0.00101	0.000504	mg/kg	11.06.2019 14:18	U	1
Toluene	108-88-3	**0.000806**	0.00101	0.000504	mg/kg	11.06.2019 14:18	J	1
Ethylbenzene	100-41-4	**0.00244**	0.00101	0.000504	mg/kg	11.06.2019 14:18		1
m,p-Xylenes	179601-23-1	**0.00209**	0.00202	0.00101	mg/kg	11.06.2019 14:18		1
o-Xylene	95-47-6	**0.00103**	0.00101	0.000504	mg/kg	11.06.2019 14:18		1
Total Xylenes	1330-20-7	**0.00312**	0.00101	0.000504	mg/kg	11.06.2019 14:18		1
Total BTEX		**0.00637**	0.00101	0.000504	mg/kg	11.06.2019 14:18		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	98	%	70-130	11.06.2019 14:18	
4-Bromofluorobenzene	460-00-4	111	%	70-130	11.06.2019 14:18	

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GHD Services, INC- Midland, Midland, TX

Enlink Falcon CDP

Sample Id: **TP-1-7'** Matrix: Soil Date Received:11.06.2019 09:16

Lab Sample Id: 642191-012 Date Collected: 11.04.2019 14:25 Sample Depth: 7 ft

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DTH % Moisture:

Analyst: DTH Date Prep: 11.06.2019 16:00 Basis: Wet Weight

Seq Number: 3106741

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**18.0**	49.8	13.8	mg/kg	11.06.2019 17:10	J	1
Diesel Range Organics (DRO)	C10C28DRO	**38.0**	49.8	11.4	mg/kg	11.06.2019 17:10	J	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**31.3**	49.8	11.4	mg/kg	11.06.2019 17:10	J	1
Total TPH	PHC635	**87.3**	49.8	11.4	mg/kg	11.06.2019 17:10		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	100	%	70-135	11.06.2019 17:10	
o-Terphenyl	84-15-1	109	%	70-135	11.06.2019 17:10	

Analytical Method: BTEX by EPA 8021B Prep Method: SW5030B

Tech: MAB % Moisture:

Analyst: MAB Date Prep: 11.06.2019 09:40 Basis: Wet Weight

Seq Number: 3106687

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.000502	0.00100	0.000502	mg/kg	11.06.2019 14:38	U	1
Toluene	108-88-3	<0.000502	0.00100	0.000502	mg/kg	11.06.2019 14:38	U	1
Ethylbenzene	100-41-4	<0.000502	0.00100	0.000502	mg/kg	11.06.2019 14:38	U	1
m,p-Xylenes	179601-23-1	<0.00100	0.00201	0.00100	mg/kg	11.06.2019 14:38	U	1
o-Xylene	95-47-6	<0.000502	0.00100	0.000502	mg/kg	11.06.2019 14:38	U	1
Total Xylenes	1330-20-7	<0.000502	0.00100	0.000502	mg/kg	11.06.2019 14:38	U	1
Total BTEX		<0.000502	0.00100	0.000502	mg/kg	11.06.2019 14:38	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	100	%	70-130	11.06.2019 14:38	
4-Bromofluorobenzene	460-00-4	111	%	70-130	11.06.2019 14:38	

Certificate of Analytical Results 642191

GHD Services, INC- Midland, Midland, TX

Enlink Falcon CDP

Sample Id: **TP-2-5'** Matrix: Soil Date Received:11.06.2019 09:16

Lab Sample Id: 642191-013 Date Collected: 11.04.2019 14:57 Sample Depth: 5 ft

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DTH % Moisture:

Analyst: DTH Date Prep: 11.06.2019 16:00 Basis: Wet Weight

Seq Number: 3106741

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**18.2**	50.1	13.9	mg/kg	11.06.2019 17:32	J	1
Diesel Range Organics (DRO)	C10C28DRO	**37.6**	50.1	11.5	mg/kg	11.06.2019 17:32	J	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**29.7**	50.1	11.5	mg/kg	11.06.2019 17:32	J	1
Total TPH	PHC635	**85.5**	50.1	11.5	mg/kg	11.06.2019 17:32		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	99	%	70-135	11.06.2019 17:32	
o-Terphenyl	84-15-1	108	%	70-135	11.06.2019 17:32	

Analytical Method: BTEX by EPA 8021B Prep Method: SW5030B

Tech: MAB % Moisture:

Analyst: MAB Date Prep: 11.06.2019 09:40 Basis: Wet Weight

Seq Number: 3106687

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.000497	0.000994	0.000497	mg/kg	11.06.2019 14:59	U	1
Toluene	108-88-3	<0.000497	0.000994	0.000497	mg/kg	11.06.2019 14:59	U	1
Ethylbenzene	100-41-4	<0.000497	0.000994	0.000497	mg/kg	11.06.2019 14:59	U	1
m,p-Xylenes	179601-23-1	<0.000994	0.00199	0.000994	mg/kg	11.06.2019 14:59	U	1
o-Xylene	95-47-6	<0.000497	0.000994	0.000497	mg/kg	11.06.2019 14:59	U	1
Total Xylenes	1330-20-7	<0.000497	0.000994	0.000497	mg/kg	11.06.2019 14:59	U	1
Total BTEX		<0.000497	0.000994	0.000497	mg/kg	11.06.2019 14:59	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	99	%	70-130	11.06.2019 14:59	
4-Bromofluorobenzene	460-00-4	109	%	70-130	11.06.2019 14:59	

Certificate of Analytical Results 642191

GHD Services, INC- Midland, Midland, TX

Enlink Falcon CDP

Sample Id:	**TP-2-10'**	Matrix:	Soil	Date Received:	11.06.2019 09:16
Lab Sample Id:	642191-014	Date Collected:	11.04.2019 15:20	Sample Depth:	10 ft

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DTH			% Moisture:	
Analyst:	DTH	Date Prep:	11.06.2019 16:00	Basis:	Wet Weight
Seq Number:	3106741				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**17.2**	50.0	13.9	mg/kg	11.06.2019 17:52	J	1
Diesel Range Organics (DRO)	C10C28DRO	**339**	50.0	11.5	mg/kg	11.06.2019 17:52		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**28.0**	50.0	11.4	mg/kg	11.06.2019 17:52	J	1
Total TPH	PHC635	**384**	50.0	11.4	mg/kg	11.06.2019 17:52		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	78	%	70-135	11.06.2019 17:52	
o-Terphenyl	84-15-1	85	%	70-135	11.06.2019 17:52	

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MAB			% Moisture:	
Analyst:	MAB	Date Prep:	11.06.2019 09:40	Basis:	Wet Weight
Seq Number:	3106687				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.000499	0.000998	0.000499	mg/kg	11.06.2019 15:19	U	1
Toluene	108-88-3	**0.00119**	0.000998	0.000499	mg/kg	11.06.2019 15:19		1
Ethylbenzene	100-41-4	**0.00302**	0.000998	0.000499	mg/kg	11.06.2019 15:19		1
m,p-Xylenes	179601-23-1	**0.0107**	0.00200	0.000998	mg/kg	11.06.2019 15:19		1
o-Xylene	95-47-6	**0.00854**	0.000998	0.000499	mg/kg	11.06.2019 15:19		1
Total Xylenes	1330-20-7	**0.0192**	0.000998	0.000499	mg/kg	11.06.2019 15:19		1
Total BTEX		**0.0235**	0.000998	0.000499	mg/kg	11.06.2019 15:19		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	119	%	70-130	11.06.2019 15:19	
1,4-Difluorobenzene	540-36-3	98	%	70-130	11.06.2019 15:19	

Certificate of Analytical Results 642191

GHD Services, INC- Midland, Midland, TX

Enlink Falcon CDP

Sample Id:	**HA-1-3'**	Matrix:	Soil	Date Received:	11.06.2019 09:16
Lab Sample Id:	642191-015	Date Collected:	11.05.2019 15:00	Sample Depth:	3 ft

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DTH			% Moisture:	
Analyst:	DTH	Date Prep:	11.06.2019 16:00	Basis:	Wet Weight
Seq Number:	3106741				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**14.2**	50.2	13.9	mg/kg	11.06.2019 18:11	J	1
Diesel Range Organics (DRO)	C10C28DRO	**88.4**	50.2	11.5	mg/kg	11.06.2019 18:11		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**26.2**	50.2	11.5	mg/kg	11.06.2019 18:11	J	1
Total TPH	PHC635	**129**	50.2	11.5	mg/kg	11.06.2019 18:11		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	87	%	70-135	11.06.2019 18:11	
o-Terphenyl	84-15-1	98	%	70-135	11.06.2019 18:11	

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MAB			% Moisture:	
Analyst:	MAB	Date Prep:	11.06.2019 09:40	Basis:	Wet Weight
Seq Number:	3106687				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.000503	0.00101	0.000503	mg/kg	11.06.2019 15:39	U	1
Toluene	108-88-3	<0.000503	0.00101	0.000503	mg/kg	11.06.2019 15:39	U	1
Ethylbenzene	100-41-4	**0.0520**	0.00101	0.000503	mg/kg	11.06.2019 15:39		1
m,p-Xylenes	179601-23-1	**0.0358**	0.00201	0.00101	mg/kg	11.06.2019 15:39		1
o-Xylene	95-47-6	**0.00900**	0.00101	0.000503	mg/kg	11.06.2019 15:39		1
Total Xylenes	1330-20-7	**0.0448**	0.00101	0.000503	mg/kg	11.06.2019 15:39		1
Total BTEX		**0.0968**	0.00101	0.000503	mg/kg	11.06.2019 15:39		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	97	%	70-130	11.06.2019 15:39	
4-Bromofluorobenzene	460-00-4	120	%	70-130	11.06.2019 15:39	

Certificate of Analytical Results 642191

GHD Services, INC- Midland, Midland, TX

Enlink Falcon CDP

Sample Id:	**HA-2-5'**	Matrix:	Soil	Date Received:	11.06.2019 09:16
Lab Sample Id:	642191-016	Date Collected:	11.05.2019 14:48	Sample Depth:	5 ft

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DTH			% Moisture:	
Analyst:	DTH	Date Prep:	11.06.2019 16:00	Basis:	Wet Weight
Seq Number:	3106741				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**20.1**	50.1	13.9	mg/kg	11.06.2019 18:31	J	1
Diesel Range Organics (DRO)	C10C28DRO	**318**	50.1	11.5	mg/kg	11.06.2019 18:31		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**22.7**	50.1	11.5	mg/kg	11.06.2019 18:31	J	1
Total TPH	PHC635	**361**	50.1	11.5	mg/kg	11.06.2019 18:31		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	81	%	70-135	11.06.2019 18:31	
o-Terphenyl	84-15-1	89	%	70-135	11.06.2019 18:31	

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MAB			% Moisture:	
Analyst:	MAB	Date Prep:	11.06.2019 09:40	Basis:	Wet Weight
Seq Number:	3106687				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.000498	0.000996	0.000498	mg/kg	11.06.2019 16:00	U	1
Toluene	108-88-3	**0.00195**	0.000996	0.000498	mg/kg	11.06.2019 16:00		1
Ethylbenzene	100-41-4	**0.0114**	0.000996	0.000498	mg/kg	11.06.2019 16:00		1
m,p-Xylenes	179601-23-1	**0.0297**	0.00199	0.000996	mg/kg	11.06.2019 16:00		1
o-Xylene	95-47-6	**0.00964**	0.000996	0.000498	mg/kg	11.06.2019 16:00		1
Total Xylenes	1330-20-7	**0.0393**	0.000996	0.000498	mg/kg	11.06.2019 16:00		1
Total BTEX		**0.0527**	0.000996	0.000498	mg/kg	11.06.2019 16:00		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	127	%	70-130	11.06.2019 16:00	
1,4-Difluorobenzene	540-36-3	98	%	70-130	11.06.2019 16:00	

Certificate of Analytical Results 642191

GHD Services, INC- Midland, Midland, TX

Enlink Falcon CDP

Sample Id:	**HA-3-3'**	Matrix:	Soil	Date Received:	11.06.2019 09:16
Lab Sample Id:	642191-017	Date Collected:	11.05.2019 14:40	Sample Depth:	3 ft

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DTH			% Moisture:	
Analyst:	DTH	Date Prep:	11.06.2019 16:00	Basis:	Wet Weight
Seq Number:	3106741				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**15.0**	50.1	13.9	mg/kg	11.06.2019 18:51	J	1
Diesel Range Organics (DRO)	C10C28DRO	**12.0**	50.1	11.5	mg/kg	11.06.2019 18:51	J	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**27.1**	50.1	11.5	mg/kg	11.06.2019 18:51	J	1
Total TPH	PHC635	**54.1**	50.1	11.5	mg/kg	11.06.2019 18:51		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	86	%	70-135	11.06.2019 18:51	
o-Terphenyl	84-15-1	98	%	70-135	11.06.2019 18:51	

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MAB			% Moisture:	
Analyst:	MAB	Date Prep:	11.06.2019 09:40	Basis:	Wet Weight
Seq Number:	3106687				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.000500	0.00100	0.000500	mg/kg	11.06.2019 13:57	U	1
Toluene	108-88-3	<0.000500	0.00100	0.000500	mg/kg	11.06.2019 13:57	U	1
Ethylbenzene	100-41-4	<0.000500	0.00100	0.000500	mg/kg	11.06.2019 13:57	U	1
m,p-Xylenes	179601-23-1	<0.00100	0.00200	0.00100	mg/kg	11.06.2019 13:57	U	1
o-Xylene	95-47-6	<0.000500	0.00100	0.000500	mg/kg	11.06.2019 13:57	U	1
Total Xylenes	1330-20-7	<0.000500	0.00100	0.000500	mg/kg	11.06.2019 13:57	U	1
Total BTEX		<0.000500	0.00100	0.000500	mg/kg	11.06.2019 13:57	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	107	%	70-130	11.06.2019 13:57	
1,4-Difluorobenzene	540-36-3	98	%	70-130	11.06.2019 13:57	

Flagging Criteria

X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.

D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

F RPD exceeded lab control limits.

J The target analyte was positively identified below the quantitation limit and above the detection limit.

U Analyte was not detected.

L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

K Sample analyzed outside of recommended hold time.

JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

** Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

SMP Client Sample **BLK** Method Blank

BKS/LCS Blank Spike/Laboratory Control Sample **BKSD/LCSD** Blank Spike Duplicate/Laboratory Control Sample Duplicate

MD/SD Method Duplicate/Sample Duplicate **MS** Matrix Spike **MSD:** Matrix Spike Duplicate

+ NELAC certification not offered for this compound.

* (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

QC Summary 642191

GHD Services, INC- Midland

Enlink Falcon CDP

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3106741 — Matrix: Solid — Date Prep: 11.06.2019
MB Sample Id: 7689772-1-BLK — LCS Sample Id: 7689772-1-BKS — LCSD Sample Id: 7689772-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<13.9	1000	815	82	814	81	70-135	0	35	mg/kg	11.06.2019 11:18	
Diesel Range Organics (DRO)	<11.5	1000	920	92	886	89	70-135	4	35	mg/kg	11.06.2019 11:18	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	97		102		103		70-135	%	11.06.2019 11:18
o-Terphenyl	111		109		105		70-135	%	11.06.2019 11:18

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3106741 — Matrix: Solid — Date Prep: 11.06.2019
MB Sample Id: 7689772-1-BLK

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<11.5	mg/kg	11.06.2019 10:58	

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3106741 — Matrix: Soil — Date Prep: 11.06.2019
Parent Sample Id: 642191-001 — MS Sample Id: 642191-001 S — MSD Sample Id: 642191-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	15.9	1000	810	79	883	87	70-135	9	35	mg/kg	11.06.2019 12:17	
Diesel Range Organics (DRO)	18.1	1000	884	87	956	94	70-135	8	35	mg/kg	11.06.2019 12:17	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	103		109		70-135	%	11.06.2019 12:17
o-Terphenyl	103		113		70-135	%	11.06.2019 12:17

Analytical Method: BTEX by EPA 8021B — Prep Method: SW5030B
Seq Number: 3106687 — Matrix: Solid — Date Prep: 11.06.2019
MB Sample Id: 7689764-1-BLK — LCS Sample Id: 7689764-1-BKS — LCSD Sample Id: 7689764-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.000500	0.100	0.0975	98	0.103	103	70-130	5	35	mg/kg	11.06.2019 10:46	
Toluene	<0.000500	0.100	0.0975	98	0.104	104	70-130	6	35	mg/kg	11.06.2019 10:46	
Ethylbenzene	<0.000500	0.100	0.101	101	0.108	108	71-129	7	35	mg/kg	11.06.2019 10:46	
m,p-Xylenes	<0.00100	0.200	0.206	103	0.220	110	70-135	7	35	mg/kg	11.06.2019 10:46	
o-Xylene	<0.000500	0.100	0.103	103	0.110	110	71-133	7	35	mg/kg	11.06.2019 10:46	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	100		99		101		70-130	%	11.06.2019 10:46
4-Bromofluorobenzene	107		110		113		70-130	%	11.06.2019 10:46

MS/MSD Percent Recovery — [D] = 100*(C-A) / B — LCS = Laboratory Control Sample — MS = Matrix Spike
Relative Percent Difference — RPD = 200* | (C-E) / (C+E) | — A = Parent Result — B = Spike Added
LCS/LCSD Recovery — [D] = 100 * (C) / [B] — C = MS/LCS Result — D = MSD/LCSD % Rec
Log Difference — Log Diff. = Log(Sample Duplicate) - Log(Original Sample) — E = MSD/LCSD Result

QC Summary 642191

GHD Services, INC- Midland

Enlink Falcon CDP

Analytical Method: **BTEX by EPA 8021B** Prep Method: SW5030B
Seq Number: 3106690 Matrix: Solid Date Prep: 11.06.2019
MB Sample Id: 7689767-1-BLK LCS Sample Id: 7689767-1-BKS LCSD Sample Id: 7689767-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.000500	0.100	0.0931	93	0.0911	91	70-130	2	35	mg/kg	11.06.2019 11:12	
Toluene	<0.000500	0.100	0.0943	94	0.0930	93	70-130	1	35	mg/kg	11.06.2019 11:12	
Ethylbenzene	<0.000500	0.100	0.0950	95	0.0943	94	71-129	1	35	mg/kg	11.06.2019 11:12	
m,p-Xylenes	<0.00100	0.200	0.203	102	0.201	101	70-135	1	35	mg/kg	11.06.2019 11:12	
o-Xylene	<0.000500	0.100	0.100	100	0.0980	98	71-133	2	35	mg/kg	11.06.2019 11:12	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	95		98		96		70-130	%	11.06.2019 11:12
4-Bromofluorobenzene	104		105		100		70-130	%	11.06.2019 11:12

Analytical Method: **BTEX by EPA 8021B** Prep Method: SW5030B
Seq Number: 3106690 Matrix: Soil Date Prep: 11.06.2019
Parent Sample Id: 642182-001 MS Sample Id: 642182-001 S MSD Sample Id: 642182-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.000505	0.101	0.0640	63	0.0717	71	70-130	11	35	mg/kg	11.06.2019 11:50	X
Toluene	<0.000505	0.101	0.0805	80	0.0729	72	70-130	10	35	mg/kg	11.06.2019 11:50	
Ethylbenzene	<0.000505	0.101	0.0849	84	0.0723	72	71-129	16	35	mg/kg	11.06.2019 11:50	
m,p-Xylenes	<0.00101	0.202	0.173	86	0.155	77	70-135	11	35	mg/kg	11.06.2019 11:50	
o-Xylene	<0.000505	0.101	0.0841	83	0.0771	76	71-133	9	35	mg/kg	11.06.2019 11:50	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	88		100		70-130	%	11.06.2019 11:50
4-Bromofluorobenzene	109		118		70-130	%	11.06.2019 11:50

Analytical Method: **BTEX by EPA 8021B** Prep Method: SW5030B
Seq Number: 3106687 Matrix: Soil Date Prep: 11.06.2019
Parent Sample Id: 642191-017 MS Sample Id: 642191-017 S MSD Sample Id: 642191-017 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.000494	0.0988	0.0988	100	0.0793	79	70-130	22	35	mg/kg	11.06.2019 12:42	
Toluene	<0.000494	0.0988	0.101	102	0.0920	92	70-130	9	35	mg/kg	11.06.2019 12:42	
Ethylbenzene	<0.000494	0.0988	0.103	104	0.0939	94	71-129	9	35	mg/kg	11.06.2019 12:42	
m,p-Xylenes	<0.000988	0.198	0.211	107	0.194	97	70-135	8	35	mg/kg	11.06.2019 12:42	
o-Xylene	<0.000494	0.0988	0.105	106	0.0965	97	71-133	8	35	mg/kg	11.06.2019 12:42	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	101		95		70-130	%	11.06.2019 12:42
4-Bromofluorobenzene	114		119		70-130	%	11.06.2019 12:42

MS/MSD Percent Recovery [D] = 100*(C-A) / B
Relative Percent Difference RPD = 200* | (C-E) / (C+E) |
LCS/LCSD Recovery [D] = 100 * (C) / [B]
Log Difference Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
A = Parent Result
C = MS/LCS Result
E = MSD/LCSD Result

MS = Matrix Spike
B = Spike Added
D = MSD/LCSD % Rec

Page 69 of 821

Chain of Custody

XENCO LABORATORIES

Houston,TX (281) 240-4200 Dallas,TX (214) 902-0300 San Antonio,TX (210) 509-3334
Midland,TX (432) 704-5440 EL Paso,TX (915) 585-3443 Lubbock,TX (806) 794-1296 Crasbad, NM (432) 704-5440
Phoenix,AZ (480) 355-0900 Atlanta,GA (770) 449-8800 Tampa,FL (813) 620-2000 West Palm Beach, FL (561) 689-6701

Work Order No: 642-191

www.xenco.com Page 1 of 2

Project Manager:	Tom Larson	Bill to: (If different)	GHD, MAF/Tom Larson
Company Name:	GHD Services	Company Name:	GHD, Services LLC
Address:	2135 S Loop 250 W	Address:	2135 S Loop 250 W
City, State ZIP:	Midland Tx 79703	City, State ZIP:	Midland Tx 79703
Phone:	432 203 8671	Email:	Tom.@ghd.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting:Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	EnLink Falcon EOP	Turn Around	
Project Number:	NA	Routine ☐	
Project Location	Lea	Rush: 1 day	
Sampler's Name:	Joshua Pigg	Due Date:	
PO #:		Quote #:	

SAMPLE RECEIPT			
Temp Blank:	(Yes) No	Wet Ice:	(Yes) No
Temperature (°C):	0.2	Thermometer ID	
Received Intact:	(Yes) No	T-NM-007	
Cooler Custody Seals:	Yes (No) N/A	Correction Factor:	-0.2
Sample Custody Seals:	Yes (No) N/A	Total Containers:	17

Lab ID	Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number of Containers	Pres. Code	BTEX 8021 B	TPH 8015
	SS-1-4"	S	11-5-19	1330	4"			X	X
	SS-2-4"			1335				X	X
	SS-3-4"			1340				X	X
	SS-4-4"			1345				X	X
	SS-5-4"			1350				X	X
	SS-6-4"			1355				X	X
	SS-7-4"			1400				X	X
	SS-8-4"			1415				X	X
	SS-9-4"			1420				X	X
	SS-10-4"			1428				X	X

Preservative Codes

MeOH: Me
None: NO
HNO3: HN
H2S04: H2
HCL: HL
NaOH: Na
Zn Acetate+ NaOH: Zn

TAT starts the day recevied by the lab, if received by 4:00pm

Sample Comments

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed

TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U

1631 / 245.1 / 7470 / 7471 : Hg

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 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 $75.00 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
		11/6/19 916	2		
			4		
			6		

Revised Date 022619 Rev: 2019.1

Received by OCD: 9/14/2021 1:19:38 PM
Final 1.000
Page 28 of 30
Released to Imaging: 1/6/2022 8:12:55 AM

Page 70 of 821

Chain of Custody

Houston,TX (281) 240-4200 Dallas,TX (214) 902-0300 San Antonio,TX (210) 509-3334
Midland,TX (432) 704-5440 EL Paso,TX (915) 585-3443 Lubbock,TX (806) 794-1296 Craslbad, NM (432) 704-5440
Phoenix,AZ (480) 355-0900 Atlanta,GA (770) 449-8800 Tampa,FL (813) 620-2000 West Palm Beach, FL (561) 689-6701 www.xenco.com

Work Order No: 642191

Page 2 of 2

Project Manager:	Tom Larson	Bill to: (if different)	Tom Larson
Company Name:	GHD Services	Company Name:	GHD Services
Address:	2135 S Loop 250 W	Address:	2135 S Loop 250 W
City, State ZIP:	Midland, Tx 79703	City, State ZIP:	Midland Tx 79703
Phone:	432 203 8671	Email:	Tom.Larson@ghd.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting:Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	EnLink Falcon CDP	Turn Around	
Project Number:	NA	Routine ☐	
Project Location	Lea	Rush: 24 hr	
Sampler's Name:	Joshua Pigg	Due Date:	
PO #:		Quote #:	

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Temperature (°C):		Thermometer ID	
Received Intact:	Yes No		
Cooler Custody Seals:	Yes No N/A	Correction Factor:	
Sample Custody Seals:	Yes No N/A	Total Containers:	

Lab ID	Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number of Containers	BTEX 8021 B	TPH 8015
	TP-1-5'	S	11-4-19	1420	5'		x	x
	TP-1-7'	S		1425	7'		x	x
	TP-2-5'	S		1457	5'		x	x
	TP-2-10'	S		1520	10'		x	x
	HA-1-3'	S	11-5-19	1500	3		x	x
	HA-2-5'	S		1448	5		x	x
	HA-3-3'	S		1440	3		x	x

ANALYSIS REQUEST

Preservative Codes

MeOH: Me
None: NO
HNO3: HN
H2S04: H2
HCL: HL
NaOH: Na
Zn Acetate+ NaOH: Zn

TAT starts the day recevied by the lab, if received by 4:00pm

Sample Comments

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed

TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U

1631 / 245.1 / 7470 / 7471 : Hg

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 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 $75.00 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
		11/12/19 9:10	2		
			4		
			6		

Revised Date 022619 Rev. 2019.1

Received by OCD: 9/4/2021 1:19:38 PM
Final 1.000
Page 29 of 30
Released to Imaging: 1/6/2022 8:12:55 AM

XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Client: GHD Services, INC- Midland

Date/ Time Received: 11.06.2019 09.16.00 AM

Work Order #: 642191

Acceptable Temperature Range: 0 - 6 degC
Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : T-NM-007

Sample Receipt Checklist		Comments
#1 *Temperature of cooler(s)?	.2	
#2 *Shipping container in good condition?	**Yes**	
#3 *Samples received on ice?	**Yes**	
#4 *Custody Seals intact on shipping container/ cooler?	**Yes**	
#5 Custody Seals intact on sample bottles?	**Yes**	
#6*Custody Seals Signed and dated?	**Yes**	
#7 *Chain of Custody present?	**Yes**	
#8 Any missing/extra samples?	**Yes**	Sampler said to diregard samples "TP-2-2" and "TP-1-2"
#9 Chain of Custody signed when relinquished/ received?	**Yes**	
#10 Chain of Custody agrees with sample labels/matrix?	**Yes**	
#11 Container label(s) legible and intact?	**Yes**	
#12 Samples in proper container/ bottle?	**Yes**	
#13 Samples properly preserved?	**Yes**	
#14 Sample container(s) intact?	**Yes**	
#15 Sufficient sample amount for indicated test(s)?	**Yes**	
#16 All samples received within hold time?	**Yes**	
#17 Subcontract of sample(s)?	**No**	
#18 Water VOC samples have zero headspace?	**N/A**	

*** Must be completed for after-hours delivery of samples prior to placing in the refrigerator**

Analyst: PH Device/Lot#:

Checklist completed by: Elizabeth McClellan Date: 11.06.2019

Checklist reviewed by: Debbie Simmons Date: 11.06.2019

Certificate of Analysis Summary 648654

GHD Services, INC- Midland, Midland, TX

Project Name: Enlink Falcon

Project Id: 11205561
Contact: Tom Larson
Project Location:

Date Received in Lab: Fri 01.10.2020 11:19
Report Date: 01.21.2020 17:23
Project Manager: Debbie Simmons

Analysis Requested													
	Lab Id:	648654-001		648654-002		648654-003		648654-004		648654-005		648654-006	
	Field Id:	SL-1 @ 1'		SL-2 @ 2'		SL-3 @ 2'		SL-4 @ 2.5'		SL-5 @ 2'		SL-6 @ 2'	
	Depth:	1- ft		2- ft		2- ft		2.5- ft		2- ft		2- ft	
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	01.09.2020 12:00		01.09.2020 12:05		01.09.2020 12:10		01.09.2020 12:20		01.09.2020 12:30		01.09.2020 12:35	
BTEX by EPA 8021B	***Extracted:***	01.18.2020 11:00		01.20.2020 17:00		01.20.2020 17:00		01.20.2020 17:00		01.20.2020 17:00		01.20.2020 17:00	
	Analyzed:	01.19.2020 10:12		01.21.2020 07:32		01.21.2020 07:52		01.21.2020 08:12		01.21.2020 08:32		01.21.2020 08:52	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		<0.00201	0.00201	1.01	1.00	<0.00200	0.00200	1.12	0.992	0.437	0.198	0.423	0.198
Toluene		0.00422	0.00201	27.2	1.00	0.0244	0.00200	18.1	0.992	19.7	0.198	17.7	0.198
Ethylbenzene		0.00479	0.00201	5.74	1.00	0.131	0.00200	6.19	0.992	6.68	0.198	5.02	0.198
m,p-Xylenes		0.0833	0.00402	59.9	2.00	0.0749	0.00399	47.3	1.98	54.5	0.396	43.1	0.397
o-Xylene		0.0392	0.00201	15.3	1.00	0.351	0.00200	17.1	0.992	16.2	0.198	12.7	0.198
Total Xylenes		0.123	0.00201	75.2	1.00	0.426	0.00200	64.4	0.992	70.7	0.198	55.8	0.198
Total BTEX		0.132	0.00201	109	1.00	0.581	0.00200	89.8	0.992	97.5	0.198	78.9	0.198
TPH By SW8015 Mod	***Extracted:***	01.16.2020 11:00		01.16.2020 11:00		01.16.2020 11:00		01.16.2020 11:00		01.16.2020 11:00		01.16.2020 11:00	
	Analyzed:	01.16.2020 13:56		01.16.2020 14:17		01.16.2020 14:37		01.17.2020 07:47		01.17.2020 08:08		01.16.2020 15:41	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		160	49.9	4270	49.9	281	49.8	5310	250	6270	250	4210	250
Diesel Range Organics (DRO)		615	49.9	6720	49.9	687	49.8	8110	250	9740	250	7640	250
Motor Oil Range Hydrocarbons (MRO)		54.4	49.9	549	49.9	83.6	49.8	846	250	866	250	886	250
Total TPH		829	49.9	11500	49.9	1050	49.8	14300	250	16900	250	12700	250

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Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

Debbie Simmons
Project Manager

Certificate of Analysis Summary 648654

GHD Services, INC- Midland, Midland, TX

Project Name: Enlink Falcon

Project Id: 11205561
Contact: Tom Larson
Project Location:

Date Received in Lab: Fri 01.10.2020 11:19
Report Date: 01.21.2020 17:23
Project Manager: Debbie Simmons

Analysis Requested													
	Lab Id:	648654-007		648654-008		648654-009		648654-010		648654-011		648654-012	
	Field Id:	SL-7 @ 1.5'		SL-8 @ 1.5'		SL-9 @ 1'		SL-10 @ 1.5'		SL-11 @ 1.5'		SL-12 @ 1.5'	
	Depth:	1.5- ft		1.5- ft		1- ft		1.5- ft		1.5- ft		1.5- ft	
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	01.09.2020 12:40		01.09.2020 12:45		01.09.2020 12:50		01.09.2020 12:55		01.09.2020 13:05		01.09.2020 13:10	
BTEX by EPA 8021B	***Extracted:***	01.20.2020 17:00		01.20.2020 17:00		01.20.2020 17:00		01.20.2020 17:00		01.20.2020 17:00		01.20.2020 17:00	
	Analyzed:	01.21.2020 10:11		01.21.2020 10:31		01.21.2020 10:52		01.21.2020 11:12		01.21.2020 11:32		01.21.2020 11:52	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		0.662	0.200	0.394	0.202	<0.00202	0.00202	0.275	0.202	<0.198	0.198	<0.199	0.199
Toluene		18.8	0.200	14.2	0.202	0.00219	0.00202	9.59	0.202	5.92	0.198	5.73	0.199
Ethylbenzene		6.44	0.200	6.32	0.202	<0.00202	0.00202	4.05	0.202	3.37	0.198	2.87	0.199
m,p-Xylenes		54.6	0.400	52.9	0.404	0.00586	0.00403	36.1	0.403	36.8	0.397	27.6	0.398
o-Xylene		15.9	0.200	15.8	0.202	0.00386	0.00202	10.5	0.202	11.1	0.198	8.76	0.199
Total Xylenes		70.5	0.200	68.7	0.202	0.00972	0.00202	46.6	0.202	47.9	0.198	36.4	0.199
Total BTEX		96.4	0.200	89.6	0.202	0.0119	0.00202	60.5	0.202	57.2	0.198	45.0	0.199
TPH By SW8015 Mod	***Extracted:***	01.16.2020 11:00		01.16.2020 11:00		01.16.2020 11:00		01.16.2020 11:00		01.16.2020 11:00		01.16.2020 11:00	
	Analyzed:	01.16.2020 16:22		01.16.2020 16:43		01.16.2020 17:04		01.16.2020 17:25		01.16.2020 17:46		01.16.2020 18:07	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		4830	249	5470	249	<50.0	50.0	2840	50.0	4470	250	2940	49.9
Diesel Range Organics (DRO)		7870	249	9520	249	<50.0	50.0	5790	50.0	9700	250	5600	49.9
Motor Oil Range Hydrocarbons (MRO)		731	249	881	249	<50.0	50.0	520	50.0	904	250	477	49.9
Total TPH		13400	249	15900	249	<50.0	50.0	9150	50.0	15100	250	9020	49.9

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Debbie Simmons
Project Manager

Certificate of Analysis Summary 648654

GHD Services, INC- Midland, Midland, TX

Project Name: Enlink Falcon

Project Id: 11205561
Contact: Tom Larson
Project Location:

Date Received in Lab: Fri 01.10.2020 11:19
Report Date: 01.21.2020 17:23
Project Manager: Debbie Simmons

Analysis Requested									
	Lab Id:	648654-013		648654-014		648654-015				
	Field Id:	SL-13 @ 1.5'		SL-14 @ 1.5'		SL-15 @ 1.5'				
	Depth:	1.5- ft		1.5- ft		1.5- ft				
	Matrix:	SOIL		SOIL		SOIL				
	Sampled:	01.09.2020 13:15		01.09.2020 13:20		01.09.2020 13:25				
BTEX by EPA 8021B	***Extracted:***	01.20.2020 17:00		01.20.2020 17:00		01.20.2020 17:00				
	Analyzed:	01.21.2020 12:12		01.21.2020 12:32		01.21.2020 12:52				
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL			
Benzene		<0.00199	0.00199	0.584	0.200	<0.202	0.202			
Toluene		0.00613	0.00199	19.4	0.200	1.21	0.202			
Ethylbenzene		0.0224	0.00199	6.61	0.200	1.34	0.202			
m,p-Xylenes		0.342	0.00398	52.4	0.400	14.3	0.403			
o-Xylene		0.136	0.00199	15.6	0.200	4.81	0.202			
Total Xylenes		0.478	0.00199	68.0	0.200	19.1	0.202			
Total BTEX		0.507	0.00199	94.6	0.200	21.7	0.202			
TPH By SW8015 Mod	***Extracted:***	01.16.2020 11:00		01.16.2020 11:00		01.16.2020 11:00				
	Analyzed:	01.16.2020 18:28		01.16.2020 18:49		01.16.2020 19:10				
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL			
Gasoline Range Hydrocarbons (GRO)		167	49.9	7430	250	2510	249			
Diesel Range Organics (DRO)		614	49.9	12900	250	6280	249			
Motor Oil Range Hydrocarbons (MRO)		78.4	49.9	1140	250	581	249			
Total TPH		859	49.9	21500	250	9370	249			

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Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

Debbie Simmons
Project Manager

Analytical Report 648654

for

GHD Services, INC- Midland

Project Manager: Tom Larson

Enlink Falcon

11205561

01.21.2020

Collected By: Client

1211 W. Florida Ave
Midland TX 79701

Xenco-Houston (EPA Lab Code: TX00122):
Texas (T104704215-19-30), Arizona (AZ0765), Florida (E871002-24), Louisiana (03054)
Oklahoma (2019-058), North Carolina (681), Arkansas (19-037-0)

Xenco-Dallas (EPA Lab Code: TX01468):
Texas (TX104704295-19-22), Arizona (AZ0809), Arkansas (17-063-0)

Xenco-El Paso (EPA Lab Code: TX00127): Texas (T104704221-19-16)
Xenco-Lubbock (EPA Lab Code: TX00139): Texas (T104704219-19-21)
Xenco-Midland (EPA Lab Code: TX00158): Texas (T104704400-19-19)
Xenco-Carlsbad (LELAP): Louisiana (05092)
Xenco-San Antonio (EPA Lab Code: TNI02385): Texas (T104704534-19-5)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona (AZ0757)
Xenco-Tampa: Florida (E87429), North Carolina (483)

01.21.2020

Project Manager: **Tom Larson**
GHD Services, INC- Midland
2135 S Loop 250 W
Midland, TX 79703

Reference: XENCO Report No(s): **648654**
Enlink Falcon
Project Address:

Tom Larson:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 648654. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 648654 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Debbie Simmons

Debbie Simmons
Project Manager

A Small Business and Minority Company

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

Sample Cross Reference 648654

GHD Services, INC- Midland, Midland, TX

Enlink Falcon

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
SL-1 @ 1'	S	01.09.2020 12:00	1 ft	648654-001
SL-2 @ 2'	S	01.09.2020 12:05	2 ft	648654-002
SL-3 @ 2'	S	01.09.2020 12:10	2 ft	648654-003
SL-4 @ 2.5'	S	01.09.2020 12:20	2.5 ft	648654-004
SL-5 @ 2'	S	01.09.2020 12:30	2 ft	648654-005
SL-6 @ 2'	S	01.09.2020 12:35	2 ft	648654-006
SL-7 @ 1.5'	S	01.09.2020 12:40	1.5 ft	648654-007
SL-8 @ 1.5'	S	01.09.2020 12:45	1.5 ft	648654-008
SL-9 @ 1'	S	01.09.2020 12:50	1 ft	648654-009
SL-10 @ 1.5'	S	01.09.2020 12:55	1.5 ft	648654-010
SL-11 @ 1.5'	S	01.09.2020 13:05	1.5 ft	648654-011
SL-12 @ 1.5'	S	01.09.2020 13:10	1.5 ft	648654-012
SL-13 @ 1.5'	S	01.09.2020 13:15	1.5 ft	648654-013
SL-14 @ 1.5'	S	01.09.2020 13:20	1.5 ft	648654-014
SL-15 @ 1.5'	S	01.09.2020 13:25	1.5 ft	648654-015

CASE NARRATIVE

Client Name: GHD Services, INC- Midland

Project Name: Enlink Falcon

Project ID: *11205561*
Work Order Number(s): *648654*

Report Date: *01.21.2020*
Date Received: *01.10.2020*

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-3113778 BTEX by EPA 8021B

Lab Sample ID 648654-001 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD). Toluene recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate. Benzene, Ethylbenzene, m,p-Xylenes, o-Xylene recovered below QC limits in the Matrix Spike Duplicate. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 648654-001.
The Laboratory Control Sample for Toluene, Benzene, m,p-Xylenes, Ethylbenzene, o-Xylene is within laboratory Control Limits, therefore the data was accepted.

Surrogate 4-Bromofluorobenzene recovered above QC limits. Matrix interferences is suspected. Samples affected are: 648654-001 S,648654-001.

Benzene, Ethylbenzene, m,p-Xylenes, o-Xylene Relative Percent Difference (RPD) between matrix spike and duplicate were above quality control limits.
Samples in the analytical batch are: 648654-001
Soil samples were not received in Terracore kits and therefore were prepared by method 5030.

Batch: LBA-3113912 BTEX by EPA 8021B

Soil samples were not received in Terracore kits and therefore were prepared by method 5030.
Surrogate 4-Bromofluorobenzene recovered above QC limits. Matrix interferences is suspected. Samples affected are: 648654-003,648654-005,648654-006,648654-007,648654-008,648654-015,648654-011,648654-012,648654-013,648654-014,648654-010.

Certificate of Analytical Results 648654

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Enlink Falcon

Sample Id:	**SL-1 @ 1'**	Matrix:	Soil	Date Received:	01.10.2020 11:19
Lab Sample Id:	648654-001	Date Collected:	01.09.2020 12:00	Sample Depth:	1 ft

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	01.16.2020 11:00	Basis:	Wet Weight
Seq Number:	3113633				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**160**	49.9	mg/kg	01.16.2020 13:56		1
Diesel Range Organics (DRO)	C10C28DRO	**615**	49.9	mg/kg	01.16.2020 13:56		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**54.4**	49.9	mg/kg	01.16.2020 13:56		1
Total TPH	PHC635	**829**	49.9	mg/kg	01.16.2020 13:56		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	111	%	70-135	01.16.2020 13:56	
o-Terphenyl	84-15-1	111	%	70-135	01.16.2020 13:56	

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	01.18.2020 11:00	Basis:	Wet Weight
Seq Number:	3113778				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	01.19.2020 10:12	U	1
Toluene	108-88-3	**0.00422**	0.00201	mg/kg	01.19.2020 10:12		1
Ethylbenzene	100-41-4	**0.00479**	0.00201	mg/kg	01.19.2020 10:12		1
m,p-Xylenes	179601-23-1	**0.0833**	0.00402	mg/kg	01.19.2020 10:12		1
o-Xylene	95-47-6	**0.0392**	0.00201	mg/kg	01.19.2020 10:12		1
Total Xylenes	1330-20-7	**0.123**	0.00201	mg/kg	01.19.2020 10:12		1
Total BTEX		**0.132**	0.00201	mg/kg	01.19.2020 10:12		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	92	%	70-130	01.19.2020 10:12	
4-Bromofluorobenzene	460-00-4	133	%	70-130	01.19.2020 10:12	**

Certificate of Analytical Results 648654

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Enlink Falcon

Sample Id:	**SL-2 @ 2'**	Matrix:	Soil	Date Received:	01.10.2020 11:19
Lab Sample Id:	648654-002	Date Collected:	01.09.2020 12:05	Sample Depth:	2 ft

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	01.16.2020 11:00	Basis:	Wet Weight
Seq Number:	3113633				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**4270**	49.9	mg/kg	01.16.2020 14:17		1
Diesel Range Organics (DRO)	C10C28DRO	**6720**	49.9	mg/kg	01.16.2020 14:17		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**549**	49.9	mg/kg	01.16.2020 14:17		1
Total TPH	PHC635	**11500**	49.9	mg/kg	01.16.2020 14:17		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	121	%	70-135	01.16.2020 14:17	
o-Terphenyl	84-15-1	84	%	70-135	01.16.2020 14:17	

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	01.20.2020 17:00	Basis:	Wet Weight
Seq Number:	3113912				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	**1.01**	1.00	mg/kg	01.21.2020 07:32		500
Toluene	108-88-3	**27.2**	1.00	mg/kg	01.21.2020 07:32		500
Ethylbenzene	100-41-4	**5.74**	1.00	mg/kg	01.21.2020 07:32		500
m,p-Xylenes	179601-23-1	**59.9**	2.00	mg/kg	01.21.2020 07:32		500
o-Xylene	95-47-6	**15.3**	1.00	mg/kg	01.21.2020 07:32		500
Total Xylenes	1330-20-7	**75.2**	1.00	mg/kg	01.21.2020 07:32		500
Total BTEX		**109**	1.00	mg/kg	01.21.2020 07:32		500

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	119	%	70-130	01.21.2020 07:32	
1,4-Difluorobenzene	540-36-3	96	%	70-130	01.21.2020 07:32	

Certificate of Analytical Results 648654

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Enlink Falcon

Sample Id:	**SL-3 @ 2'**	Matrix:	Soil	Date Received:	01.10.2020 11:19
Lab Sample Id:	648654-003	Date Collected:	01.09.2020 12:10	Sample Depth:	2 ft

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	01.16.2020 11:00	Basis:	Wet Weight
Seq Number:	3113633				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**281**	49.8	mg/kg	01.16.2020 14:37		1
Diesel Range Organics (DRO)	C10C28DRO	**687**	49.8	mg/kg	01.16.2020 14:37		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**83.6**	49.8	mg/kg	01.16.2020 14:37		1
Total TPH	PHC635	**1050**	49.8	mg/kg	01.16.2020 14:37		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	120	%	70-135	01.16.2020 14:37	
o-Terphenyl	84-15-1	116	%	70-135	01.16.2020 14:37	

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	01.20.2020 17:00	Basis:	Wet Weight
Seq Number:	3113912				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	01.21.2020 07:52	U	1
Toluene	108-88-3	**0.0244**	0.00200	mg/kg	01.21.2020 07:52		1
Ethylbenzene	100-41-4	**0.131**	0.00200	mg/kg	01.21.2020 07:52		1
m,p-Xylenes	179601-23-1	**0.0749**	0.00399	mg/kg	01.21.2020 07:52		1
o-Xylene	95-47-6	**0.351**	0.00200	mg/kg	01.21.2020 07:52		1
Total Xylenes	1330-20-7	**0.426**	0.00200	mg/kg	01.21.2020 07:52		1
Total BTEX		**0.581**	0.00200	mg/kg	01.21.2020 07:52		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	97	%	70-130	01.21.2020 07:52	
4-Bromofluorobenzene	460-00-4	300	%	70-130	01.21.2020 07:52	**

Certificate of Analytical Results 648654

GHD Services, INC- Midland, Midland, TX

Enlink Falcon

Sample Id:	**SL-4 @ 2.5'**	Matrix:	Soil	Date Received:	01.10.2020 11:19
Lab Sample Id:	648654-004	Date Collected:	01.09.2020 12:20	Sample Depth:	2.5 ft

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	01.16.2020 11:00	Basis:	Wet Weight
Seq Number:	3113633				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**5310**	250	mg/kg	01.17.2020 07:47		5
Diesel Range Organics (DRO)	C10C28DRO	**8110**	250	mg/kg	01.17.2020 07:47		5
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**846**	250	mg/kg	01.17.2020 07:47		5
Total TPH	PHC635	**14300**	250	mg/kg	01.17.2020 07:47		5

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	127	%	70-135	01.17.2020 07:47	
o-Terphenyl	84-15-1	109	%	70-135	01.17.2020 07:47	

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	01.20.2020 17:00	Basis:	Wet Weight
Seq Number:	3113912				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	**1.12**	0.992	mg/kg	01.21.2020 08:12		500
Toluene	108-88-3	**18.1**	0.992	mg/kg	01.21.2020 08:12		500
Ethylbenzene	100-41-4	**6.19**	0.992	mg/kg	01.21.2020 08:12		500
m,p-Xylenes	179601-23-1	**47.3**	1.98	mg/kg	01.21.2020 08:12		500
o-Xylene	95-47-6	**17.1**	0.992	mg/kg	01.21.2020 08:12		500
Total Xylenes	1330-20-7	**64.4**	0.992	mg/kg	01.21.2020 08:12		500
Total BTEX		**89.8**	0.992	mg/kg	01.21.2020 08:12		500

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	130	%	70-130	01.21.2020 08:12	
1,4-Difluorobenzene	540-36-3	98	%	70-130	01.21.2020 08:12	

Certificate of Analytical Results 648654

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Enlink Falcon

Sample Id:	**SL-5 @ 2'**	Matrix:	Soil	Date Received:	01.10.2020 11:19
Lab Sample Id:	648654-005	Date Collected:	01.09.2020 12:30	Sample Depth:	2 ft

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	01.16.2020 11:00	Basis:	Wet Weight
Seq Number:	3113633				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**6270**	250	mg/kg	01.17.2020 08:08		5
Diesel Range Organics (DRO)	C10C28DRO	**9740**	250	mg/kg	01.17.2020 08:08		5
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**866**	250	mg/kg	01.17.2020 08:08		5
Total TPH	PHC635	**16900**	250	mg/kg	01.17.2020 08:08		5

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	128	%	70-135	01.17.2020 08:08	
o-Terphenyl	84-15-1	109	%	70-135	01.17.2020 08:08	

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	01.20.2020 17:00	Basis:	Wet Weight
Seq Number:	3113912				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	**0.437**	0.198	mg/kg	01.21.2020 08:32		100
Toluene	108-88-3	**19.7**	0.198	mg/kg	01.21.2020 08:32		100
Ethylbenzene	100-41-4	**6.68**	0.198	mg/kg	01.21.2020 08:32		100
m,p-Xylenes	179601-23-1	**54.5**	0.396	mg/kg	01.21.2020 08:32		100
o-Xylene	95-47-6	**16.2**	0.198	mg/kg	01.21.2020 08:32		100
Total Xylenes	1330-20-7	**70.7**	0.198	mg/kg	01.21.2020 08:32		100
Total BTEX		**97.5**	0.198	mg/kg	01.21.2020 08:32		100

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	102	%	70-130	01.21.2020 08:32	
4-Bromofluorobenzene	460-00-4	224	%	70-130	01.21.2020 08:32	**

Certificate of Analytical Results 648654

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Enlink Falcon

Sample Id:	**SL-6 @ 2'**	Matrix:	Soil	Date Received:	01.10.2020 11:19
Lab Sample Id:	648654-006	Date Collected:	01.09.2020 12:35	Sample Depth:	2 ft

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	01.16.2020 11:00	Basis:	Wet Weight
Seq Number:	3113633				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**4210**	250	mg/kg	01.16.2020 15:41		5
Diesel Range Organics (DRO)	C10C28DRO	**7640**	250	mg/kg	01.16.2020 15:41		5
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**886**	250	mg/kg	01.16.2020 15:41		5
Total TPH	PHC635	**12700**	250	mg/kg	01.16.2020 15:41		5

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	128	%	70-135	01.16.2020 15:41	
o-Terphenyl	84-15-1	115	%	70-135	01.16.2020 15:41	

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	01.20.2020 17:00	Basis:	Wet Weight
Seq Number:	3113912				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	**0.423**	0.198	mg/kg	01.21.2020 08:52		100
Toluene	108-88-3	**17.7**	0.198	mg/kg	01.21.2020 08:52		100
Ethylbenzene	100-41-4	**5.02**	0.198	mg/kg	01.21.2020 08:52		100
m,p-Xylenes	179601-23-1	**43.1**	0.397	mg/kg	01.21.2020 08:52		100
o-Xylene	95-47-6	**12.7**	0.198	mg/kg	01.21.2020 08:52		100
Total Xylenes	1330-20-7	**55.8**	0.198	mg/kg	01.21.2020 08:52		100
Total BTEX		**78.9**	0.198	mg/kg	01.21.2020 08:52		100

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	104	%	70-130	01.21.2020 08:52	
4-Bromofluorobenzene	460-00-4	215	%	70-130	01.21.2020 08:52	**

Certificate of Analytical Results 648654

GHD Services, INC- Midland, Midland, TX

Enlink Falcon

Sample Id:	**SL-7 @ 1.5'**	Matrix:	Soil	Date Received:	01.10.2020 11:19
Lab Sample Id:	648654-007	Date Collected:	01.09.2020 12:40	Sample Depth:	1.5 ft

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	01.16.2020 11:00	Basis:	Wet Weight
Seq Number:	3113633				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**4830**	249	mg/kg	01.16.2020 16:22		5
Diesel Range Organics (DRO)	C10C28DRO	**7870**	249	mg/kg	01.16.2020 16:22		5
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**731**	249	mg/kg	01.16.2020 16:22		5
Total TPH	PHC635	**13400**	249	mg/kg	01.16.2020 16:22		5

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	120	%	70-135	01.16.2020 16:22	
o-Terphenyl	84-15-1	107	%	70-135	01.16.2020 16:22	

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	01.20.2020 17:00	Basis:	Wet Weight
Seq Number:	3113912				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	**0.662**	0.200	mg/kg	01.21.2020 10:11		100
Toluene	108-88-3	**18.8**	0.200	mg/kg	01.21.2020 10:11		100
Ethylbenzene	100-41-4	**6.44**	0.200	mg/kg	01.21.2020 10:11		100
m,p-Xylenes	179601-23-1	**54.6**	0.400	mg/kg	01.21.2020 10:11		100
o-Xylene	95-47-6	**15.9**	0.200	mg/kg	01.21.2020 10:11		100
Total Xylenes	1330-20-7	**70.5**	0.200	mg/kg	01.21.2020 10:11		100
Total BTEX		**96.4**	0.200	mg/kg	01.21.2020 10:11		100

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	220	%	70-130	01.21.2020 10:11	**
1,4-Difluorobenzene	540-36-3	97	%	70-130	01.21.2020 10:11	

Certificate of Analytical Results 648654

GHD Services, INC- Midland, Midland, TX

Enlink Falcon

Sample Id:	**SL-8 @ 1.5'**	Matrix:	Soil	Date Received:	01.10.2020 11:19
Lab Sample Id:	648654-008	Date Collected:	01.09.2020 12:45	Sample Depth:	1.5 ft

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	01.16.2020 11:00	Basis:	Wet Weight
Seq Number:	3113633				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**5470**	249	mg/kg	01.16.2020 16:43		5
Diesel Range Organics (DRO)	C10C28DRO	**9520**	249	mg/kg	01.16.2020 16:43		5
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**881**	249	mg/kg	01.16.2020 16:43		5
Total TPH	PHC635	**15900**	249	mg/kg	01.16.2020 16:43		5

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	123	%	70-135	01.16.2020 16:43	
o-Terphenyl	84-15-1	101	%	70-135	01.16.2020 16:43	

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	01.20.2020 17:00	Basis:	Wet Weight
Seq Number:	3113912				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	**0.394**	0.202	mg/kg	01.21.2020 10:31		100
Toluene	108-88-3	**14.2**	0.202	mg/kg	01.21.2020 10:31		100
Ethylbenzene	100-41-4	**6.32**	0.202	mg/kg	01.21.2020 10:31		100
m,p-Xylenes	179601-23-1	**52.9**	0.404	mg/kg	01.21.2020 10:31		100
o-Xylene	95-47-6	**15.8**	0.202	mg/kg	01.21.2020 10:31		100
Total Xylenes	1330-20-7	**68.7**	0.202	mg/kg	01.21.2020 10:31		100
Total BTEX		**89.6**	0.202	mg/kg	01.21.2020 10:31		100

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	218	%	70-130	01.21.2020 10:31	**
1,4-Difluorobenzene	540-36-3	98	%	70-130	01.21.2020 10:31	

Certificate of Analytical Results 648654

GHD Services, INC- Midland, Midland, TX

Enlink Falcon

Sample Id:	**SL-9 @ 1'**	Matrix:	Soil	Date Received:	01.10.2020 11:19
Lab Sample Id:	648654-009	Date Collected:	01.09.2020 12:50	Sample Depth:	1 ft

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	01.16.2020 11:00	Basis:	Wet Weight
Seq Number:	3113633				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	01.16.2020 17:04	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	01.16.2020 17:04	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	01.16.2020 17:04	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	01.16.2020 17:04	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	100	%	70-135	01.16.2020 17:04	
o-Terphenyl	84-15-1	102	%	70-135	01.16.2020 17:04	

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	01.20.2020 17:00	Basis:	Wet Weight
Seq Number:	3113912				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	01.21.2020 10:52	U	1
Toluene	108-88-3	**0.00219**	0.00202	mg/kg	01.21.2020 10:52		1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	01.21.2020 10:52	U	1
m,p-Xylenes	179601-23-1	**0.00586**	0.00403	mg/kg	01.21.2020 10:52		1
o-Xylene	95-47-6	**0.00386**	0.00202	mg/kg	01.21.2020 10:52		1
Total Xylenes	1330-20-7	**0.00972**	0.00202	mg/kg	01.21.2020 10:52		1
Total BTEX		**0.0119**	0.00202	mg/kg	01.21.2020 10:52		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	97	%	70-130	01.21.2020 10:52	
1,4-Difluorobenzene	540-36-3	109	%	70-130	01.21.2020 10:52	

Certificate of Analytical Results 648654

GHD Services, INC- Midland, Midland, TX

Enlink Falcon

Sample Id:	**SL-10 @ 1.5'**	Matrix:	Soil	Date Received:	01.10.2020 11:19
Lab Sample Id:	648654-010	Date Collected:	01.09.2020 12:55	Sample Depth:	1.5 ft

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	01.16.2020 11:00	Basis:	Wet Weight
Seq Number:	3113633				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**2840**	50.0	mg/kg	01.16.2020 17:25		1
Diesel Range Organics (DRO)	C10C28DRO	**5790**	50.0	mg/kg	01.16.2020 17:25		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**520**	50.0	mg/kg	01.16.2020 17:25		1
Total TPH	PHC635	**9150**	50.0	mg/kg	01.16.2020 17:25		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	124	%	70-135	01.16.2020 17:25	
o-Terphenyl	84-15-1	102	%	70-135	01.16.2020 17:25	

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	01.20.2020 17:00	Basis:	Wet Weight
Seq Number:	3113912				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	**0.275**	0.202	mg/kg	01.21.2020 11:12		100
Toluene	108-88-3	**9.59**	0.202	mg/kg	01.21.2020 11:12		100
Ethylbenzene	100-41-4	**4.05**	0.202	mg/kg	01.21.2020 11:12		100
m,p-Xylenes	179601-23-1	**36.1**	0.403	mg/kg	01.21.2020 11:12		100
o-Xylene	95-47-6	**10.5**	0.202	mg/kg	01.21.2020 11:12		100
Total Xylenes	1330-20-7	**46.6**	0.202	mg/kg	01.21.2020 11:12		100
Total BTEX		**60.5**	0.202	mg/kg	01.21.2020 11:12		100

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	187	%	70-130	01.21.2020 11:12	**
1,4-Difluorobenzene	540-36-3	95	%	70-130	01.21.2020 11:12	

Certificate of Analytical Results 648654

GHD Services, INC- Midland, Midland, TX

Enlink Falcon

Sample Id:	**SL-11 @ 1.5'**	Matrix:	Soil	Date Received:	01.10.2020 11:19
Lab Sample Id:	648654-011	Date Collected:	01.09.2020 13:05	Sample Depth:	1.5 ft

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	01.16.2020 11:00	Basis:	Wet Weight
Seq Number:	3113633				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**4470**	250	mg/kg	01.16.2020 17:46		5
Diesel Range Organics (DRO)	C10C28DRO	**9700**	250	mg/kg	01.16.2020 17:46		5
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**904**	250	mg/kg	01.16.2020 17:46		5
Total TPH	PHC635	**15100**	250	mg/kg	01.16.2020 17:46		5

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	125	%	70-135	01.16.2020 17:46	
o-Terphenyl	84-15-1	111	%	70-135	01.16.2020 17:46	

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	01.20.2020 17:00	Basis:	Wet Weight
Seq Number:	3113912				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.198	0.198	mg/kg	01.21.2020 11:32	U	100
Toluene	108-88-3	**5.92**	0.198	mg/kg	01.21.2020 11:32		100
Ethylbenzene	100-41-4	**3.37**	0.198	mg/kg	01.21.2020 11:32		100
m,p-Xylenes	179601-23-1	**36.8**	0.397	mg/kg	01.21.2020 11:32		100
o-Xylene	95-47-6	**11.1**	0.198	mg/kg	01.21.2020 11:32		100
Total Xylenes	1330-20-7	**47.9**	0.198	mg/kg	01.21.2020 11:32		100
Total BTEX		**57.2**	0.198	mg/kg	01.21.2020 11:32		100

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	200	%	70-130	01.21.2020 11:32	**
1,4-Difluorobenzene	540-36-3	96	%	70-130	01.21.2020 11:32	

Certificate of Analytical Results 648654

GHD Services, INC- Midland, Midland, TX

Enlink Falcon

Sample Id:	**SL-12 @ 1.5'**	Matrix:	Soil	Date Received:	01.10.2020 11:19
Lab Sample Id:	648654-012	Date Collected:	01.09.2020 13:10	Sample Depth:	1.5 ft

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	01.16.2020 11:00	Basis:	Wet Weight
Seq Number:	3113633				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**2940**	49.9	mg/kg	01.16.2020 18:07		1
Diesel Range Organics (DRO)	C10C28DRO	**5600**	49.9	mg/kg	01.16.2020 18:07		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**477**	49.9	mg/kg	01.16.2020 18:07		1
Total TPH	PHC635	**9020**	49.9	mg/kg	01.16.2020 18:07		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	128	%	70-135	01.16.2020 18:07	
o-Terphenyl	84-15-1	110	%	70-135	01.16.2020 18:07	

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	01.20.2020 17:00	Basis:	Wet Weight
Seq Number:	3113912				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.199	0.199	mg/kg	01.21.2020 11:52	U	100
Toluene	108-88-3	**5.73**	0.199	mg/kg	01.21.2020 11:52		100
Ethylbenzene	100-41-4	**2.87**	0.199	mg/kg	01.21.2020 11:52		100
m,p-Xylenes	179601-23-1	**27.6**	0.398	mg/kg	01.21.2020 11:52		100
o-Xylene	95-47-6	**8.76**	0.199	mg/kg	01.21.2020 11:52		100
Total Xylenes	1330-20-7	**36.4**	0.199	mg/kg	01.21.2020 11:52		100
Total BTEX		**45.0**	0.199	mg/kg	01.21.2020 11:52		100

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	189	%	70-130	01.21.2020 11:52	**
1,4-Difluorobenzene	540-36-3	100	%	70-130	01.21.2020 11:52	

Certificate of Analytical Results 648654

GHD Services, INC- Midland, Midland, TX

Enlink Falcon

Sample Id:	**SL-13 @ 1.5'**	Matrix:	Soil	Date Received:	01.10.2020 11:19
Lab Sample Id:	648654-013	Date Collected:	01.09.2020 13:15	Sample Depth:	1.5 ft

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	01.16.2020 11:00	Basis:	Wet Weight
Seq Number:	3113633				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**167**	49.9	mg/kg	01.16.2020 18:28		1
Diesel Range Organics (DRO)	C10C28DRO	**614**	49.9	mg/kg	01.16.2020 18:28		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**78.4**	49.9	mg/kg	01.16.2020 18:28		1
Total TPH	PHC635	**859**	49.9	mg/kg	01.16.2020 18:28		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	116	%	70-135	01.16.2020 18:28	
o-Terphenyl	84-15-1	118	%	70-135	01.16.2020 18:28	

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	01.20.2020 17:00	Basis:	Wet Weight
Seq Number:	3113912				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	01.21.2020 12:12	U	1
Toluene	108-88-3	**0.00613**	0.00199	mg/kg	01.21.2020 12:12		1
Ethylbenzene	100-41-4	**0.0224**	0.00199	mg/kg	01.21.2020 12:12		1
m,p-Xylenes	179601-23-1	**0.342**	0.00398	mg/kg	01.21.2020 12:12		1
o-Xylene	95-47-6	**0.136**	0.00199	mg/kg	01.21.2020 12:12		1
Total Xylenes	1330-20-7	**0.478**	0.00199	mg/kg	01.21.2020 12:12		1
Total BTEX		**0.507**	0.00199	mg/kg	01.21.2020 12:12		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	91	%	70-130	01.21.2020 12:12	
4-Bromofluorobenzene	460-00-4	233	%	70-130	01.21.2020 12:12	**

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GHD Services, INC- Midland, Midland, TX

Enlink Falcon

Sample Id:	**SL-14 @ 1.5'**	Matrix:	Soil	Date Received:	01.10.2020 11:19
Lab Sample Id:	648654-014	Date Collected:	01.09.2020 13:20	Sample Depth:	1.5 ft

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	01.16.2020 11:00	Basis:	Wet Weight
Seq Number:	3113633				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**7430**	250	mg/kg	01.16.2020 18:49		5
Diesel Range Organics (DRO)	C10C28DRO	**12900**	250	mg/kg	01.16.2020 18:49		5
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**1140**	250	mg/kg	01.16.2020 18:49		5
Total TPH	PHC635	**21500**	250	mg/kg	01.16.2020 18:49		5

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	130	%	70-135	01.16.2020 18:49	
o-Terphenyl	84-15-1	124	%	70-135	01.16.2020 18:49	

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	01.20.2020 17:00	Basis:	Wet Weight
Seq Number:	3113912				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	**0.584**	0.200	mg/kg	01.21.2020 12:32		100
Toluene	108-88-3	**19.4**	0.200	mg/kg	01.21.2020 12:32		100
Ethylbenzene	100-41-4	**6.61**	0.200	mg/kg	01.21.2020 12:32		100
m,p-Xylenes	179601-23-1	**52.4**	0.400	mg/kg	01.21.2020 12:32		100
o-Xylene	95-47-6	**15.6**	0.200	mg/kg	01.21.2020 12:32		100
Total Xylenes	1330-20-7	**68.0**	0.200	mg/kg	01.21.2020 12:32		100
Total BTEX		**94.6**	0.200	mg/kg	01.21.2020 12:32		100

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	224	%	70-130	01.21.2020 12:32	**
1,4-Difluorobenzene	540-36-3	101	%	70-130	01.21.2020 12:32	

Certificate of Analytical Results 648654

GHD Services, INC- Midland, Midland, TX

Enlink Falcon

Sample Id:	**SL-15 @ 1.5'**	Matrix:	Soil	Date Received:	01.10.2020 11:19
Lab Sample Id:	648654-015	Date Collected:	01.09.2020 13:25	Sample Depth:	1.5 ft

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	01.16.2020 11:00	Basis:	Wet Weight
Seq Number:	3113633				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**2510**	249	mg/kg	01.16.2020 19:10		5
Diesel Range Organics (DRO)	C10C28DRO	**6280**	249	mg/kg	01.16.2020 19:10		5
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**581**	249	mg/kg	01.16.2020 19:10		5
Total TPH	PHC635	**9370**	249	mg/kg	01.16.2020 19:10		5

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	128	%	70-135	01.16.2020 19:10	
o-Terphenyl	84-15-1	119	%	70-135	01.16.2020 19:10	

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	01.20.2020 17:00	Basis:	Wet Weight
Seq Number:	3113912				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.202	0.202	mg/kg	01.21.2020 12:52	U	100
Toluene	108-88-3	**1.21**	0.202	mg/kg	01.21.2020 12:52		100
Ethylbenzene	100-41-4	**1.34**	0.202	mg/kg	01.21.2020 12:52		100
m,p-Xylenes	179601-23-1	**14.3**	0.403	mg/kg	01.21.2020 12:52		100
o-Xylene	95-47-6	**4.81**	0.202	mg/kg	01.21.2020 12:52		100
Total Xylenes	1330-20-7	**19.1**	0.202	mg/kg	01.21.2020 12:52		100
Total BTEX		**21.7**	0.202	mg/kg	01.21.2020 12:52		100

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	158	%	70-130	01.21.2020 12:52	**
1,4-Difluorobenzene	540-36-3	93	%	70-130	01.21.2020 12:52	

Flagging Criteria

X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.

D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

F RPD exceeded lab control limits.

J The target analyte was positively identified below the quantitation limit and above the detection limit.

U Analyte was not detected.

L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

K Sample analyzed outside of recommended hold time.

JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

** Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit. **ND** Not Detected.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

SMP Client Sample **BLK** Method Blank

BKS/LCS Blank Spike/Laboratory Control Sample **BKSD/LCSD** Blank Spike Duplicate/Laboratory Control Sample Duplicate

MD/SD Method Duplicate/Sample Duplicate **MS** Matrix Spike **MSD:** Matrix Spike Duplicate

+ NELAC certification not offered for this compound.

* (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

QC Summary 648654

GHD Services, INC- Midland

Enlink Falcon

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3113633 — Matrix: Solid — Date Prep: 01.16.2020
MB Sample Id: 7694529-1-BLK — LCS Sample Id: 7694529-1-BKS — LCSD Sample Id: 7694529-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<15.0	1000	1050	105	1030	103	70-135	2	20	mg/kg	01.16.2020 11:09	
Diesel Range Organics (DRO)	<15.0	1000	948	95	921	92	70-135	3	20	mg/kg	01.16.2020 11:09	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	106		115		111		70-135	%	01.16.2020 11:09
o-Terphenyl	113		112		108		70-135	%	01.16.2020 11:09

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3113633 — Matrix: Solid — Date Prep: 01.16.2020
MB Sample Id: 7694529-1-BLK

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	01.16.2020 10:48	

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3113633 — Matrix: Soil — Date Prep: 01.16.2020
Parent Sample Id: 648839-001 — MS Sample Id: 648839-001 S — MSD Sample Id: 648839-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	58.0	997	970	91	1020	96	70-135	5	20	mg/kg	01.16.2020 12:11	
Diesel Range Organics (DRO)	423	997	1320	90	1330	91	70-135	1	20	mg/kg	01.16.2020 12:11	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	106		111		70-135	%	01.16.2020 12:11
o-Terphenyl	90		109		70-135	%	01.16.2020 12:11

Analytical Method: BTEX by EPA 8021B — Prep Method: SW5030B
Seq Number: 3113778 — Matrix: Solid — Date Prep: 01.18.2020
MB Sample Id: 7694719-1-BLK — LCS Sample Id: 7694719-1-BKS — LCSD Sample Id: 7694719-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.000385	0.100	0.101	101	0.104	104	70-130	3	35	mg/kg	01.19.2020 07:53	
Toluene	0.00193	0.100	0.0945	95	0.0928	93	70-130	2	35	mg/kg	01.19.2020 07:53	
Ethylbenzene	<0.000565	0.100	0.0849	85	0.0851	85	70-130	0	35	mg/kg	01.19.2020 07:53	
m,p-Xylenes	0.00137	0.200	0.166	83	0.166	83	70-130	0	35	mg/kg	01.19.2020 07:53	
o-Xylene	<0.000344	0.100	0.0858	86	0.0856	86	70-130	0	35	mg/kg	01.19.2020 07:53	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	109		109		111		70-130	%	01.19.2020 07:53
4-Bromofluorobenzene	81		91		89		70-130	%	01.19.2020 07:53

MS/MSD Percent Recovery — [D] = 100*(C-A) / B — LCS = Laboratory Control Sample — MS = Matrix Spike
Relative Percent Difference — RPD = 200* | (C-E) / (C+E) | — A = Parent Result — B = Spike Added
LCS/LCSD Recovery — [D] = 100 * (C) / [B] — C = MS/LCS Result — D = MSD/LCSD % Rec
Log Difference — Log Diff. = Log(Sample Duplicate) - Log(Original Sample) — E = MSD/LCSD Result

QC Summary 648654

GHD Services, INC- Midland

Enlink Falcon

Analytical Method: **BTEX by EPA 8021B** Prep Method: SW5030B
Seq Number: 3113912 Matrix: Solid Date Prep: 01.20.2020
MB Sample Id: 7694758-1-BLK LCS Sample Id: 7694758-1-BKS LCSD Sample Id: 7694758-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.000385	0.100	0.110	110	0.114	114	70-130	4	35	mg/kg	01.21.2020 03:32	
Toluene	<0.000456	0.100	0.0955	96	0.0995	100	70-130	4	35	mg/kg	01.21.2020 03:32	
Ethylbenzene	<0.000565	0.100	0.0882	88	0.0916	92	70-130	4	35	mg/kg	01.21.2020 03:32	
m,p-Xylenes	<0.00101	0.200	0.171	86	0.179	90	70-130	5	35	mg/kg	01.21.2020 03:32	
o-Xylene	<0.000344	0.100	0.0865	87	0.0902	90	70-130	4	35	mg/kg	01.21.2020 03:32	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	103		105		106		70-130	%	01.21.2020 03:32
4-Bromofluorobenzene	74		89		91		70-130	%	01.21.2020 03:32

Analytical Method: **BTEX by EPA 8021B** Prep Method: SW5030B
Seq Number: 3113778 Matrix: Soil Date Prep: 01.18.2020
Parent Sample Id: 648654-001 MS Sample Id: 648654-001 S MSD Sample Id: 648654-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	0.000803	0.0998	0.0717	71	0.0469	46	70-130	42	35	mg/kg	01.19.2020 08:34	XF
Toluene	0.00422	0.0998	0.0730	69	0.0554	51	70-130	27	35	mg/kg	01.19.2020 08:34	X
Ethylbenzene	0.00479	0.0998	0.0790	74	0.0480	43	70-130	49	35	mg/kg	01.19.2020 08:34	XF
m,p-Xylenes	0.0833	0.200	0.373	145	0.170	43	70-130	75	35	mg/kg	01.19.2020 08:34	XF
o-Xylene	0.0392	0.0998	0.163	124	0.0838	45	70-130	64	35	mg/kg	01.19.2020 08:34	XF

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	95		103		70-130	%	01.19.2020 08:34
4-Bromofluorobenzene	169	**	122		70-130	%	01.19.2020 08:34

Analytical Method: **BTEX by EPA 8021B** Prep Method: SW5030B
Seq Number: 3113912 Matrix: Soil Date Prep: 01.20.2020
Parent Sample Id: 649557-001 MS Sample Id: 649557-001 S MSD Sample Id: 649557-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.000386	0.100	0.104	104	0.105	105	70-130	1	35	mg/kg	01.21.2020 04:12	
Toluene	0.000790	0.100	0.0912	90	0.0917	91	70-130	1	35	mg/kg	01.21.2020 04:12	
Ethylbenzene	<0.000567	0.100	0.0819	82	0.0818	82	70-130	0	35	mg/kg	01.21.2020 04:12	
m,p-Xylenes	<0.00102	0.201	0.158	79	0.157	79	70-130	1	35	mg/kg	01.21.2020 04:12	
o-Xylene	0.000550	0.100	0.0798	79	0.0796	79	70-130	0	35	mg/kg	01.21.2020 04:12	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	111		110		70-130	%	01.21.2020 04:12
4-Bromofluorobenzene	97		95		70-130	%	01.21.2020 04:12

MS/MSD Percent Recovery [D] = 100*(C-A) / B
Relative Percent Difference RPD = 200* | (C-E) / (C+E) |
LCS/LCSD Recovery [D] = 100 * (C) / [B]
Log Difference Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
A = Parent Result
C = MS/LCS Result
E = MSD/LCSD Result

MS = Matrix Spike
B = Spike Added
D = MSD/LCSD % Rec

Page 97 of 821

XENCO LABORATORIES

Chain of Custody

Work Order No: 104905Y

Houston,TX (281) 240-4200 Dallas,TX (214) 902-0300 San Antonio,TX (210) 509-3334
Midland,TX (432-704-5440) EL Paso,TX (915)585-3443 Lubbock,TX (806)794-1296
Hobbs,NM (575-392-7550) Phoenix,AZ (480-355-0900) Atlanta,GA (770-449-8800) Tampa,FL (813-620-2000)

www.xenco.com Page 1 of 2

Project Manager:	Tom Larson	Bill to: (if different)	GHD Midland
Company Name:	GHD	Company Name:	
Address:		Address:	
City, State ZIP:	Midland TX	City, State ZIP:	
Phone:		Email:	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting:Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	EnLink Falcon	Turn Around	
Project Number:	11205561	Routine	☑
P.O. Number:	See 4400	Rush:	
Sampler's Name:	Tom Larson	Due Date:	

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No	
Temperature (°C):	3.3	Thermometer ID:	IR 6	
Received Intact:	(Yes) No			
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	0	
Sample Custody Seals:	Yes No N/A	Total Containers:		

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth in ft	Number of Containers	BTEX 8021B	TPH 8015mod
SL-1@1'	S	1-9-20	1200	1	1	X	X
SL-2@2'			1205	2			
SL-3@2'			1210	2			
SL-4@2.5'			1220	2.5			
SL-5@2'			1230	2			
SL-6@2'			1235	2			
SL-7@1.5'			1240	1.5			
SL-8@1.5'			1245	1.5			
SL-9@1'			1250	1			
SL-10@1.5			1255	1.5			

ANALYSIS REQUEST

Work Order Notes

New Mexico (Eddy Co Site)

req (5 day) TAT

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

Sample Comments

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010**: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U **1631 / 245.1 / 7470 / 7471** : Hg

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 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 $75.00 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
1 Tom Larson		1/10/20	2		
3			4		
5		1119	6		

Revised Date 051418 Rev. 2018.1

Received by OCD: 9/14/2021 1:19:38 PM
Released to Imaging: 1/6/2022 8:12:55 AM
Final 1.000
Page 26 of 28

Page 98 of 821

XENCO LABORATORIES

Chain of Custody

Work Order No: 604684

Houston,TX (281) 240-4200 Dallas,TX (214) 902-0300 San Antonio,TX (210) 509-3334
Midland,TX (432-704-5440) EL Paso,TX (915)585-3443 Lubbock,TX (806)794-1296
Hobbs,NM (575-392-7550) Phoenix,AZ (480-355-0900) Atlanta,GA (770-449-8800) Tampa,FL (813-620-2000)

www.xenco.com Page 2 of 2

Project Manager:		Bill to: (if different)	
Company Name:		Company Name:	
Address:		Address:	
City, State ZIP:		City, State ZIP:	
Phone:	Email:		

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting:Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:		Turn Around	
Project Number:		Routine ☐	
P.O. Number:		Rush:	
Sampler's Name:		Due Date:	

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No	
Temperature (°C):	5.3	Thermometer ID	D8	
Received Intact:	(Yes) No			
Cooler Custody Seals:	Yes No ~~N/A~~	Correction Factor:	0	
Sample Custody Seals:	Yes No N/A	Total Containers:		

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth m-ft.	Number of Containers	BTEX 8021B	TPH 8015 mod
SL-11@ 1.5'	S	1-4-20	1305	1.5		X	X
SL-12@ 1.5'			1310				
SL-13@ 1.5'			1315				
SL-14@ 1.5'			1320				
SL-15@ 1.5'			1325				

Work Order Notes

rev. TAT
NewMexico

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

Sample Comments

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010**: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U **1631 / 245.1 / 7470 / 7471** : Hg

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 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 $75.00 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
1 Tonlagn		1/6/20 1114	2		
3			4		
5			6		

Revised Date 051418 Rev. 2018.1

Received by OCD: 9/14/2021 1:19:38 PM
Released to Imaging: 1/6/2022 8:12:55 AM
Final 1.000
Page 27 of 28

XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Client: GHD Services, INC- Midland

Date/ Time Received: 01.10.2020 11.19.00 AM

Work Order #: 648654

Acceptable Temperature Range: 0 - 6 degC
Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : R8

Sample Receipt Checklist	Comments
#1 *Temperature of cooler(s)?	3.3
#2 *Shipping container in good condition?	**Yes**
#3 *Samples received on ice?	**Yes**
#4 *Custody Seals intact on shipping container/ cooler?	**N/A**
#5 Custody Seals intact on sample bottles?	**N/A**
#6*Custody Seals Signed and dated?	**N/A**
#7 *Chain of Custody present?	**Yes**
#8 Any missing/extra samples?	**No**
#9 Chain of Custody signed when relinquished/ received?	**Yes**
#10 Chain of Custody agrees with sample labels/matrix?	**Yes**
#11 Container label(s) legible and intact?	**Yes**
#12 Samples in proper container/ bottle?	**Yes**
#13 Samples properly preserved?	**Yes**
#14 Sample container(s) intact?	**Yes**
#15 Sufficient sample amount for indicated test(s)?	**Yes**
#16 All samples received within hold time?	**Yes**
#17 Subcontract of sample(s)?	**N/A**
#18 Water VOC samples have zero headspace?	**N/A**

*** Must be completed for after-hours delivery of samples prior to placing in the refrigerator**

Analyst: PH Device/Lot#:

Checklist completed by: Brianna Teel Date: 01.10.2020

Brianna Teel

Checklist reviewed by: Debbie Simmons Date: 01.13.2020

Debbie Simmons

Certificate of Analysis Summary 652071

GHD Services, INC- Midland, Midland, TX

Project Name: Enlink Falcon

Project Id: 11205561
Contact: Tom Larson
Project Location: Eddy County, NM

Date Received in Lab: Wed 02.12.2020 09:04
Report Date: 02.19.2020 15:11
Project Manager: Debbie Simmons

Analysis Requested													
	Lab Id:	652071-001		652071-002		652071-003		652071-004		652071-005		652071-006	
	Field Id:	ES-1		ES-2		ES-3		ES-4		ES-5		ES-6	
	Depth:	1- ft		1- ft		1- ft		1- ft		1- ft		1- ft	
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	02.11.2020 12:00		02.11.2020 12:10		02.11.2020 12:20		02.11.2020 12:30		02.11.2020 12:40		02.11.2020 12:50	
BTEX by EPA 8021B	***Extracted:***	02.12.2020 10:15		02.12.2020 10:15		02.12.2020 10:15		02.12.2020 10:15		02.12.2020 10:15		02.12.2020 10:15	
	Analyzed:	02.12.2020 18:03		02.12.2020 18:23		02.12.2020 18:44		02.12.2020 19:05		02.12.2020 19:25		02.12.2020 19:46	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		<0.00198	0.00198	<0.00199	0.00199	<0.00199	0.00199	<0.00198	0.00198	<0.00202	0.00202	<0.00200	0.00200
Toluene		<0.00198	0.00198	<0.00199	0.00199	<0.00199	0.00199	<0.00198	0.00198	<0.00202	0.00202	<0.00200	0.00200
Ethylbenzene		<0.00198	0.00198	<0.00199	0.00199	<0.00199	0.00199	<0.00198	0.00198	<0.00202	0.00202	<0.00200	0.00200
m,p-Xylenes		<0.00397	0.00397	<0.00398	0.00398	<0.00398	0.00398	<0.00397	0.00397	<0.00403	0.00403	<0.00401	0.00401
o-Xylene		<0.00198	0.00198	<0.00199	0.00199	<0.00199	0.00199	<0.00198	0.00198	<0.00202	0.00202	<0.00200	0.00200
Total Xylenes		<0.00198	0.00198	<0.00199	0.00199	<0.00199	0.00199	<0.00198	0.00198	<0.00202	0.00202	<0.00200	0.00200
Total BTEX		<0.00198	0.00198	<0.00199	0.00199	<0.00199	0.00199	<0.00198	0.00198	<0.00202	0.00202	<0.00200	0.00200
TPH By SW8015 Mod	***Extracted:***	02.12.2020 15:00		02.12.2020 15:00		02.12.2020 15:00		02.12.2020 15:00		02.12.2020 15:00		02.12.2020 15:00	
	Analyzed:	02.12.2020 16:10		02.12.2020 15:14		02.12.2020 16:29		02.12.2020 16:47		02.12.2020 17:06		02.12.2020 17:25	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<50.0	50.0	<50.0	50.0	<49.9	49.9	<49.8	49.8	<50.0	50.0	<49.9	49.9
Diesel Range Organics (DRO)		<50.0	50.0	<50.0	50.0	<49.9	49.9	<49.8	49.8	<50.0	50.0	<49.9	49.9
Motor Oil Range Hydrocarbons (MRO)		<50.0	50.0	<50.0	50.0	<49.9	49.9	<49.8	49.8	<50.0	50.0	<49.9	49.9
Total TPH		<50.0	50.0	<50.0	50.0	<49.9	49.9	<49.8	49.8	<50.0	50.0	<49.9	49.9

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use.
The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories.
XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented.
Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

Debbie Simmons
Project Manager

Certificate of Analysis Summary 652071

GHD Services, INC- Midland, Midland, TX

Project Name: Enlink Falcon

Project Id: 11205561
Contact: Tom Larson
Project Location: Eddy County, NM

Date Received in Lab: Wed 02.12.2020 09:04
Report Date: 02.19.2020 15:11
Project Manager: Debbie Simmons

Analysis Requested													
	Lab Id:	652071-007		652071-008		652071-009		652071-010					
	Field Id:	ES-7		ES-8		ES-9		ES-10					
	Depth:	1- ft		1- ft		1- ft		1- ft					
	Matrix:	SOIL		SOIL		SOIL		SOIL					
	Sampled:	02.11.2020 13:00		02.11.2020 13:10		02.11.2020 13:20		02.11.2020 13:30					
BTEX by EPA 8021B	***Extracted:***	02.12.2020 10:15		02.12.2020 10:15		02.12.2020 10:15		02.12.2020 10:15					
	Analyzed:	02.12.2020 20:06		02.12.2020 20:27		02.12.2020 20:48		02.12.2020 21:09					
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL				
Benzene		<0.00201	0.00201	<0.00201	0.00201	<0.00200	0.00200	<0.00201	0.00201				
Toluene		<0.00201	0.00201	<0.00201	0.00201	<0.00200	0.00200	<0.00201	0.00201				
Ethylbenzene		<0.00201	0.00201	<0.00201	0.00201	<0.00200	0.00200	<0.00201	0.00201				
m,p-Xylenes		<0.00402	0.00402	<0.00402	0.00402	<0.00400	0.00400	<0.00402	0.00402				
o-Xylene		<0.00201	0.00201	<0.00201	0.00201	<0.00200	0.00200	<0.00201	0.00201				
Total Xylenes		<0.00201	0.00201	<0.00201	0.00201	<0.00200	0.00200	<0.00201	0.00201				
Total BTEX		<0.00201	0.00201	<0.00201	0.00201	<0.00200	0.00200	<0.00201	0.00201				
TPH By SW8015 Mod	***Extracted:***	02.12.2020 15:00		02.12.2020 15:00		02.12.2020 15:00		02.12.2020 15:00					
	Analyzed:	02.12.2020 17:43		02.12.2020 18:02		02.12.2020 18:20		02.12.2020 18:38					
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL				
Gasoline Range Hydrocarbons (GRO)		<49.8	49.8	<50.0	50.0	<49.9	49.9	<49.9	49.9				
Diesel Range Organics (DRO)		848	49.8	<50.0	50.0	<49.9	49.9	<49.9	49.9				
Motor Oil Range Hydrocarbons (MRO)		120	49.8	<50.0	50.0	<49.9	49.9	<49.9	49.9				
Total TPH		968	49.8	<50.0	50.0	<49.9	49.9	<49.9	49.9				

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use.
The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories.
XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented.
Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

Debbie Simmons
Project Manager

Analytical Report 652071

for

GHD Services, INC- Midland

Project Manager: Tom Larson

Enlink Falcon

11205561

02.19.2020

Collected By: Client

1211 W. Florida Ave
Midland TX 79701

Xenco-Houston (EPA Lab Code: TX00122):
Texas (T104704215-19-30), Arizona (AZ0765), Florida (E871002-24), Louisiana (03054)
Oklahoma (2019-058), North Carolina (681), Arkansas (19-037-0)

Xenco-Dallas (EPA Lab Code: TX01468):
Texas (TX104704295-19-22), Arizona (AZ0809), Arkansas (17-063-0)

Xenco-El Paso (EPA Lab Code: TX00127): Texas (T104704221-19-16)
Xenco-Lubbock (EPA Lab Code: TX00139): Texas (T104704219-19-21)
Xenco-Midland (EPA Lab Code: TX00158): Texas (T104704400-19-19)
Xenco-Carlsbad (LELAP): Louisiana (05092)
Xenco-San Antonio (EPA Lab Code: TNI02385): Texas (T104704534-19-5)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona (AZ0757)
Xenco-Tampa: Florida (E87429), North Carolina (483)

02.19.2020

Project Manager: **Tom Larson**
GHD Services, INC- Midland
2135 S Loop 250 W
Midland, TX 79703

Reference: XENCO Report No(s): **652071**
Enlink Falcon
Project Address: Eddy County, NM

Tom Larson:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 652071. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 652071 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Debbie Simmons

Debbie Simmons
Project Manager

A Small Business and Minority Company

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

Sample Cross Reference 652071

GHD Services, INC- Midland, Midland, TX

Enlink Falcon

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
ES-1	S	02.11.2020 12:00	1 ft	652071-001
ES-2	S	02.11.2020 12:10	1 ft	652071-002
ES-3	S	02.11.2020 12:20	1 ft	652071-003
ES-4	S	02.11.2020 12:30	1 ft	652071-004
ES-5	S	02.11.2020 12:40	1 ft	652071-005
ES-6	S	02.11.2020 12:50	1 ft	652071-006
ES-7	S	02.11.2020 13:00	1 ft	652071-007
ES-8	S	02.11.2020 13:10	1 ft	652071-008
ES-9	S	02.11.2020 13:20	1 ft	652071-009
ES-10	S	02.11.2020 13:30	1 ft	652071-010

CASE NARRATIVE

Client Name: GHD Services, INC- Midland

Project Name: Enlink Falcon

Project ID: *11205561*
Work Order Number(s): *652071*

Report Date: *02.19.2020*
Date Received: *02.12.2020*

Sample receipt non conformances and comments:

% moisture on COC but is not required.

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-3116350 BTEX by EPA 8021B

Soil samples were not received in Terracore kits and therefore were prepared by method 5030.

Certificate of Analytical Results 652071

GHD Services, INC- Midland, Midland, TX

Enlink Falcon

Sample Id:	**ES-1**	Matrix:	Soil	Date Received:	02.12.2020 09:04
Lab Sample Id:	652071-001	Date Collected:	02.11.2020 12:00	Sample Depth:	1 ft

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	02.12.2020 15:00	Basis:	Wet Weight
Seq Number:	3116335				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	02.12.2020 16:10	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	02.12.2020 16:10	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	02.12.2020 16:10	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	02.12.2020 16:10	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	79	%	70-135	02.12.2020 16:10	
o-Terphenyl	84-15-1	80	%	70-135	02.12.2020 16:10	

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	02.12.2020 10:15	Basis:	Wet Weight
Seq Number:	3116350				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	02.12.2020 18:03	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	02.12.2020 18:03	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	02.12.2020 18:03	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	02.12.2020 18:03	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	02.12.2020 18:03	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	02.12.2020 18:03	U	1
Total BTEX		<0.00198	0.00198	mg/kg	02.12.2020 18:03	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	102	%	70-130	02.12.2020 18:03	
1,4-Difluorobenzene	540-36-3	96	%	70-130	02.12.2020 18:03	

Certificate of Analytical Results 652071

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Sample Id:	**ES-2**	Matrix:	Soil	Date Received:	02.12.2020 09:04
Lab Sample Id:	652071-002	Date Collected:	02.11.2020 12:10	Sample Depth:	1 ft

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	02.12.2020 15:00	Basis:	Wet Weight
Seq Number:	3116335				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	02.12.2020 15:14	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	02.12.2020 15:14	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	02.12.2020 15:14	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	02.12.2020 15:14	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	70	%	70-135	02.12.2020 15:14	
o-Terphenyl	84-15-1	70	%	70-135	02.12.2020 15:14	

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	02.12.2020 10:15	Basis:	Wet Weight
Seq Number:	3116350				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	02.12.2020 18:23	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	02.12.2020 18:23	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	02.12.2020 18:23	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	02.12.2020 18:23	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	02.12.2020 18:23	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	02.12.2020 18:23	U	1
Total BTEX		<0.00199	0.00199	mg/kg	02.12.2020 18:23	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	95	%	70-130	02.12.2020 18:23	
4-Bromofluorobenzene	460-00-4	100	%	70-130	02.12.2020 18:23	

Certificate of Analytical Results 652071

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Sample Id:	**ES-3**	Matrix:	Soil	Date Received:	02.12.2020 09:04
Lab Sample Id:	652071-003	Date Collected:	02.11.2020 12:20	Sample Depth:	1 ft

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	02.12.2020 15:00	Basis:	Wet Weight
Seq Number:	3116335				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	02.12.2020 16:29	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	02.12.2020 16:29	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	02.12.2020 16:29	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	02.12.2020 16:29	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	75	%	70-135	02.12.2020 16:29	
o-Terphenyl	84-15-1	76	%	70-135	02.12.2020 16:29	

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	02.12.2020 10:15	Basis:	Wet Weight
Seq Number:	3116350				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	02.12.2020 18:44	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	02.12.2020 18:44	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	02.12.2020 18:44	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	02.12.2020 18:44	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	02.12.2020 18:44	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	02.12.2020 18:44	U	1
Total BTEX		<0.00199	0.00199	mg/kg	02.12.2020 18:44	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	102	%	70-130	02.12.2020 18:44	
1,4-Difluorobenzene	540-36-3	96	%	70-130	02.12.2020 18:44	

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Sample Id:	**ES-4**	Matrix:	Soil	Date Received:	02.12.2020 09:04
Lab Sample Id:	652071-004	Date Collected:	02.11.2020 12:30	Sample Depth:	1 ft

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	02.12.2020 15:00	Basis:	Wet Weight
Seq Number:	3116335				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	02.12.2020 16:47	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	02.12.2020 16:47	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	02.12.2020 16:47	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	02.12.2020 16:47	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	73	%	70-135	02.12.2020 16:47	
o-Terphenyl	84-15-1	74	%	70-135	02.12.2020 16:47	

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	02.12.2020 10:15	Basis:	Wet Weight
Seq Number:	3116350				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	02.12.2020 19:05	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	02.12.2020 19:05	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	02.12.2020 19:05	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	02.12.2020 19:05	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	02.12.2020 19:05	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	02.12.2020 19:05	U	1
Total BTEX		<0.00198	0.00198	mg/kg	02.12.2020 19:05	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	96	%	70-130	02.12.2020 19:05	
4-Bromofluorobenzene	460-00-4	102	%	70-130	02.12.2020 19:05	

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Sample Id:	**ES-5**	Matrix:	Soil	Date Received:	02.12.2020 09:04
Lab Sample Id:	652071-005	Date Collected:	02.11.2020 12:40	Sample Depth:	1 ft

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	02.12.2020 15:00	Basis:	Wet Weight
Seq Number:	3116335				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	02.12.2020 17:06	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	02.12.2020 17:06	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	02.12.2020 17:06	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	02.12.2020 17:06	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	73	%	70-135	02.12.2020 17:06	
o-Terphenyl	84-15-1	74	%	70-135	02.12.2020 17:06	

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	02.12.2020 10:15	Basis:	Wet Weight
Seq Number:	3116350				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	02.12.2020 19:25	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	02.12.2020 19:25	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	02.12.2020 19:25	U	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	02.12.2020 19:25	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	02.12.2020 19:25	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	02.12.2020 19:25	U	1
Total BTEX		<0.00202	0.00202	mg/kg	02.12.2020 19:25	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	96	%	70-130	02.12.2020 19:25	
4-Bromofluorobenzene	460-00-4	102	%	70-130	02.12.2020 19:25	

Certificate of Analytical Results 652071

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Sample Id:	**ES-6**	Matrix:	Soil	Date Received:	02.12.2020 09:04
Lab Sample Id:	652071-006	Date Collected:	02.11.2020 12:50	Sample Depth:	1 ft

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	02.12.2020 15:00	Basis:	Wet Weight
Seq Number:	3116335				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	02.12.2020 17:25	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	02.12.2020 17:25	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	02.12.2020 17:25	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	02.12.2020 17:25	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	74	%	70-135	02.12.2020 17:25	
o-Terphenyl	84-15-1	74	%	70-135	02.12.2020 17:25	

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	02.12.2020 10:15	Basis:	Wet Weight
Seq Number:	3116350				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	02.12.2020 19:46	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	02.12.2020 19:46	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	02.12.2020 19:46	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	02.12.2020 19:46	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	02.12.2020 19:46	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	02.12.2020 19:46	U	1
Total BTEX		<0.00200	0.00200	mg/kg	02.12.2020 19:46	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	96	%	70-130	02.12.2020 19:46	
4-Bromofluorobenzene	460-00-4	100	%	70-130	02.12.2020 19:46	

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Sample Id:	**ES-7**	Matrix:	Soil	Date Received:	02.12.2020 09:04
Lab Sample Id:	652071-007	Date Collected:	02.11.2020 13:00	Sample Depth:	1 ft

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	02.12.2020 15:00	Basis:	Wet Weight
Seq Number:	3116335				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	02.12.2020 17:43	U	1
Diesel Range Organics (DRO)	C10C28DRO	**848**	49.8	mg/kg	02.12.2020 17:43		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**120**	49.8	mg/kg	02.12.2020 17:43		1
Total TPH	PHC635	**968**	49.8	mg/kg	02.12.2020 17:43		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	75	%	70-135	02.12.2020 17:43	
o-Terphenyl	84-15-1	90	%	70-135	02.12.2020 17:43	

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	02.12.2020 10:15	Basis:	Wet Weight
Seq Number:	3116350				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	02.12.2020 20:06	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	02.12.2020 20:06	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	02.12.2020 20:06	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	02.12.2020 20:06	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	02.12.2020 20:06	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	02.12.2020 20:06	U	1
Total BTEX		<0.00201	0.00201	mg/kg	02.12.2020 20:06	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	99	%	70-130	02.12.2020 20:06	
1,4-Difluorobenzene	540-36-3	96	%	70-130	02.12.2020 20:06	

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Sample Id:	**ES-8**	Matrix:	Soil	Date Received:	02.12.2020 09:04
Lab Sample Id:	652071-008	Date Collected:	02.11.2020 13:10	Sample Depth:	1 ft

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	02.12.2020 15:00	Basis:	Wet Weight
Seq Number:	3116335				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	02.12.2020 18:02	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	02.12.2020 18:02	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	02.12.2020 18:02	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	02.12.2020 18:02	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	72	%	70-135	02.12.2020 18:02	
o-Terphenyl	84-15-1	72	%	70-135	02.12.2020 18:02	

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	02.12.2020 10:15	Basis:	Wet Weight
Seq Number:	3116350				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	02.12.2020 20:27	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	02.12.2020 20:27	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	02.12.2020 20:27	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	02.12.2020 20:27	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	02.12.2020 20:27	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	02.12.2020 20:27	U	1
Total BTEX		<0.00201	0.00201	mg/kg	02.12.2020 20:27	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	102	%	70-130	02.12.2020 20:27	
1,4-Difluorobenzene	540-36-3	96	%	70-130	02.12.2020 20:27	

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Sample Id:	**ES-9**	Matrix:	Soil	Date Received:	02.12.2020 09:04
Lab Sample Id:	652071-009	Date Collected:	02.11.2020 13:20	Sample Depth:	1 ft

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	02.12.2020 15:00	Basis:	Wet Weight
Seq Number:	3116335				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	02.12.2020 18:20	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	02.12.2020 18:20	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	02.12.2020 18:20	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	02.12.2020 18:20	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	73	%	70-135	02.12.2020 18:20	
o-Terphenyl	84-15-1	74	%	70-135	02.12.2020 18:20	

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	02.12.2020 10:15	Basis:	Wet Weight
Seq Number:	3116350				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	02.12.2020 20:48	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	02.12.2020 20:48	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	02.12.2020 20:48	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	02.12.2020 20:48	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	02.12.2020 20:48	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	02.12.2020 20:48	U	1
Total BTEX		<0.00200	0.00200	mg/kg	02.12.2020 20:48	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	97	%	70-130	02.12.2020 20:48	
4-Bromofluorobenzene	460-00-4	109	%	70-130	02.12.2020 20:48	

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GHD Services, INC- Midland, Midland, TX

Enlink Falcon

Sample Id:	**ES-10**	Matrix:	Soil	Date Received:	02.12.2020 09:04
Lab Sample Id:	652071-010	Date Collected:	02.11.2020 13:30	Sample Depth:	1 ft

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	02.12.2020 15:00	Basis:	Wet Weight
Seq Number:	3116335				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	02.12.2020 18:38	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	02.12.2020 18:38	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	02.12.2020 18:38	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	02.12.2020 18:38	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	75	%	70-135	02.12.2020 18:38	
o-Terphenyl	84-15-1	74	%	70-135	02.12.2020 18:38	

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	02.12.2020 10:15	Basis:	Wet Weight
Seq Number:	3116350				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	02.12.2020 21:09	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	02.12.2020 21:09	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	02.12.2020 21:09	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	02.12.2020 21:09	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	02.12.2020 21:09	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	02.12.2020 21:09	U	1
Total BTEX		<0.00201	0.00201	mg/kg	02.12.2020 21:09	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	109	%	70-130	02.12.2020 21:09	
1,4-Difluorobenzene	540-36-3	96	%	70-130	02.12.2020 21:09	

Flagging Criteria

X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.

D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

F RPD exceeded lab control limits.

J The target analyte was positively identified below the quantitation limit and above the detection limit.

U Analyte was not detected.

L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

K Sample analyzed outside of recommended hold time.

JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

** Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit. **ND** Not Detected.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

SMP Client Sample **BLK** Method Blank

BKS/LCS Blank Spike/Laboratory Control Sample **BKSD/LCSD** Blank Spike Duplicate/Laboratory Control Sample Duplicate

MD/SD Method Duplicate/Sample Duplicate **MS** Matrix Spike **MSD:** Matrix Spike Duplicate

+ NELAC certification not offered for this compound.

***** (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

QC Summary 652071

GHD Services, INC- Midland

Enlink Falcon

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3116335 — Matrix: Solid — Date Prep: 02.12.2020
MB Sample Id: 7696510-1-BLK — LCS Sample Id: 7696510-1-BKS — LCSD Sample Id: 7696510-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<15.0	1000	886	89	883	88	70-135	0	20	mg/kg	02.12.2020 14:37	
Diesel Range Organics (DRO)	<15.0	1000	967	97	961	96	70-135	1	20	mg/kg	02.12.2020 14:37	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	79		97		98		70-135	%	02.12.2020 14:37
o-Terphenyl	81		94		91		70-135	%	02.12.2020 14:37

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3116335 — Matrix: Solid — Date Prep: 02.12.2020
MB Sample Id: 7696510-1-BLK

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	02.12.2020 14:18	

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3116335 — Matrix: Soil — Date Prep: 02.12.2020
Parent Sample Id: 652071-002 — MS Sample Id: 652071-002 S — MSD Sample Id: 652071-002 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<15.0	997	818	82	836	84	70-135	2	20	mg/kg	02.12.2020 15:33	
Diesel Range Organics (DRO)	22.5	997	915	90	932	91	70-135	2	20	mg/kg	02.12.2020 15:33	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	89		90		70-135	%	02.12.2020 15:33
o-Terphenyl	81		84		70-135	%	02.12.2020 15:33

Analytical Method: BTEX by EPA 8021B — Prep Method: SW5030B
Seq Number: 3116350 — Matrix: Solid — Date Prep: 02.12.2020
MB Sample Id: 7696472-1-BLK — LCS Sample Id: 7696472-1-BKS — LCSD Sample Id: 7696472-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.100	0.110	110	0.111	111	70-130	1	35	mg/kg	02.12.2020 15:15	
Toluene	<0.00200	0.100	0.101	101	0.102	102	70-130	1	35	mg/kg	02.12.2020 15:15	
Ethylbenzene	<0.00200	0.100	0.0961	96	0.0987	99	70-130	3	35	mg/kg	02.12.2020 15:15	
m,p-Xylenes	<0.00400	0.200	0.189	95	0.197	99	70-130	4	35	mg/kg	02.12.2020 15:15	
o-Xylene	<0.00200	0.100	0.0929	93	0.0964	96	70-130	4	35	mg/kg	02.12.2020 15:15	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	94		93		93		70-130	%	02.12.2020 15:15
4-Bromofluorobenzene	105		93		97		70-130	%	02.12.2020 15:15

MS/MSD Percent Recovery [D] = 100*(C-A) / B
Relative Percent Difference RPD = 200* | (C-E) / (C+E) |
LCS/LCSD Recovery [D] = 100 * (C) / [B]
Log Difference Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
A = Parent Result
C = MS/LCS Result
E = MSD/LCSD Result

MS = Matrix Spike
B = Spike Added
D = MSD/LCSD % Rec

QC Summary 652071

GHD Services, INC- Midland

Enlink Falcon

Analytical Method: **BTEX by EPA 8021B** Prep Method: SW5030B

Seq Number: 3116350 Matrix: Soil Date Prep: 02.12.2020

Parent Sample Id: 652071-001 MS Sample Id: 652071-001 S MSD Sample Id: 652071-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.0998	0.107	107	0.103	103	70-130	4	35	mg/kg	02.12.2020 16:10	
Toluene	<0.00200	0.0998	0.0989	99	0.0946	95	70-130	4	35	mg/kg	02.12.2020 16:10	
Ethylbenzene	<0.00200	0.0998	0.0964	97	0.0909	91	70-130	6	35	mg/kg	02.12.2020 16:10	
m,p-Xylenes	<0.00399	0.200	0.193	97	0.181	91	70-130	6	35	mg/kg	02.12.2020 16:10	
o-Xylene	<0.00200	0.0998	0.0942	94	0.0883	88	70-130	6	35	mg/kg	02.12.2020 16:10	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	94		94		70-130	%	02.12.2020 16:10
4-Bromofluorobenzene	100		97		70-130	%	02.12.2020 16:10

MS/MSD Percent Recovery [D] = 100*(C-A) / B
Relative Percent Difference RPD = 200* | (C-E) / (C+E) |
LCS/LCSD Recovery [D] = 100 * (C) / [B]
Log Difference Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
A = Parent Result
C = MS/LCS Result
E = MSD/LCSD Result

MS = Matrix Spike
B = Spike Added
D = MSD/LCSD % Rec

Page 119 of 821

CHAIN OF CUSTODY

Page 1 Of 1

XENCO LABORATORIES

Setting the Standard since 1990

Stafford,Texas (281-240-4200)

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Lakeland, Florida (863-646-8526)

Tampa, Florida (813-620-2000)

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Xenco Quote #

Xenco Job # 602071

Client / Reporting Information

Company Name / Branch: GHD / Midland

Company Address: 2135 S. Loop 250 West, Midland, TX 79703

Email: tom.larson@ghd.com

Phone No: 432-686-0086

Project Contact: Tom Larson

Samplers's Name Glenn Quinney/Matt Laughlin/Phillip Cole

Project Information

Project Name/Number: Enlink Falcon/11205561

Project Location: Eddy County NM

Invoice To:

PO Number:

Analytical Information

Matrix Codes

S = Soil/Sed/Solid
GW =Ground Water
DW = Drinking Water
P = Product
SW = Surface water
SL = Sludge
OW =Ocean/Sea Water
W = Wipe
O = Oil
WW= Waste Water
A = Air

No.	Field ID / Point of Collection	Collection: Sample Depth	Date	Time	Matrix	# of bottles	Number of preserved bottles: HCl	NaOH/Zn Acetate	HNO3	H2SO4	NaOH	NaHSO4	MEOH	NONE	TPH SW8015Mod	BTEX 8021B	% Moisture	Field Comments
1	ES-1	1ft	2/11/2020	1200	S	1								X	X	X		
2	ES-2	1ft	2/11/2020	1210	S	1								X	X	X		
3	ES-3	1ft	2/11/2020	1220	S	1								X	X	X		
4	ES-4	1ft	2/11/2020	1230	S	1								X	X	X		
5	ES-5	1ft	2/11/2020	1240	S	1								X	X	X		
6	ES-6	1ft	2/11/2020	1250	S	1								X	X	X		
7	ES-7	1ft	2/11/2020	1300	S	1								X	X	X		
8	ES-8	1ft	2/11/2020	1310	S	1								X	X	X		
9	ES-9	1ft	2/11/2020	1320	S	1								X	X	X		
10	ES-10	1ft	2/11/2020	1330	S	1								X	X	X		

Turnaround Time (Business days)

- [ ] Same Day TAT
- [ ] 5 Day TAT
- [ ] Next Day EMERGENCY
- [ ] 7 Day TAT
- [ ] 2 Day EMERGENCY
- [x] Contract TAT
- [ ] 3 Day EMERGENCY

TAT Starts Day received by Lab, if received by 5:00 pm

Data Deliverable Information

- [ ] Level II Std QC
- [ ] Level IV (Full Data Pkg /raw data)
- [ ] Level III Std QC+ Forms
- [ ] TRRP Level IV
- [ ] Level 3 (CLP Forms)
- [ ] UST / RG -411
- [ ] TRRP Checklist

Notes:

See SSOW

FED-EX / UPS: Tracking #

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION, INCLUDING COURIER DELIVERY

Relinquished by Sampler: 1 Glenn Quinney	Date Time: 2-12-2020	Received By: 1	Relinquished By: 2	Date Time:	Received By: 2
Relinquished by: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal #	Preserved where applicable	On Ice: Cooler Temp. 2.3 Thermo. Corr. Factor

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to XENCO Laboratories and its affiliates, subcontractors and assigns XENCO's standard terms and conditions of service unless previously negotiated under a fully executed client contract.

Final 1.000
Page 20 of 21
Received by OCD: 9/14/2021 1:19:38 PM
Released to Imaging: 1/6/2022 8:12:55 AM

XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Client: GHD Services, INC- Midland

Date/ Time Received: 02.12.2020 09.04.00 AM

Work Order #: 652071

Acceptable Temperature Range: 0 - 6 degC
Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : R8

Sample Receipt Checklist	Comments
#1 *Temperature of cooler(s)?	2.3
#2 *Shipping container in good condition?	**Yes**
#3 *Samples received on ice?	**Yes**
#4 *Custody Seals intact on shipping container/ cooler?	**N/A**
#5 Custody Seals intact on sample bottles?	**N/A**
#6*Custody Seals Signed and dated?	**N/A**
#7 *Chain of Custody present?	**Yes**
#8 Any missing/extra samples?	**No**
#9 Chain of Custody signed when relinquished/ received?	**Yes**
#10 Chain of Custody agrees with sample labels/matrix?	**Yes**
#11 Container label(s) legible and intact?	**Yes**
#12 Samples in proper container/ bottle?	**Yes**
#13 Samples properly preserved?	**Yes**
#14 Sample container(s) intact?	**Yes**
#15 Sufficient sample amount for indicated test(s)?	**Yes**
#16 All samples received within hold time?	**Yes**
#17 Subcontract of sample(s)?	**N/A**
#18 Water VOC samples have zero headspace?	**N/A**

*** Must be completed for after-hours delivery of samples prior to placing in the refrigerator**

Analyst: PH Device/Lot#:

Checklist completed by: Brianna Teel Date: 02.12.2020

Brianna Teel

Checklist reviewed by: Debbie Simmons Date: 02.14.2020

Debbie Simmons

Certificate of Analysis Summary 654090

GHD Services, INC- Midland, Midland, TX

Project Name: Enlink Falcon Spill

Project Id: 11205561-01
Contact: Tom Larson
Project Location:

Date Received in Lab: Fri 02.28.2020 11:54
Report Date: 03.06.2020 17:46
Project Manager: Debbie Simmons

Analysis Requested		654090-001		654090-002		654090-003		654090-004		654090-005		654090-006	
	Field Id:	SL-1A		SL-2A		SL-3A		SL-4A		SL-5A		SL-6A	
	Depth:	5- ft		5- ft		4.5- ft		4.5- ft		4.5- ft		4.5- ft	
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	02.27.2020 10:55		02.27.2020 11:05		02.27.2020 11:20		02.27.2020 11:50		02.27.2020 11:55		02.27.2020 12:20	
BTEX by EPA 8021B SUB: T104704219-19-21	*Extracted:*	03.04.2020 15:00		03.04.2020 14:30		03.04.2020 14:30		03.05.2020 14:00		03.04.2020 14:30		03.04.2020 14:30	
	Analyzed:	03.04.2020 21:54		03.05.2020 05:28		03.05.2020 05:52		03.05.2020 22:53		03.05.2020 06:41		03.05.2020 07:05	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		<0.00100	0.00100	<0.00101	0.00101	<0.00101	0.00101	0.165	0.0201	<0.000994	0.000994	<0.00101	0.00101
Toluene		<0.00100	0.00100	<0.00101	0.00101	<0.00101	0.00101	2.08	0.0201	0.00358	0.000994	<0.00101	0.00101
Ethylbenzene		<0.00100	0.00100	<0.00101	0.00101	<0.00101	0.00101	0.602	0.0201	0.00835	0.000994	<0.00101	0.00101
m,p-Xylenes		0.00551 F	0.00200	<0.00202	0.00202	<0.00202	0.00202	5.63	0.0402	0.0333	0.00199	0.00604	0.00201
o-Xylene		0.00170 F	0.00100	<0.00101	0.00101	<0.00101	0.00101	1.81	0.0201	0.0101	0.000994	<0.00101	0.00101
Total Xylenes		0.00721	0.00100	<0.00101	0.00101	<0.00101	0.00101	7.44	0.0201	0.0434	0.000994	0.00604	0.00101
Total BTEX		0.00721	0.00100	<0.00101	0.00101	<0.00101	0.00101	10.3	0.0201	0.0553	0.000994	0.00604	0.00101
Chloride by EPA 300	*Extracted:*									03.04.2020 11:40			
	Analyzed:									03.04.2020 13:17			
	Units/RL:									mg/kg	RL		
Chloride										5.40	4.99		
TPH By SW8015 Mod	*Extracted:*	02.29.2020 10:00		02.29.2020 10:00		02.29.2020 10:00		02.29.2020 10:00		02.29.2020 10:00		02.29.2020 10:00	
	Analyzed:	02.29.2020 14:43		02.29.2020 15:45		02.29.2020 16:06		03.01.2020 09:14		02.29.2020 16:48		02.29.2020 17:09	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<49.9	49.9	<49.9	49.9	<50.0	50.0	4890	250	<50.0	50.0	<49.8	49.8
Diesel Range Organics (DRO)		425	49.9	<49.9	49.9	<50.0	50.0	8480	250	128	50.0	61.1	49.8
Motor Oil Range Hydrocarbons (MRO)		<49.9	49.9	<49.9	49.9	<50.0	50.0	860	250	53.4	50.0	<49.8	49.8
Total TPH		425	49.9	<49.9	49.9	<50.0	50.0	14200	250	181	50.0	61.1	49.8

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use.
The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories.
XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented.
Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

Debbie Simmons
Project Manager

Certificate of Analysis Summary 654090

GHD Services, INC- Midland, Midland, TX

Project Name: Enlink Falcon Spill

Project Id: 11205561-01
Contact: Tom Larson
Project Location:

Date Received in Lab: Fri 02.28.2020 11:54
Report Date: 03.06.2020 17:46
Project Manager: Debbie Simmons

Analysis Requested													
	Lab Id:	654090-007		654090-008		654090-009		654090-010		654090-011		654090-012	
	Field Id:	SL-7A		SL-8A		SL-10A		SL-11A		SL-12A		SL-13A	
	Depth:	5- ft		5- ft		5- ft		5- ft		4- ft		5.5- ft	
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	02.27.2020 12:30		02.27.2020 12:35		02.27.2020 12:40		02.27.2020 13:20		02.27.2020 11:35		02.27.2020 13:35	
BTEX by EPA 8021B SUB: T104704219-19-21	***Extracted:***	03.04.2020 14:30		03.04.2020 14:30		03.04.2020 14:30		03.04.2020 15:00		03.04.2020 15:00		03.04.2020 15:00	
	Analyzed:	03.05.2020 07:30		03.05.2020 07:54		03.05.2020 08:18		03.04.2020 23:41		03.05.2020 00:08		03.05.2020 00:35	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		<0.000996	0.000996	<0.000990	0.000990	<0.000990	0.000990	<0.00100	0.00100	<0.000994	0.000994	<0.000990	0.000990
Toluene		<0.000996	0.000996	<0.000990	0.000990	<0.000990	0.000990	<0.00100	0.00100	<0.000994	0.000994	<0.000990	0.000990
Ethylbenzene		0.000996	0.000996	<0.000990	0.000990	<0.000990	0.000990	<0.00100	0.00100	<0.000994	0.000994	<0.000990	0.000990
m,p-Xylenes		0.00279	0.00199	0.00198	0.00198	<0.00198	0.00198	<0.00201	0.00201	<0.00199	0.00199	<0.00198	0.00198
o-Xylene		0.00199	0.000996	<0.000990	0.000990	<0.000990	0.000990	<0.00100	0.00100	<0.000994	0.000994	<0.000990	0.000990
Total Xylenes		0.00478	0.000996	0.00198	0.000990	<0.000990	0.000990	<0.00100	0.00100	<0.000994	0.000994	<0.000990	0.000990
Total BTEX		0.00578	0.000996	0.00198	0.000990	<0.000990	0.000990	<0.00100	0.00100	<0.000994	0.000994	<0.000990	0.000990
Chloride by EPA 300	***Extracted:***									03.04.2020 11:40			
	Analyzed:									03.04.2020 13:22			
	Units/RL:									mg/kg	RL		
Chloride										<4.95	4.95		
TPH By SW8015 Mod	***Extracted:***	02.29.2020 10:00		02.29.2020 10:00		02.29.2020 10:00		02.29.2020 10:00		02.29.2020 10:00		02.29.2020 10:00	
	Analyzed:	02.29.2020 17:30		02.29.2020 17:51		02.29.2020 18:12		02.29.2020 18:33		02.29.2020 19:15		02.29.2020 19:36	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		65.0	49.9	<49.9	49.9	<50.0	50.0	<50.0	50.0	<49.9	49.9	<50.0	50.0
Diesel Range Organics (DRO)		662	49.9	115	49.9	<50.0	50.0	94.6	50.0	<49.9	49.9	85.9	50.0
Motor Oil Range Hydrocarbons (MRO)		71.5	49.9	<49.9	49.9	<50.0	50.0	<50.0	50.0	<49.9	49.9	<50.0	50.0
Total TPH		799	49.9	115	49.9	<50.0	50.0	94.6	50.0	<49.9	49.9	85.9	50.0

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Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

Debbie Simmons
Project Manager

Certificate of Analysis Summary 654090

GHD Services, INC- Midland, Midland, TX

Project Name: Enlink Falcon Spill

Project Id: 11205561-01
Contact: Tom Larson
Project Location:

Date Received in Lab: Fri 02.28.2020 11:54
Report Date: 03.06.2020 17:46
Project Manager: Debbie Simmons

Analysis Requested		654090-013		654090-014		654090-015		654090-016		654090-017		654090-018	
	Field Id:	SL-14A		SL-15A		ES-11		ES-7A		SL-16		SL-17	
	Depth:	5- ft		4.5- ft		3.5- ft		3- ft		7- ft		7.5- ft	
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	02.27.2020 13:55		02.27.2020 14:20		02.27.2020 15:00		02.27.2020 14:30		02.27.2020 15:30		02.27.2020 16:00	
BTEX by EPA 8021B SUB: T104704219-19-21	***Extracted:***	03.04.2020 15:00		03.04.2020 15:00		03.04.2020 15:00		03.04.2020 15:00		03.04.2020 15:00		03.04.2020 15:00	
	Analyzed:	03.05.2020 01:02		03.05.2020 01:29		03.05.2020 01:56		03.05.2020 02:23		03.05.2020 02:50		03.05.2020 03:17	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		<0.000994	0.000994	<0.00100	0.00100	<0.000992	0.000992	<0.00100	0.00100	<0.00100	0.00100	<0.000994	0.000994
Toluene		<0.000994	0.000994	<0.00100	0.00100	<0.000992	0.000992	<0.00100	0.00100	<0.00100	0.00100	<0.000994	0.000994
Ethylbenzene		<0.000994	0.000994	<0.00100	0.00100	<0.000992	0.000992	<0.00100	0.00100	<0.00100	0.00100	<0.000994	0.000994
m,p-Xylenes		<0.00199	0.00199	<0.00200	0.00200	<0.00198	0.00198	<0.00201	0.00201	0.0507	0.00201	<0.00199	0.00199
o-Xylene		<0.000994	0.000994	<0.00100	0.00100	<0.000992	0.000992	<0.00100	0.00100	0.0190	0.00100	<0.000994	0.000994
Total Xylenes		<0.000994	0.000994	<0.00100	0.00100	<0.000992	0.000992	<0.00100	0.00100	0.0697	0.00100	<0.000994	0.000994
Total BTEX		<0.000994	0.000994	<0.00100	0.00100	<0.000992	0.000992	<0.00100	0.00100	0.0697	0.00100	<0.000994	0.000994
Chloride by EPA 300	***Extracted:***			03.04.2020 11:40									
	Analyzed:			03.04.2020 13:27									
	Units/RL:			mg/kg	RL								
Chloride				<4.97	4.97								
TPH By SW8015 Mod	***Extracted:***	02.29.2020 10:00		02.29.2020 10:00		02.29.2020 10:00		02.29.2020 10:00		02.29.2020 10:00		02.29.2020 10:00	
	Analyzed:	02.29.2020 19:56		02.29.2020 20:17		02.29.2020 20:38		02.29.2020 20:59		02.29.2020 21:20		02.29.2020 21:41	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<50.0	50.0	<49.9	49.9	<49.8	49.8	<49.9	49.9	169	50.0	<50.0	50.0
Diesel Range Organics (DRO)		<50.0	50.0	<49.9	49.9	<49.8	49.8	<49.9	49.9	701	50.0	<50.0	50.0
Motor Oil Range Hydrocarbons (MRO)		<50.0	50.0	<49.9	49.9	<49.8	49.8	<49.9	49.9	56.9	50.0	<50.0	50.0
Total TPH		<50.0	50.0	<49.9	49.9	<49.8	49.8	<49.9	49.9	927	50.0	<50.0	50.0

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Debbie Simmons
Project Manager

Certificate of Analysis Summary 654090

GHD Services, INC- Midland, Midland, TX

Project Name: Enlink Falcon Spill

Project Id: 11205561-01
Contact: Tom Larson
Project Location:

Date Received in Lab: Fri 02.28.2020 11:54
Report Date: 03.06.2020 17:46
Project Manager: Debbie Simmons

Analysis Requested													
	Lab Id:	654090-019		654090-020		654090-021		654090-022		654090-023		654090-024	
	Field Id:	SL-18		HD-1		HD-2		HD-3		HD-4		HD-5	
	Depth:	8- ft		0-6 In		0-6 In		0-6 In		0-6 In		0-6 In	
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	02.27.2020 16:45		02.27.2020 10:45		02.27.2020 11:00		02.27.2020 11:15		02.27.2020 11:30		02.27.2020 11:45	
BTEX by EPA 8021B SUB: T104704219-19-21	***Extracted:***	03.04.2020 15:00		03.05.2020 14:00		03.04.2020 15:00		03.04.2020 15:00		03.04.2020 15:00		03.04.2020 15:00	
	Analyzed:	03.05.2020 05:04		03.05.2020 18:54		03.05.2020 05:31		03.05.2020 05:58		03.05.2020 06:25		03.05.2020 06:52	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		<0.00100	0.00100	<0.000996	0.000996	<0.000990	0.000990	<0.00100	0.00100	<0.00101	0.00101	<0.000998	0.000998
Toluene		<0.00100	0.00100	<0.000996	0.000996	<0.000990	0.000990	<0.00100	0.00100	<0.00101	0.00101	<0.000998	0.000998
Ethylbenzene		<0.00100	0.00100	<0.000996	0.000996	<0.000990	0.000990	<0.00100	0.00100	<0.00101	0.00101	<0.000998	0.000998
m,p-Xylenes		<0.00201	0.00201	<0.00199	0.00199	<0.00198	0.00198	<0.00200	0.00200	<0.00202	0.00202	<0.00200	0.00200
o-Xylene		0.00110	0.00100	<0.000996	0.000996	<0.000990	0.000990	<0.00100	0.00100	<0.00101	0.00101	<0.000998	0.000998
Total Xylenes		0.00110	0.00100	<0.000996	0.000996	<0.000990	0.000990	<0.00100	0.00100	<0.00101	0.00101	<0.000998	0.000998
Total BTEX		0.00110	0.00100	<0.000996	0.000996	<0.000990	0.000990	<0.00100	0.00100	<0.00101	0.00101	<0.000998	0.000998
Chloride by EPA 300	***Extracted:***					03.04.2020 11:40							
	Analyzed:					03.04.2020 13:32							
	Units/RL:					mg/kg	RL						
Chloride						<5.02	5.02						
TPH By SW8015 Mod	***Extracted:***	02.29.2020 10:00		02.29.2020 10:00		02.29.2020 10:00		02.29.2020 10:00		02.29.2020 10:00		02.29.2020 10:00	
	Analyzed:	02.29.2020 22:02		02.29.2020 22:23		03.01.2020 00:07		03.01.2020 01:10		03.01.2020 01:31		03.01.2020 01:52	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<49.9	49.9	<49.8	49.8	<49.9	49.9	<49.8	49.8	<50.0	50.0	<50.0	50.0
Diesel Range Organics (DRO)		<49.9	49.9	<49.8	49.8	109	49.9	74.8	49.8	82.1	50.0	80.1	50.0
Motor Oil Range Hydrocarbons (MRO)		<49.9	49.9	<49.8	49.8	<49.9	49.9	<49.8	49.8	<50.0	50.0	<50.0	50.0
Total TPH		<49.9	49.9	<49.8	49.8	109	49.9	74.8	49.8	82.1	50.0	80.1	50.0

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Debbie Simmons
Project Manager

Certificate of Analysis Summary 654090

GHD Services, INC- Midland, Midland, TX

Project Name: Enlink Falcon Spill

Project Id: 11205561-01
Contact: Tom Larson
Project Location:

Date Received in Lab: Fri 02.28.2020 11:54
Report Date: 03.06.2020 17:46
Project Manager: Debbie Simmons

Analysis Requested													
	Lab Id:	654090-025		654090-026		654090-027		654090-028		654090-029		654090-030	
	Field Id:	HD-6		HD-7		HD-8		HD-9		HD-10		HD-11	
	Depth:	0-6 In		0-6 In		0-6 In		0-6 In		0-6 In		0-6 In	
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	02.27.2020 12:00		02.27.2020 12:15		02.27.2020 12:30		02.27.2020 12:45		02.27.2020 13:00		02.27.2020 13:15	
BTEX by EPA 8021B SUB: T104704219-19-21	***Extracted:***	03.04.2020 15:00		03.04.2020 15:00		03.04.2020 15:00		03.04.2020 15:00		03.04.2020 15:00		03.05.2020 14:00	
	Analyzed:	03.05.2020 07:19		03.05.2020 07:46		03.05.2020 08:13		03.05.2020 08:40		03.05.2020 09:06		03.05.2020 20:41	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		<0.00100	0.00100	<0.000994	0.000994	<0.00100	0.00100	<0.000994	0.000994	<0.000996	0.000996	<0.00100	0.00100
Toluene		<0.00100	0.00100	<0.000994	0.000994	<0.00100	0.00100	<0.000994	0.000994	<0.000996	0.000996	<0.00100	0.00100
Ethylbenzene		<0.00100	0.00100	<0.000994	0.000994	<0.00100	0.00100	<0.000994	0.000994	<0.000996	0.000996	<0.00100	0.00100
m,p-Xylenes		<0.00200	0.00200	<0.00199	0.00199	<0.00201	0.00201	<0.00199	0.00199	<0.00199	0.00199	<0.00200	0.00200
o-Xylene		<0.00100	0.00100	<0.000994	0.000994	<0.00100	0.00100	<0.000994	0.000994	<0.000996	0.000996	<0.00100	0.00100
Total Xylenes		<0.00100	0.00100	<0.000994	0.000994	<0.00100	0.00100	<0.000994	0.000994	<0.000996	0.000996	<0.00100	0.00100
Total BTEX		<0.00100	0.00100	<0.000994	0.000994	<0.00100	0.00100	<0.000994	0.000994	<0.000996	0.000996	<0.00100	0.00100
TPH By SW8015 Mod	***Extracted:***	02.29.2020 10:00		02.29.2020 10:00		02.29.2020 10:00		02.29.2020 10:00		02.29.2020 10:00		02.29.2020 10:00	
	Analyzed:	03.01.2020 02:13		03.01.2020 02:34		03.01.2020 02:55		03.01.2020 03:16		03.01.2020 03:37		03.01.2020 03:57	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<49.9	49.9	<50.0	50.0	<49.8	49.8	<50.0	50.0	<49.9	49.9	<50.0	50.0
Diesel Range Organics (DRO)		96.2	49.9	<50.0	50.0	114	49.8	<50.0	50.0	<49.9	49.9	<50.0	50.0
Motor Oil Range Hydrocarbons (MRO)		<49.9	49.9	<50.0	50.0	<49.8	49.8	<50.0	50.0	<49.9	49.9	<50.0	50.0
Total TPH		96.2	49.9	<50.0	50.0	114	49.8	<50.0	50.0	<49.9	49.9	<50.0	50.0

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Debbie Simmons
Project Manager

Certificate of Analysis Summary 654090

GHD Services, INC- Midland, Midland, TX

Project Name: Enlink Falcon Spill

Project Id: 11205561-01
Contact: Tom Larson
Project Location:

Date Received in Lab: Fri 02.28.2020 11:54
Report Date: 03.06.2020 17:46
Project Manager: Debbie Simmons

Analysis Requested													
	Lab Id:	654090-031		654090-032		654090-033		654090-034					
	Field Id:	HD-12		HD-13		HD-14		HD-15					
	Depth:	0-6 In		0-6 In		0-6 In		0-6 In					
	Matrix:	SOIL		SOIL		SOIL		SOIL					
	Sampled:	02.27.2020 13:30		02.27.2020 13:45		02.27.2020 14:00		02.27.2020 14:15					
BTEX by EPA 8021B	***Extracted:***	03.05.2020 14:00		03.05.2020 14:00		03.05.2020 14:00		03.05.2020 14:00					
SUB: T104704219-19-21	***Analyzed:***	03.05.2020 21:08		03.05.2020 21:34		03.05.2020 22:00		03.05.2020 22:27					
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL				
Benzene		<0.000994	0.000994	<0.000994	0.000994	<0.000994	0.000994	<0.000992	0.000992				
Toluene		<0.000994	0.000994	<0.000994	0.000994	<0.000994	0.000994	<0.000992	0.000992				
Ethylbenzene		<0.000994	0.000994	<0.000994	0.000994	<0.000994	0.000994	<0.000992	0.000992				
m,p-Xylenes		<0.00199	0.00199	<0.00199	0.00199	<0.00199	0.00199	<0.00198	0.00198				
o-Xylene		<0.000994	0.000994	<0.000994	0.000994	<0.000994	0.000994	<0.000992	0.000992				
Total Xylenes		<0.000994	0.000994	<0.000994	0.000994	<0.000994	0.000994	<0.000992	0.000992				
Total BTEX		<0.000994	0.000994	<0.000994	0.000994	<0.000994	0.000994	<0.000992	0.000992				
Chloride by EPA 300	***Extracted:***			03.04.2020 11:40									
	Analyzed:			03.04.2020 13:48									
	Units/RL:			mg/kg	RL								
Chloride				<5.00	5.00								
TPH By SW8015 Mod	***Extracted:***	02.29.2020 10:00		02.29.2020 10:00		02.29.2020 10:00		02.29.2020 10:00					
	Analyzed:	03.01.2020 04:39		03.01.2020 05:00		03.01.2020 05:21		03.01.2020 05:42					
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL				
Gasoline Range Hydrocarbons (GRO)		<49.9	49.9	<50.0	50.0	<49.9	49.9	<50.0	50.0				
Diesel Range Organics (DRO)		<49.9	49.9	<50.0	50.0	<49.9	49.9	<50.0	50.0				
Motor Oil Range Hydrocarbons (MRO)		<49.9	49.9	<50.0	50.0	<49.9	49.9	<50.0	50.0				
Total TPH		<49.9	49.9	<50.0	50.0	<49.9	49.9	<50.0	50.0				

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Debbie Simmons
Project Manager

Analytical Report 654090

for

GHD Services, INC- Midland

Project Manager: Tom Larson

Enlink Falcon Spill

11205561-01

03.06.2020

Collected By: Client

1211 W. Florida Ave
Midland TX 79701

Xenco-Houston (EPA Lab Code: TX00122):
Texas (T104704215-19-30), Arizona (AZ0765), Florida (E871002-24), Louisiana (03054)
Oklahoma (2019-058), North Carolina (681), Arkansas (19-037-0)

Xenco-Dallas (EPA Lab Code: TX01468):
Texas (TX104704295-19-22), Arizona (AZ0809), Arkansas (17-063-0)

Xenco-El Paso (EPA Lab Code: TX00127): Texas (T104704221-19-16)
Xenco-Lubbock (EPA Lab Code: TX00139): Texas (T104704219-19-21)
Xenco-Midland (EPA Lab Code: TX00158): Texas (T104704400-19-19)
Xenco-Carlsbad (LELAP): Louisiana (05092)
Xenco-San Antonio (EPA Lab Code: TNI02385): Texas (T104704534-19-5)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona (AZ0757)
Xenco-Tampa: Florida (E87429), North Carolina (483)

03.06.2020

Project Manager: **Tom Larson**
GHD Services, INC- Midland
2135 S Loop 250 W
Midland, TX 79703

Reference: XENCO Report No(s): **654090**
Enlink Falcon Spill
Project Address:

Tom Larson:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 654090. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 654090 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Debbie Simmons

Debbie Simmons
Project Manager

A Small Business and Minority Company

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Sample Cross Reference 654090

GHD Services, INC- Midland, Midland, TX

Enlink Falcon Spill

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
SL-1A	S	02.27.2020 10:55	5 ft	654090-001
SL-2A	S	02.27.2020 11:05	5 ft	654090-002
SL-3A	S	02.27.2020 11:20	4.5 ft	654090-003
SL-4A	S	02.27.2020 11:50	4.5 ft	654090-004
SL-5A	S	02.27.2020 11:55	4.5 ft	654090-005
SL-6A	S	02.27.2020 12:20	4.5 ft	654090-006
SL-7A	S	02.27.2020 12:30	5 ft	654090-007
SL-8A	S	02.27.2020 12:35	5 ft	654090-008
SL-10A	S	02.27.2020 12:40	5 ft	654090-009
SL-11A	S	02.27.2020 13:20	5 ft	654090-010
SL-12A	S	02.27.2020 11:35	4 ft	654090-011
SL-13A	S	02.27.2020 13:35	5.5 ft	654090-012
SL-14A	S	02.27.2020 13:55	5 ft	654090-013
SL-15A	S	02.27.2020 14:20	4.5 ft	654090-014
ES-11	S	02.27.2020 15:00	3.5 ft	654090-015
ES-7A	S	02.27.2020 14:30	3 ft	654090-016
SL-16	S	02.27.2020 15:30	7 ft	654090-017
SL-17	S	02.27.2020 16:00	7.5 ft	654090-018
SL-18	S	02.27.2020 16:45	8 ft	654090-019
HD-1	S	02.27.2020 10:45	0 - 6 In	654090-020
HD-2	S	02.27.2020 11:00	0 - 6 In	654090-021
HD-3	S	02.27.2020 11:15	0 - 6 In	654090-022
HD-4	S	02.27.2020 11:30	0 - 6 In	654090-023
HD-5	S	02.27.2020 11:45	0 - 6 In	654090-024
HD-6	S	02.27.2020 12:00	0 - 6 In	654090-025
HD-7	S	02.27.2020 12:15	0 - 6 In	654090-026
HD-8	S	02.27.2020 12:30	0 - 6 In	654090-027
HD-9	S	02.27.2020 12:45	0 - 6 In	654090-028
HD-10	S	02.27.2020 13:00	0 - 6 In	654090-029
HD-11	S	02.27.2020 13:15	0 - 6 In	654090-030
HD-12	S	02.27.2020 13:30	0 - 6 In	654090-031
HD-13	S	02.27.2020 13:45	0 - 6 In	654090-032
HD-14	S	02.27.2020 14:00	0 - 6 In	654090-033
HD-15	S	02.27.2020 14:15	0 - 6 In	654090-034

CASE NARRATIVE

Client Name: GHD Services, INC- Midland

Project Name: Enlink Falcon Spill

Project ID: *11205561-01*
Work Order Number(s): *654090*

Report Date: *03.06.2020*
Date Received: *02.28.2020*

Sample receipt non conformances and comments:

03.02.20: per Tom Larson, run chlorides on the following 5 samples:
SL-5A @4.5 FT
SL-12A @4 FT
SL-15A @4.5 F
HD-2
HD-13

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-3118615 BTEX by EPA 8021B
Surrogate 4-Bromofluorobenzene recovered below QC limits. Matrix interferences is suspected; data confirmed by re-analysis.
Samples affected are: 654090-001 S.

Lab Sample ID 654090-001 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD). Benzene, Ethylbenzene, Toluene, m,p-Xylenes, o-Xylene Relative Percent Difference (RPD) between matrix spike and duplicate were above quality control limits.
Samples in the analytical batch are: 654090-001, -010, -011, -012, -013, -014, -015, -016, -017, -018, -019, -021, -022, -023, -024, -025, -026, -027, -028, -029
Soil samples were not received in Terracore kits and therefore were prepared by method 5030.
Outlier/s are due to possible matrix interference.

Batch: LBA-3118632 BTEX by EPA 8021B
Soil samples were not received in Terracore kits and therefore were prepared by method 5030.
Surrogate 4-Bromofluorobenzene recovered above QC limits Data confirmed by re-analysis. Samples affected are: 7698138-1-BKS,7698138-1-BLK,7698138-1-BSD,654387-002 S,654387-002 SD,654090-006,654090-005,654090-002,654090-007,654090-009.
Surrogate a,a,a-Trifluorotoluene recovered above QC limits Data confirmed by re-analysis. Samples affected are: 7698138-1-BLK,654387-002 S,654387-002 SD,654090-002,654090-005,654090-007,654090-009.

Batch: LBA-3118765 BTEX by EPA 8021B
Surrogate a,a,a-Trifluorotoluene recovered above QC limits. Matrix interferences is suspected; data confirmed by re-analysis.
Samples affected are: 654090-004.
Soil samples were not received in Terracore kits and therefore were prepared by method 5030.

CASE NARRATIVE

Client Name: GHD Services, INC- Midland

Project Name: Enlink Falcon Spill

Project ID:	*11205561-01*	Report Date:	*03.06.2020*
Work Order Number(s):	*654090*	Date Received:	*02.28.2020*

Certificate of Analytical Results 654090

GHD Services, INC- Midland, Midland, TX

Enlink Falcon Spill

Sample Id:	**SL-1A**	Matrix:	Soil	Date Received:	02.28.2020 11:54
Lab Sample Id:	654090-001	Date Collected:	02.27.2020 10:55	Sample Depth:	5 ft

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	ARM			% Moisture:	
Analyst:	ARM	Date Prep:	02.29.2020 10:00	Basis:	Wet Weight
Seq Number:	3118189				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	02.29.2020 14:43	U	1
Diesel Range Organics (DRO)	C10C28DRO	**425**	49.9	mg/kg	02.29.2020 14:43		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	02.29.2020 14:43	U	1
Total TPH	PHC635	**425**	49.9	mg/kg	02.29.2020 14:43		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	100	%	70-135	02.29.2020 14:43	
o-Terphenyl	84-15-1	108	%	70-135	02.29.2020 14:43	

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MIT			% Moisture:	
Analyst:	MIT	Date Prep:	03.04.2020 15:00	Basis:	Wet Weight
Seq Number:	3118615			SUB:	T104704219-19-21

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00100	0.00100	mg/kg	03.04.2020 21:54	UF	1
Toluene	108-88-3	<0.00100	0.00100	mg/kg	03.04.2020 21:54	UF	1
Ethylbenzene	100-41-4	<0.00100	0.00100	mg/kg	03.04.2020 21:54	UF	1
m,p-Xylenes	179601-23-1	**0.00551**	0.00200	mg/kg	03.04.2020 21:54	F	1
o-Xylene	95-47-6	**0.00170**	0.00100	mg/kg	03.04.2020 21:54	F	1
Total Xylenes	1330-20-7	**0.00721**	0.00100	mg/kg	03.04.2020 21:54		1
Total BTEX		**0.00721**	0.00100	mg/kg	03.04.2020 21:54		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	117	%	68-120	03.04.2020 21:54	
a,a,a-Trifluorotoluene	98-08-8	111	%	71-121	03.04.2020 21:54	

Certificate of Analytical Results 654090

GHD Services, INC- Midland, Midland, TX

Enlink Falcon Spill

Sample Id:	**SL-2A**	Matrix:	Soil	Date Received:	02.28.2020 11:54
Lab Sample Id:	654090-002	Date Collected:	02.27.2020 11:05	Sample Depth:	5 ft

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	ARM			% Moisture:	
Analyst:	ARM	Date Prep:	02.29.2020 10:00	Basis:	Wet Weight
Seq Number:	3118189				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	02.29.2020 15:45	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	02.29.2020 15:45	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	02.29.2020 15:45	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	02.29.2020 15:45	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	98	%	70-135	02.29.2020 15:45	
o-Terphenyl	84-15-1	103	%	70-135	02.29.2020 15:45	

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MIT			% Moisture:	
Analyst:	MIT	Date Prep:	03.04.2020 14:30	Basis:	Wet Weight
Seq Number:	3118632			SUB:	T104704219-19-21

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00101	0.00101	mg/kg	03.05.2020 05:28	U	1
Toluene	108-88-3	<0.00101	0.00101	mg/kg	03.05.2020 05:28	U	1
Ethylbenzene	100-41-4	<0.00101	0.00101	mg/kg	03.05.2020 05:28	U	1
m,p-Xylenes	179601-23-1	<0.00202	0.00202	mg/kg	03.05.2020 05:28	U	1
o-Xylene	95-47-6	<0.00101	0.00101	mg/kg	03.05.2020 05:28	U	1
Total Xylenes	1330-20-7	<0.00101	0.00101	mg/kg	03.05.2020 05:28	U	1
Total BTEX		<0.00101	0.00101	mg/kg	03.05.2020 05:28	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	123	%	68-120	03.05.2020 05:28	**
a,a,a-Trifluorotoluene	98-08-8	123	%	71-121	03.05.2020 05:28	**

Certificate of Analytical Results 654090

GHD Services, INC- Midland, Midland, TX

Enlink Falcon Spill

Sample Id:	**SL-3A**	Matrix:	Soil	Date Received:	02.28.2020 11:54
Lab Sample Id:	654090-003	Date Collected:	02.27.2020 11:20	Sample Depth:	4.5 ft

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	ARM			% Moisture:	
Analyst:	ARM	Date Prep:	02.29.2020 10:00	Basis:	Wet Weight
Seq Number:	3118189				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	02.29.2020 16:06	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	02.29.2020 16:06	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	02.29.2020 16:06	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	02.29.2020 16:06	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	99	%	70-135	02.29.2020 16:06	
o-Terphenyl	84-15-1	103	%	70-135	02.29.2020 16:06	

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MIT			% Moisture:	
Analyst:	MIT	Date Prep:	03.04.2020 14:30	Basis:	Wet Weight
Seq Number:	3118632			SUB:	T104704219-19-21

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00101	0.00101	mg/kg	03.05.2020 05:52	U	1
Toluene	108-88-3	<0.00101	0.00101	mg/kg	03.05.2020 05:52	U	1
Ethylbenzene	100-41-4	<0.00101	0.00101	mg/kg	03.05.2020 05:52	U	1
m,p-Xylenes	179601-23-1	<0.00202	0.00202	mg/kg	03.05.2020 05:52	U	1
o-Xylene	95-47-6	<0.00101	0.00101	mg/kg	03.05.2020 05:52	U	1
Total Xylenes	1330-20-7	<0.00101	0.00101	mg/kg	03.05.2020 05:52	U	1
Total BTEX		<0.00101	0.00101	mg/kg	03.05.2020 05:52	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	111	%	68-120	03.05.2020 05:52	
a,a,a-Trifluorotoluene	98-08-8	111	%	71-121	03.05.2020 05:52	

Certificate of Analytical Results 654090

GHD Services, INC- Midland, Midland, TX

Enlink Falcon Spill

Sample Id:	**SL-4A**	Matrix:	Soil	Date Received:	02.28.2020 11:54
Lab Sample Id:	654090-004	Date Collected:	02.27.2020 11:50	Sample Depth:	4.5 ft

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	ARM			% Moisture:	
Analyst:	ARM	Date Prep:	02.29.2020 10:00	Basis:	Wet Weight
Seq Number:	3118189				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**4890**	250	mg/kg	03.01.2020 09:14		5
Diesel Range Organics (DRO)	C10C28DRO	**8480**	250	mg/kg	03.01.2020 09:14		5
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**860**	250	mg/kg	03.01.2020 09:14		5
Total TPH	PHC635	**14200**	250	mg/kg	03.01.2020 09:14		5

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	115	%	70-135	03.01.2020 09:14	
o-Terphenyl	84-15-1	100	%	70-135	03.01.2020 09:14	

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MIT			% Moisture:	
Analyst:	MIT	Date Prep:	03.05.2020 14:00	Basis:	Wet Weight
Seq Number:	3118765			SUB:	T104704219-19-21

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	**0.165**	0.0201	mg/kg	03.05.2020 22:53		20
Toluene	108-88-3	**2.08**	0.0201	mg/kg	03.05.2020 22:53		20
Ethylbenzene	100-41-4	**0.602**	0.0201	mg/kg	03.05.2020 22:53		20
m,p-Xylenes	179601-23-1	**5.63**	0.0402	mg/kg	03.05.2020 22:53		20
o-Xylene	95-47-6	**1.81**	0.0201	mg/kg	03.05.2020 22:53		20
Total Xylenes	1330-20-7	**7.44**	0.0201	mg/kg	03.05.2020 22:53		20
Total BTEX		**10.3**	0.0201	mg/kg	03.05.2020 22:53		20

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	102	%	68-120	03.05.2020 22:53	
a,a,a-Trifluorotoluene	98-08-8	157	%	71-121	03.05.2020 22:53	**

Certificate of Analytical Results 654090

GHD Services, INC- Midland, Midland, TX

Enlink Falcon Spill

Sample Id:	**SL-5A**	Matrix:	Soil	Date Received:	02.28.2020 11:54
Lab Sample Id:	654090-005	Date Collected:	02.27.2020 11:55	Sample Depth:	4.5 ft

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	03.04.2020 11:40	Basis:	Wet Weight
Seq Number:	3118568				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**5.40**	4.99	mg/kg	03.04.2020 13:17		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	ARM			% Moisture:	
Analyst:	ARM	Date Prep:	02.29.2020 10:00	Basis:	Wet Weight
Seq Number:	3118189				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	02.29.2020 16:48	U	1
Diesel Range Organics (DRO)	C10C28DRO	**128**	50.0	mg/kg	02.29.2020 16:48		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**53.4**	50.0	mg/kg	02.29.2020 16:48		1
Total TPH	PHC635	**181**	50.0	mg/kg	02.29.2020 16:48		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	103	%	70-135	02.29.2020 16:48	
o-Terphenyl	84-15-1	108	%	70-135	02.29.2020 16:48	

Certificate of Analytical Results 654090

GHD Services, INC- Midland, Midland, TX

Enlink Falcon Spill

Sample Id:	**SL-5A**	Matrix:	Soil	Date Received:	02.28.2020 11:54
Lab Sample Id:	654090-005	Date Collected:	02.27.2020 11:55	Sample Depth:	4.5 ft
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MIT			% Moisture:	
Analyst:	MIT	Date Prep:	03.04.2020 14:30	Basis:	Wet Weight
Seq Number:	3118632			SUB:	T104704219-19-21

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.000994	0.000994	mg/kg	03.05.2020 06:41	U	1
Toluene	108-88-3	**0.00358**	0.000994	mg/kg	03.05.2020 06:41		1
Ethylbenzene	100-41-4	**0.00835**	0.000994	mg/kg	03.05.2020 06:41		1
m,p-Xylenes	179601-23-1	**0.0333**	0.00199	mg/kg	03.05.2020 06:41		1
o-Xylene	95-47-6	**0.0101**	0.000994	mg/kg	03.05.2020 06:41		1
Total Xylenes	1330-20-7	**0.0434**	0.000994	mg/kg	03.05.2020 06:41		1
Total BTEX		**0.0553**	0.000994	mg/kg	03.05.2020 06:41		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	151	%	68-120	03.05.2020 06:41	**
a,a,a-Trifluorotoluene	98-08-8	127	%	71-121	03.05.2020 06:41	**

Certificate of Analytical Results 654090

GHD Services, INC- Midland, Midland, TX

Enlink Falcon Spill

Sample Id:	**SL-6A**	Matrix:	Soil	Date Received:	02.28.2020 11:54
Lab Sample Id:	654090-006	Date Collected:	02.27.2020 12:20	Sample Depth:	4.5 ft

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	ARM			% Moisture:	
Analyst:	ARM	Date Prep:	02.29.2020 10:00	Basis:	Wet Weight
Seq Number:	3118189				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	02.29.2020 17:09	U	1
Diesel Range Organics (DRO)	C10C28DRO	**61.1**	49.8	mg/kg	02.29.2020 17:09		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	02.29.2020 17:09	U	1
Total TPH	PHC635	**61.1**	49.8	mg/kg	02.29.2020 17:09		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	100	%	70-135	02.29.2020 17:09	
o-Terphenyl	84-15-1	104	%	70-135	02.29.2020 17:09	

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MIT			% Moisture:	
Analyst:	MIT	Date Prep:	03.04.2020 14:30	Basis:	Wet Weight
Seq Number:	3118632			SUB:	T104704219-19-21

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00101	0.00101	mg/kg	03.05.2020 07:05	U	1
Toluene	108-88-3	<0.00101	0.00101	mg/kg	03.05.2020 07:05	U	1
Ethylbenzene	100-41-4	<0.00101	0.00101	mg/kg	03.05.2020 07:05	U	1
m,p-Xylenes	179601-23-1	**0.00604**	0.00201	mg/kg	03.05.2020 07:05		1
o-Xylene	95-47-6	<0.00101	0.00101	mg/kg	03.05.2020 07:05	U	1
Total Xylenes	1330-20-7	**0.00604**	0.00101	mg/kg	03.05.2020 07:05		1
Total BTEX		**0.00604**	0.00101	mg/kg	03.05.2020 07:05		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	128	%	68-120	03.05.2020 07:05	**
a,a,a-Trifluorotoluene	98-08-8	121	%	71-121	03.05.2020 07:05	

Certificate of Analytical Results 654090

GHD Services, INC- Midland, Midland, TX

Enlink Falcon Spill

Sample Id:	**SL-7A**	Matrix:	Soil	Date Received:	02.28.2020 11:54
Lab Sample Id:	654090-007	Date Collected:	02.27.2020 12:30	Sample Depth:	5 ft

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	ARM			% Moisture:	
Analyst:	ARM	Date Prep:	02.29.2020 10:00	Basis:	Wet Weight
Seq Number:	3118189				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**65.0**	49.9	mg/kg	02.29.2020 17:30		1
Diesel Range Organics (DRO)	C10C28DRO	**662**	49.9	mg/kg	02.29.2020 17:30		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**71.5**	49.9	mg/kg	02.29.2020 17:30		1
Total TPH	PHC635	**799**	49.9	mg/kg	02.29.2020 17:30		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	103	%	70-135	02.29.2020 17:30	
o-Terphenyl	84-15-1	113	%	70-135	02.29.2020 17:30	

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MIT			% Moisture:	
Analyst:	MIT	Date Prep:	03.04.2020 14:30	Basis:	Wet Weight
Seq Number:	3118632			SUB:	T104704219-19-21

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.000996	0.000996	mg/kg	03.05.2020 07:30	U	1
Toluene	108-88-3	<0.000996	0.000996	mg/kg	03.05.2020 07:30	U	1
Ethylbenzene	100-41-4	**0.000996**	0.000996	mg/kg	03.05.2020 07:30		1
m,p-Xylenes	179601-23-1	**0.00279**	0.00199	mg/kg	03.05.2020 07:30		1
o-Xylene	95-47-6	**0.00199**	0.000996	mg/kg	03.05.2020 07:30		1
Total Xylenes	1330-20-7	**0.00478**	0.000996	mg/kg	03.05.2020 07:30		1
Total BTEX		**0.00578**	0.000996	mg/kg	03.05.2020 07:30		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	131	%	68-120	03.05.2020 07:30	**
a,a,a-Trifluorotoluene	98-08-8	123	%	71-121	03.05.2020 07:30	**

Certificate of Analytical Results 654090

GHD Services, INC- Midland, Midland, TX

Enlink Falcon Spill

Sample Id:	**SL-8A**	Matrix:	Soil	Date Received:	02.28.2020 11:54
Lab Sample Id:	654090-008	Date Collected:	02.27.2020 12:35	Sample Depth:	5 ft

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	ARM			% Moisture:	
Analyst:	ARM	Date Prep:	02.29.2020 10:00	Basis:	Wet Weight
Seq Number:	3118189				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	02.29.2020 17:51	U	1
Diesel Range Organics (DRO)	C10C28DRO	**115**	49.9	mg/kg	02.29.2020 17:51		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	02.29.2020 17:51	U	1
Total TPH	PHC635	**115**	49.9	mg/kg	02.29.2020 17:51		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	100	%	70-135	02.29.2020 17:51	
o-Terphenyl	84-15-1	103	%	70-135	02.29.2020 17:51	

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MIT			% Moisture:	
Analyst:	MIT	Date Prep:	03.04.2020 14:30	Basis:	Wet Weight
Seq Number:	3118632			SUB:	T104704219-19-21

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.000990	0.000990	mg/kg	03.05.2020 07:54	U	1
Toluene	108-88-3	<0.000990	0.000990	mg/kg	03.05.2020 07:54	U	1
Ethylbenzene	100-41-4	<0.000990	0.000990	mg/kg	03.05.2020 07:54	U	1
m,p-Xylenes	179601-23-1	**0.00198**	0.00198	mg/kg	03.05.2020 07:54		1
o-Xylene	95-47-6	<0.000990	0.000990	mg/kg	03.05.2020 07:54	U	1
Total Xylenes	1330-20-7	**0.00198**	0.000990	mg/kg	03.05.2020 07:54		1
Total BTEX		**0.00198**	0.000990	mg/kg	03.05.2020 07:54		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	101	%	68-120	03.05.2020 07:54	
a,a,a-Trifluorotoluene	98-08-8	97	%	71-121	03.05.2020 07:54	

Certificate of Analytical Results 654090

GHD Services, INC- Midland, Midland, TX

Enlink Falcon Spill

Sample Id:	**SL-10A**	Matrix:	Soil	Date Received:	02.28.2020 11:54
Lab Sample Id:	654090-009	Date Collected:	02.27.2020 12:40	Sample Depth:	5 ft

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	ARM			% Moisture:	
Analyst:	ARM	Date Prep:	02.29.2020 10:00	Basis:	Wet Weight
Seq Number:	3118189				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	02.29.2020 18:12	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	02.29.2020 18:12	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	02.29.2020 18:12	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	02.29.2020 18:12	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	103	%	70-135	02.29.2020 18:12	
o-Terphenyl	84-15-1	104	%	70-135	02.29.2020 18:12	

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MIT			% Moisture:	
Analyst:	MIT	Date Prep:	03.04.2020 14:30	Basis:	Wet Weight
Seq Number:	3118632			SUB:	T104704219-19-21

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.000990	0.000990	mg/kg	03.05.2020 08:18	U	1
Toluene	108-88-3	<0.000990	0.000990	mg/kg	03.05.2020 08:18	U	1
Ethylbenzene	100-41-4	<0.000990	0.000990	mg/kg	03.05.2020 08:18	U	1
m,p-Xylenes	179601-23-1	<0.00198	0.00198	mg/kg	03.05.2020 08:18	U	1
o-Xylene	95-47-6	<0.000990	0.000990	mg/kg	03.05.2020 08:18	U	1
Total Xylenes	1330-20-7	<0.000990	0.000990	mg/kg	03.05.2020 08:18	U	1
Total BTEX		<0.000990	0.000990	mg/kg	03.05.2020 08:18	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	126	%	68-120	03.05.2020 08:18	**
a,a,a-Trifluorotoluene	98-08-8	125	%	71-121	03.05.2020 08:18	**

Certificate of Analytical Results 654090

GHD Services, INC- Midland, Midland, TX

Enlink Falcon Spill

Sample Id:	**SL-11A**	Matrix:	Soil	Date Received:	02.28.2020 11:54
Lab Sample Id:	654090-010	Date Collected:	02.27.2020 13:20	Sample Depth:	5 ft

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	ARM			% Moisture:	
Analyst:	ARM	Date Prep:	02.29.2020 10:00	Basis:	Wet Weight
Seq Number:	3118189				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	02.29.2020 18:33	U	1
Diesel Range Organics (DRO)	C10C28DRO	**94.6**	50.0	mg/kg	02.29.2020 18:33		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	02.29.2020 18:33	U	1
Total TPH	PHC635	**94.6**	50.0	mg/kg	02.29.2020 18:33		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	98	%	70-135	02.29.2020 18:33	
o-Terphenyl	84-15-1	103	%	70-135	02.29.2020 18:33	

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MIT			% Moisture:	
Analyst:	MIT	Date Prep:	03.04.2020 15:00	Basis:	Wet Weight
Seq Number:	3118615			SUB:	T104704219-19-21

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00100	0.00100	mg/kg	03.04.2020 23:41	U	1
Toluene	108-88-3	<0.00100	0.00100	mg/kg	03.04.2020 23:41	U	1
Ethylbenzene	100-41-4	<0.00100	0.00100	mg/kg	03.04.2020 23:41	U	1
m,p-Xylenes	179601-23-1	<0.00201	0.00201	mg/kg	03.04.2020 23:41	U	1
o-Xylene	95-47-6	<0.00100	0.00100	mg/kg	03.04.2020 23:41	U	1
Total Xylenes	1330-20-7	<0.00100	0.00100	mg/kg	03.04.2020 23:41	U	1
Total BTEX		<0.00100	0.00100	mg/kg	03.04.2020 23:41	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	113	%	68-120	03.04.2020 23:41	
a,a,a-Trifluorotoluene	98-08-8	109	%	71-121	03.04.2020 23:41	

Certificate of Analytical Results 654090

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Enlink Falcon Spill

Sample Id:	**SL-12A**	Matrix:	Soil	Date Received:	02.28.2020 11:54
Lab Sample Id:	654090-011	Date Collected:	02.27.2020 11:35	Sample Depth:	4 ft

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	03.04.2020 11:40	Basis:	Wet Weight
Seq Number:	3118568				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<4.95	4.95	mg/kg	03.04.2020 13:22	U	1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	ARM			% Moisture:	
Analyst:	ARM	Date Prep:	02.29.2020 10:00	Basis:	Wet Weight
Seq Number:	3118189				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	02.29.2020 19:15	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	02.29.2020 19:15	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	02.29.2020 19:15	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	02.29.2020 19:15	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	100	%	70-135	02.29.2020 19:15	
o-Terphenyl	84-15-1	103	%	70-135	02.29.2020 19:15	

Certificate of Analytical Results 654090

GHD Services, INC- Midland, Midland, TX

Enlink Falcon Spill

Sample Id:	**SL-12A**	Matrix:	Soil	Date Received:	02.28.2020 11:54
Lab Sample Id:	654090-011	Date Collected:	02.27.2020 11:35	Sample Depth:	4 ft
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MIT			% Moisture:	
Analyst:	MIT	Date Prep:	03.04.2020 15:00	Basis:	Wet Weight
Seq Number:	3118615			SUB:	T104704219-19-21

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.000994	0.000994	mg/kg	03.05.2020 00:08	U	1
Toluene	108-88-3	<0.000994	0.000994	mg/kg	03.05.2020 00:08	U	1
Ethylbenzene	100-41-4	<0.000994	0.000994	mg/kg	03.05.2020 00:08	U	1
m,p-Xylenes	179601-23-1	<0.00199	0.00199	mg/kg	03.05.2020 00:08	U	1
o-Xylene	95-47-6	<0.000994	0.000994	mg/kg	03.05.2020 00:08	U	1
Total Xylenes	1330-20-7	<0.000994	0.000994	mg/kg	03.05.2020 00:08	U	1
Total BTEX		<0.000994	0.000994	mg/kg	03.05.2020 00:08	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	111	%	68-120	03.05.2020 00:08	
a,a,a-Trifluorotoluene	98-08-8	110	%	71-121	03.05.2020 00:08	

Certificate of Analytical Results 654090

GHD Services, INC- Midland, Midland, TX

Enlink Falcon Spill

Sample Id:	**SL-13A**	Matrix:	Soil	Date Received:	02.28.2020 11:54
Lab Sample Id:	654090-012	Date Collected:	02.27.2020 13:35	Sample Depth:	5.5 ft

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	ARM			% Moisture:	
Analyst:	ARM	Date Prep:	02.29.2020 10:00	Basis:	Wet Weight
Seq Number:	3118189				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	02.29.2020 19:36	U	1
Diesel Range Organics (DRO)	C10C28DRO	**85.9**	50.0	mg/kg	02.29.2020 19:36		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	02.29.2020 19:36	U	1
Total TPH	PHC635	**85.9**	50.0	mg/kg	02.29.2020 19:36		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	101	%	70-135	02.29.2020 19:36	
o-Terphenyl	84-15-1	106	%	70-135	02.29.2020 19:36	

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MIT			% Moisture:	
Analyst:	MIT	Date Prep:	03.04.2020 15:00	Basis:	Wet Weight
Seq Number:	3118615			SUB:	T104704219-19-21

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.000990	0.000990	mg/kg	03.05.2020 00:35	U	1
Toluene	108-88-3	<0.000990	0.000990	mg/kg	03.05.2020 00:35	U	1
Ethylbenzene	100-41-4	<0.000990	0.000990	mg/kg	03.05.2020 00:35	U	1
m,p-Xylenes	179601-23-1	<0.00198	0.00198	mg/kg	03.05.2020 00:35	U	1
o-Xylene	95-47-6	<0.000990	0.000990	mg/kg	03.05.2020 00:35	U	1
Total Xylenes	1330-20-7	<0.000990	0.000990	mg/kg	03.05.2020 00:35	U	1
Total BTEX		<0.000990	0.000990	mg/kg	03.05.2020 00:35	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	111	%	68-120	03.05.2020 00:35	
a,a,a-Trifluorotoluene	98-08-8	107	%	71-121	03.05.2020 00:35	

Certificate of Analytical Results 654090

GHD Services, INC- Midland, Midland, TX

Enlink Falcon Spill

Sample Id:	**SL-14A**	Matrix:	Soil	Date Received:	02.28.2020 11:54
Lab Sample Id:	654090-013	Date Collected:	02.27.2020 13:55	Sample Depth:	5 ft

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	ARM			% Moisture:	
Analyst:	ARM	Date Prep:	02.29.2020 10:00	Basis:	Wet Weight
Seq Number:	3118189				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	02.29.2020 19:56	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	02.29.2020 19:56	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	02.29.2020 19:56	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	02.29.2020 19:56	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	99	%	70-135	02.29.2020 19:56	
o-Terphenyl	84-15-1	103	%	70-135	02.29.2020 19:56	

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MIT			% Moisture:	
Analyst:	MIT	Date Prep:	03.04.2020 15:00	Basis:	Wet Weight
Seq Number:	3118615			SUB:	T104704219-19-21

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.000994	0.000994	mg/kg	03.05.2020 01:02	U	1
Toluene	108-88-3	<0.000994	0.000994	mg/kg	03.05.2020 01:02	U	1
Ethylbenzene	100-41-4	<0.000994	0.000994	mg/kg	03.05.2020 01:02	U	1
m,p-Xylenes	179601-23-1	<0.00199	0.00199	mg/kg	03.05.2020 01:02	U	1
o-Xylene	95-47-6	<0.000994	0.000994	mg/kg	03.05.2020 01:02	U	1
Total Xylenes	1330-20-7	<0.000994	0.000994	mg/kg	03.05.2020 01:02	U	1
Total BTEX		<0.000994	0.000994	mg/kg	03.05.2020 01:02	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	111	%	68-120	03.05.2020 01:02	
a,a,a-Trifluorotoluene	98-08-8	107	%	71-121	03.05.2020 01:02	

Certificate of Analytical Results 654090

GHD Services, INC- Midland, Midland, TX

Enlink Falcon Spill

Sample Id:	**SL-15A**	Matrix:	Soil	Date Received:	02.28.2020 11:54
Lab Sample Id:	654090-014	Date Collected:	02.27.2020 14:20	Sample Depth:	4.5 ft

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	03.04.2020 11:40	Basis:	Wet Weight
Seq Number:	3118568				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<4.97	4.97	mg/kg	03.04.2020 13:27	U	1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	ARM			% Moisture:	
Analyst:	ARM	Date Prep:	02.29.2020 10:00	Basis:	Wet Weight
Seq Number:	3118189				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	02.29.2020 20:17	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	02.29.2020 20:17	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	02.29.2020 20:17	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	02.29.2020 20:17	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	100	%	70-135	02.29.2020 20:17	
o-Terphenyl	84-15-1	102	%	70-135	02.29.2020 20:17	

Certificate of Analytical Results 654090

GHD Services, INC- Midland, Midland, TX

Enlink Falcon Spill

Sample Id:	**SL-15A**	Matrix:	Soil	Date Received:	02.28.2020 11:54
Lab Sample Id:	654090-014	Date Collected:	02.27.2020 14:20	Sample Depth:	4.5 ft
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MIT			% Moisture:	
Analyst:	MIT	Date Prep:	03.04.2020 15:00	Basis:	Wet Weight
Seq Number:	3118615			SUB:	T104704219-19-21

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00100	0.00100	mg/kg	03.05.2020 01:29	U	1
Toluene	108-88-3	<0.00100	0.00100	mg/kg	03.05.2020 01:29	U	1
Ethylbenzene	100-41-4	<0.00100	0.00100	mg/kg	03.05.2020 01:29	U	1
m,p-Xylenes	179601-23-1	<0.00200	0.00200	mg/kg	03.05.2020 01:29	U	1
o-Xylene	95-47-6	<0.00100	0.00100	mg/kg	03.05.2020 01:29	U	1
Total Xylenes	1330-20-7	<0.00100	0.00100	mg/kg	03.05.2020 01:29	U	1
Total BTEX		<0.00100	0.00100	mg/kg	03.05.2020 01:29	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	112	%	68-120	03.05.2020 01:29	
a,a,a-Trifluorotoluene	98-08-8	107	%	71-121	03.05.2020 01:29	

Certificate of Analytical Results 654090

GHD Services, INC- Midland, Midland, TX

Enlink Falcon Spill

Sample Id:	**ES-11**	Matrix:	Soil	Date Received:	02.28.2020 11:54
Lab Sample Id:	654090-015	Date Collected:	02.27.2020 15:00	Sample Depth:	3.5 ft

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	ARM			% Moisture:	
Analyst:	ARM	Date Prep:	02.29.2020 10:00	Basis:	Wet Weight
Seq Number:	3118189				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	02.29.2020 20:38	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	02.29.2020 20:38	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	02.29.2020 20:38	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	02.29.2020 20:38	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	101	%	70-135	02.29.2020 20:38	
o-Terphenyl	84-15-1	105	%	70-135	02.29.2020 20:38	

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MIT			% Moisture:	
Analyst:	MIT	Date Prep:	03.04.2020 15:00	Basis:	Wet Weight
Seq Number:	3118615			SUB:	T104704219-19-21

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.000992	0.000992	mg/kg	03.05.2020 01:56	U	1
Toluene	108-88-3	<0.000992	0.000992	mg/kg	03.05.2020 01:56	U	1
Ethylbenzene	100-41-4	<0.000992	0.000992	mg/kg	03.05.2020 01:56	U	1
m,p-Xylenes	179601-23-1	<0.00198	0.00198	mg/kg	03.05.2020 01:56	U	1
o-Xylene	95-47-6	<0.000992	0.000992	mg/kg	03.05.2020 01:56	U	1
Total Xylenes	1330-20-7	<0.000992	0.000992	mg/kg	03.05.2020 01:56	U	1
Total BTEX		<0.000992	0.000992	mg/kg	03.05.2020 01:56	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	112	%	68-120	03.05.2020 01:56	
a,a,a-Trifluorotoluene	98-08-8	107	%	71-121	03.05.2020 01:56	

Certificate of Analytical Results 654090

GHD Services, INC- Midland, Midland, TX

Enlink Falcon Spill

Sample Id:	**ES-7A**	Matrix:	Soil	Date Received:	02.28.2020 11:54
Lab Sample Id:	654090-016	Date Collected:	02.27.2020 14:30	Sample Depth:	3 ft

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	ARM			% Moisture:	
Analyst:	ARM	Date Prep:	02.29.2020 10:00	Basis:	Wet Weight
Seq Number:	3118189				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	02.29.2020 20:59	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	02.29.2020 20:59	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	02.29.2020 20:59	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	02.29.2020 20:59	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	100	%	70-135	02.29.2020 20:59	
o-Terphenyl	84-15-1	106	%	70-135	02.29.2020 20:59	

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MIT			% Moisture:	
Analyst:	MIT	Date Prep:	03.04.2020 15:00	Basis:	Wet Weight
Seq Number:	3118615			SUB:	T104704219-19-21

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00100	0.00100	mg/kg	03.05.2020 02:23	U	1
Toluene	108-88-3	<0.00100	0.00100	mg/kg	03.05.2020 02:23	U	1
Ethylbenzene	100-41-4	<0.00100	0.00100	mg/kg	03.05.2020 02:23	U	1
m,p-Xylenes	179601-23-1	<0.00201	0.00201	mg/kg	03.05.2020 02:23	U	1
o-Xylene	95-47-6	<0.00100	0.00100	mg/kg	03.05.2020 02:23	U	1
Total Xylenes	1330-20-7	<0.00100	0.00100	mg/kg	03.05.2020 02:23	U	1
Total BTEX		<0.00100	0.00100	mg/kg	03.05.2020 02:23	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	111	%	68-120	03.05.2020 02:23	
a,a,a-Trifluorotoluene	98-08-8	111	%	71-121	03.05.2020 02:23	

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Sample Id:	**SL-16**	Matrix:	Soil	Date Received:	02.28.2020 11:54
Lab Sample Id:	654090-017	Date Collected:	02.27.2020 15:30	Sample Depth:	7 ft

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	ARM			% Moisture:	
Analyst:	ARM	Date Prep:	02.29.2020 10:00	Basis:	Wet Weight
Seq Number:	3118189				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**169**	50.0	mg/kg	02.29.2020 21:20		1
Diesel Range Organics (DRO)	C10C28DRO	**701**	50.0	mg/kg	02.29.2020 21:20		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**56.9**	50.0	mg/kg	02.29.2020 21:20		1
Total TPH	PHC635	**927**	50.0	mg/kg	02.29.2020 21:20		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	102	%	70-135	02.29.2020 21:20	
o-Terphenyl	84-15-1	102	%	70-135	02.29.2020 21:20	

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MIT			% Moisture:	
Analyst:	MIT	Date Prep:	03.04.2020 15:00	Basis:	Wet Weight
Seq Number:	3118615			SUB:	T104704219-19-21

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00100	0.00100	mg/kg	03.05.2020 02:50	U	1
Toluene	108-88-3	<0.00100	0.00100	mg/kg	03.05.2020 02:50	U	1
Ethylbenzene	100-41-4	<0.00100	0.00100	mg/kg	03.05.2020 02:50	U	1
m,p-Xylenes	179601-23-1	**0.0507**	0.00201	mg/kg	03.05.2020 02:50		1
o-Xylene	95-47-6	**0.0190**	0.00100	mg/kg	03.05.2020 02:50		1
Total Xylenes	1330-20-7	**0.0697**	0.00100	mg/kg	03.05.2020 02:50		1
Total BTEX		**0.0697**	0.00100	mg/kg	03.05.2020 02:50		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	131	%	68-120	03.05.2020 02:50	**
a,a,a-Trifluorotoluene	98-08-8	108	%	71-121	03.05.2020 02:50	

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Sample Id:	**SL-17**	Matrix:	Soil	Date Received:	02.28.2020 11:54
Lab Sample Id:	654090-018	Date Collected:	02.27.2020 16:00	Sample Depth:	7.5 ft

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	ARM			% Moisture:	
Analyst:	ARM	Date Prep:	02.29.2020 10:00	Basis:	Wet Weight
Seq Number:	3118189				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	02.29.2020 21:41	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	02.29.2020 21:41	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	02.29.2020 21:41	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	02.29.2020 21:41	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	96	%	70-135	02.29.2020 21:41	
o-Terphenyl	84-15-1	97	%	70-135	02.29.2020 21:41	

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MIT			% Moisture:	
Analyst:	MIT	Date Prep:	03.04.2020 15:00	Basis:	Wet Weight
Seq Number:	3118615			SUB:	T104704219-19-21

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.000994	0.000994	mg/kg	03.05.2020 03:17	U	1
Toluene	108-88-3	<0.000994	0.000994	mg/kg	03.05.2020 03:17	U	1
Ethylbenzene	100-41-4	<0.000994	0.000994	mg/kg	03.05.2020 03:17	U	1
m,p-Xylenes	179601-23-1	<0.00199	0.00199	mg/kg	03.05.2020 03:17	U	1
o-Xylene	95-47-6	<0.000994	0.000994	mg/kg	03.05.2020 03:17	U	1
Total Xylenes	1330-20-7	<0.000994	0.000994	mg/kg	03.05.2020 03:17	U	1
Total BTEX		<0.000994	0.000994	mg/kg	03.05.2020 03:17	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	110	%	68-120	03.05.2020 03:17	
a,a,a-Trifluorotoluene	98-08-8	108	%	71-121	03.05.2020 03:17	

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Sample Id:	**SL-18**	Matrix:	Soil	Date Received:	02.28.2020 11:54
Lab Sample Id:	654090-019	Date Collected:	02.27.2020 16:45	Sample Depth:	8 ft

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	ARM			% Moisture:	
Analyst:	ARM	Date Prep:	02.29.2020 10:00	Basis:	Wet Weight
Seq Number:	3118189				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	02.29.2020 22:02	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	02.29.2020 22:02	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	02.29.2020 22:02	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	02.29.2020 22:02	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	100	%	70-135	02.29.2020 22:02	
o-Terphenyl	84-15-1	104	%	70-135	02.29.2020 22:02	

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MIT			% Moisture:	
Analyst:	MIT	Date Prep:	03.04.2020 15:00	Basis:	Wet Weight
Seq Number:	3118615			SUB:	T104704219-19-21

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00100	0.00100	mg/kg	03.05.2020 05:04	U	1
Toluene	108-88-3	<0.00100	0.00100	mg/kg	03.05.2020 05:04	U	1
Ethylbenzene	100-41-4	<0.00100	0.00100	mg/kg	03.05.2020 05:04	U	1
m,p-Xylenes	179601-23-1	<0.00201	0.00201	mg/kg	03.05.2020 05:04	U	1
o-Xylene	95-47-6	**0.00110**	0.00100	mg/kg	03.05.2020 05:04		1
Total Xylenes	1330-20-7	**0.00110**	0.00100	mg/kg	03.05.2020 05:04		1
Total BTEX		**0.00110**	0.00100	mg/kg	03.05.2020 05:04		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	111	%	68-120	03.05.2020 05:04	
a,a,a-Trifluorotoluene	98-08-8	112	%	71-121	03.05.2020 05:04	

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Sample Id:	**HD-1**	Matrix:	Soil	Date Received:	02.28.2020 11:54
Lab Sample Id:	654090-020	Date Collected:	02.27.2020 10:45	Sample Depth:	0 - 6 In

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	ARM			% Moisture:	
Analyst:	ARM	Date Prep:	02.29.2020 10:00	Basis:	Wet Weight
Seq Number:	3118189				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	02.29.2020 22:23	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	02.29.2020 22:23	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	02.29.2020 22:23	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	02.29.2020 22:23	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	98	%	70-135	02.29.2020 22:23	
o-Terphenyl	84-15-1	101	%	70-135	02.29.2020 22:23	

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MIT			% Moisture:	
Analyst:	MIT	Date Prep:	03.05.2020 14:00	Basis:	Wet Weight
Seq Number:	3118765			SUB:	T104704219-19-21

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.000996	0.000996	mg/kg	03.05.2020 18:54	U	1
Toluene	108-88-3	<0.000996	0.000996	mg/kg	03.05.2020 18:54	U	1
Ethylbenzene	100-41-4	<0.000996	0.000996	mg/kg	03.05.2020 18:54	U	1
m,p-Xylenes	179601-23-1	<0.00199	0.00199	mg/kg	03.05.2020 18:54	U	1
o-Xylene	95-47-6	<0.000996	0.000996	mg/kg	03.05.2020 18:54	U	1
Total Xylenes	1330-20-7	<0.000996	0.000996	mg/kg	03.05.2020 18:54	U	1
Total BTEX		<0.000996	0.000996	mg/kg	03.05.2020 18:54	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	118	%	68-120	03.05.2020 18:54	
a,a,a-Trifluorotoluene	98-08-8	110	%	71-121	03.05.2020 18:54	

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Sample Id:	**HD-2**	Matrix:	Soil	Date Received:	02.28.2020 11:54
Lab Sample Id:	654090-021	Date Collected:	02.27.2020 11:00	Sample Depth:	0 - 6 In

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	03.04.2020 11:40	Basis:	Wet Weight
Seq Number:	3118568				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<5.02	5.02	mg/kg	03.04.2020 13:32	U	1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	ARM			% Moisture:	
Analyst:	ARM	Date Prep:	02.29.2020 10:00	Basis:	Wet Weight
Seq Number:	3118190				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	03.01.2020 00:07	U	1
Diesel Range Organics (DRO)	C10C28DRO	**109**	49.9	mg/kg	03.01.2020 00:07		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	03.01.2020 00:07	U	1
Total TPH	PHC635	**109**	49.9	mg/kg	03.01.2020 00:07		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	96	%	70-135	03.01.2020 00:07	
o-Terphenyl	84-15-1	101	%	70-135	03.01.2020 00:07	

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Sample Id:	**HD-2**	Matrix:	Soil	Date Received:	02.28.2020 11:54
Lab Sample Id:	654090-021	Date Collected:	02.27.2020 11:00	Sample Depth:	0 - 6 In
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MIT			% Moisture:	
Analyst:	MIT	Date Prep:	03.04.2020 15:00	Basis:	Wet Weight
Seq Number:	3118615			SUB:	T104704219-19-21

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.000990	0.000990	mg/kg	03.05.2020 05:31	U	1
Toluene	108-88-3	<0.000990	0.000990	mg/kg	03.05.2020 05:31	U	1
Ethylbenzene	100-41-4	<0.000990	0.000990	mg/kg	03.05.2020 05:31	U	1
m,p-Xylenes	179601-23-1	<0.00198	0.00198	mg/kg	03.05.2020 05:31	U	1
o-Xylene	95-47-6	<0.000990	0.000990	mg/kg	03.05.2020 05:31	U	1
Total Xylenes	1330-20-7	<0.000990	0.000990	mg/kg	03.05.2020 05:31	U	1
Total BTEX		<0.000990	0.000990	mg/kg	03.05.2020 05:31	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	110	%	68-120	03.05.2020 05:31	
a,a,a-Trifluorotoluene	98-08-8	110	%	71-121	03.05.2020 05:31	

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Sample Id:	**HD-3**	Matrix:	Soil	Date Received:	02.28.2020 11:54
Lab Sample Id:	654090-022	Date Collected:	02.27.2020 11:15	Sample Depth:	0 - 6 In

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	ARM			% Moisture:	
Analyst:	ARM	Date Prep:	02.29.2020 10:00	Basis:	Wet Weight
Seq Number:	3118190				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	03.01.2020 01:10	U	1
Diesel Range Organics (DRO)	C10C28DRO	**74.8**	49.8	mg/kg	03.01.2020 01:10		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	03.01.2020 01:10	U	1
Total TPH	PHC635	**74.8**	49.8	mg/kg	03.01.2020 01:10		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	96	%	70-135	03.01.2020 01:10	
o-Terphenyl	84-15-1	101	%	70-135	03.01.2020 01:10	

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MIT			% Moisture:	
Analyst:	MIT	Date Prep:	03.04.2020 15:00	Basis:	Wet Weight
Seq Number:	3118615			SUB:	T104704219-19-21

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00100	0.00100	mg/kg	03.05.2020 05:58	U	1
Toluene	108-88-3	<0.00100	0.00100	mg/kg	03.05.2020 05:58	U	1
Ethylbenzene	100-41-4	<0.00100	0.00100	mg/kg	03.05.2020 05:58	U	1
m,p-Xylenes	179601-23-1	<0.00200	0.00200	mg/kg	03.05.2020 05:58	U	1
o-Xylene	95-47-6	<0.00100	0.00100	mg/kg	03.05.2020 05:58	U	1
Total Xylenes	1330-20-7	<0.00100	0.00100	mg/kg	03.05.2020 05:58	U	1
Total BTEX		<0.00100	0.00100	mg/kg	03.05.2020 05:58	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	110	%	68-120	03.05.2020 05:58	
a,a,a-Trifluorotoluene	98-08-8	109	%	71-121	03.05.2020 05:58	

Certificate of Analytical Results 654090

GHD Services, INC- Midland, Midland, TX

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Sample Id:	**HD-4**	Matrix:	Soil	Date Received:	02.28.2020 11:54
Lab Sample Id:	654090-023	Date Collected:	02.27.2020 11:30	Sample Depth:	0 - 6 In

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	ARM			% Moisture:	
Analyst:	ARM	Date Prep:	02.29.2020 10:00	Basis:	Wet Weight
Seq Number:	3118190				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	03.01.2020 01:31	U	1
Diesel Range Organics (DRO)	C10C28DRO	**82.1**	50.0	mg/kg	03.01.2020 01:31		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	03.01.2020 01:31	U	1
Total TPH	PHC635	**82.1**	50.0	mg/kg	03.01.2020 01:31		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	101	%	70-135	03.01.2020 01:31	
o-Terphenyl	84-15-1	106	%	70-135	03.01.2020 01:31	

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MIT			% Moisture:	
Analyst:	MIT	Date Prep:	03.04.2020 15:00	Basis:	Wet Weight
Seq Number:	3118615			SUB:	T104704219-19-21

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00101	0.00101	mg/kg	03.05.2020 06:25	U	1
Toluene	108-88-3	<0.00101	0.00101	mg/kg	03.05.2020 06:25	U	1
Ethylbenzene	100-41-4	<0.00101	0.00101	mg/kg	03.05.2020 06:25	U	1
m,p-Xylenes	179601-23-1	<0.00202	0.00202	mg/kg	03.05.2020 06:25	U	1
o-Xylene	95-47-6	<0.00101	0.00101	mg/kg	03.05.2020 06:25	U	1
Total Xylenes	1330-20-7	<0.00101	0.00101	mg/kg	03.05.2020 06:25	U	1
Total BTEX		<0.00101	0.00101	mg/kg	03.05.2020 06:25	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	110	%	68-120	03.05.2020 06:25	
a,a,a-Trifluorotoluene	98-08-8	107	%	71-121	03.05.2020 06:25	

Certificate of Analytical Results 654090

GHD Services, INC- Midland, Midland, TX

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Sample Id:	**HD-5**	Matrix:	Soil	Date Received:	02.28.2020 11:54
Lab Sample Id:	654090-024	Date Collected:	02.27.2020 11:45	Sample Depth:	0 - 6 In

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	ARM			% Moisture:	
Analyst:	ARM	Date Prep:	02.29.2020 10:00	Basis:	Wet Weight
Seq Number:	3118190				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	03.01.2020 01:52	U	1
Diesel Range Organics (DRO)	C10C28DRO	**80.1**	50.0	mg/kg	03.01.2020 01:52		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	03.01.2020 01:52	U	1
Total TPH	PHC635	**80.1**	50.0	mg/kg	03.01.2020 01:52		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	102	%	70-135	03.01.2020 01:52	
o-Terphenyl	84-15-1	105	%	70-135	03.01.2020 01:52	

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MIT			% Moisture:	
Analyst:	MIT	Date Prep:	03.04.2020 15:00	Basis:	Wet Weight
Seq Number:	3118615			SUB:	T104704219-19-21

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.000998	0.000998	mg/kg	03.05.2020 06:52	U	1
Toluene	108-88-3	<0.000998	0.000998	mg/kg	03.05.2020 06:52	U	1
Ethylbenzene	100-41-4	<0.000998	0.000998	mg/kg	03.05.2020 06:52	U	1
m,p-Xylenes	179601-23-1	<0.00200	0.00200	mg/kg	03.05.2020 06:52	U	1
o-Xylene	95-47-6	<0.000998	0.000998	mg/kg	03.05.2020 06:52	U	1
Total Xylenes	1330-20-7	<0.000998	0.000998	mg/kg	03.05.2020 06:52	U	1
Total BTEX		<0.000998	0.000998	mg/kg	03.05.2020 06:52	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	111	%	68-120	03.05.2020 06:52	
a,a,a-Trifluorotoluene	98-08-8	108	%	71-121	03.05.2020 06:52	

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Enlink Falcon Spill

Sample Id:	**HD-6**	Matrix:	Soil	Date Received:	02.28.2020 11:54
Lab Sample Id:	654090-025	Date Collected:	02.27.2020 12:00	Sample Depth:	0 - 6 In

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	ARM			% Moisture:	
Analyst:	ARM	Date Prep:	02.29.2020 10:00	Basis:	Wet Weight
Seq Number:	3118190				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	03.01.2020 02:13	U	1
Diesel Range Organics (DRO)	C10C28DRO	**96.2**	49.9	mg/kg	03.01.2020 02:13		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	03.01.2020 02:13	U	1
Total TPH	PHC635	**96.2**	49.9	mg/kg	03.01.2020 02:13		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	99	%	70-135	03.01.2020 02:13	
o-Terphenyl	84-15-1	103	%	70-135	03.01.2020 02:13	

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MIT			% Moisture:	
Analyst:	MIT	Date Prep:	03.04.2020 15:00	Basis:	Wet Weight
Seq Number:	3118615			SUB:	T104704219-19-21

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00100	0.00100	mg/kg	03.05.2020 07:19	U	1
Toluene	108-88-3	<0.00100	0.00100	mg/kg	03.05.2020 07:19	U	1
Ethylbenzene	100-41-4	<0.00100	0.00100	mg/kg	03.05.2020 07:19	U	1
m,p-Xylenes	179601-23-1	<0.00200	0.00200	mg/kg	03.05.2020 07:19	U	1
o-Xylene	95-47-6	<0.00100	0.00100	mg/kg	03.05.2020 07:19	U	1
Total Xylenes	1330-20-7	<0.00100	0.00100	mg/kg	03.05.2020 07:19	U	1
Total BTEX		<0.00100	0.00100	mg/kg	03.05.2020 07:19	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	111	%	68-120	03.05.2020 07:19	
a,a,a-Trifluorotoluene	98-08-8	107	%	71-121	03.05.2020 07:19	

Certificate of Analytical Results 654090

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Sample Id:	**HD-7**	Matrix:	Soil	Date Received:	02.28.2020 11:54
Lab Sample Id:	654090-026	Date Collected:	02.27.2020 12:15	Sample Depth:	0 - 6 In

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	ARM			% Moisture:	
Analyst:	ARM	Date Prep:	02.29.2020 10:00	Basis:	Wet Weight
Seq Number:	3118190				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	03.01.2020 02:34	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	03.01.2020 02:34	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	03.01.2020 02:34	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	03.01.2020 02:34	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	103	%	70-135	03.01.2020 02:34	
o-Terphenyl	84-15-1	107	%	70-135	03.01.2020 02:34	

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MIT			% Moisture:	
Analyst:	MIT	Date Prep:	03.04.2020 15:00	Basis:	Wet Weight
Seq Number:	3118615			SUB:	T104704219-19-21

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.000994	0.000994	mg/kg	03.05.2020 07:46	U	1
Toluene	108-88-3	<0.000994	0.000994	mg/kg	03.05.2020 07:46	U	1
Ethylbenzene	100-41-4	<0.000994	0.000994	mg/kg	03.05.2020 07:46	U	1
m,p-Xylenes	179601-23-1	<0.00199	0.00199	mg/kg	03.05.2020 07:46	U	1
o-Xylene	95-47-6	<0.000994	0.000994	mg/kg	03.05.2020 07:46	U	1
Total Xylenes	1330-20-7	<0.000994	0.000994	mg/kg	03.05.2020 07:46	U	1
Total BTEX		<0.000994	0.000994	mg/kg	03.05.2020 07:46	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	111	%	68-120	03.05.2020 07:46	
a,a,a-Trifluorotoluene	98-08-8	107	%	71-121	03.05.2020 07:46	

Certificate of Analytical Results 654090

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Sample Id:	**HD-8**	Matrix:	Soil	Date Received:	02.28.2020 11:54
Lab Sample Id:	654090-027	Date Collected:	02.27.2020 12:30	Sample Depth:	0 - 6 In

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	ARM			% Moisture:	
Analyst:	ARM	Date Prep:	02.29.2020 10:00	Basis:	Wet Weight
Seq Number:	3118190				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	03.01.2020 02:55	U	1
Diesel Range Organics (DRO)	C10C28DRO	**114**	49.8	mg/kg	03.01.2020 02:55		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	03.01.2020 02:55	U	1
Total TPH	PHC635	**114**	49.8	mg/kg	03.01.2020 02:55		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	101	%	70-135	03.01.2020 02:55	
o-Terphenyl	84-15-1	105	%	70-135	03.01.2020 02:55	

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MIT			% Moisture:	
Analyst:	MIT	Date Prep:	03.04.2020 15:00	Basis:	Wet Weight
Seq Number:	3118615			SUB:	T104704219-19-21

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00100	0.00100	mg/kg	03.05.2020 08:13	U	1
Toluene	108-88-3	<0.00100	0.00100	mg/kg	03.05.2020 08:13	U	1
Ethylbenzene	100-41-4	<0.00100	0.00100	mg/kg	03.05.2020 08:13	U	1
m,p-Xylenes	179601-23-1	<0.00201	0.00201	mg/kg	03.05.2020 08:13	U	1
o-Xylene	95-47-6	<0.00100	0.00100	mg/kg	03.05.2020 08:13	U	1
Total Xylenes	1330-20-7	<0.00100	0.00100	mg/kg	03.05.2020 08:13	U	1
Total BTEX		<0.00100	0.00100	mg/kg	03.05.2020 08:13	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	111	%	68-120	03.05.2020 08:13	
a,a,a-Trifluorotoluene	98-08-8	109	%	71-121	03.05.2020 08:13	

Certificate of Analytical Results 654090

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Sample Id:	**HD-9**	Matrix:	Soil	Date Received:	02.28.2020 11:54
Lab Sample Id:	654090-028	Date Collected:	02.27.2020 12:45	Sample Depth:	0 - 6 In

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	ARM			% Moisture:	
Analyst:	ARM	Date Prep:	02.29.2020 10:00	Basis:	Wet Weight
Seq Number:	3118190				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	03.01.2020 03:16	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	03.01.2020 03:16	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	03.01.2020 03:16	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	03.01.2020 03:16	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	102	%	70-135	03.01.2020 03:16	
o-Terphenyl	84-15-1	105	%	70-135	03.01.2020 03:16	

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MIT			% Moisture:	
Analyst:	MIT	Date Prep:	03.04.2020 15:00	Basis:	Wet Weight
Seq Number:	3118615			SUB:	T104704219-19-21

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.000994	0.000994	mg/kg	03.05.2020 08:40	U	1
Toluene	108-88-3	<0.000994	0.000994	mg/kg	03.05.2020 08:40	U	1
Ethylbenzene	100-41-4	<0.000994	0.000994	mg/kg	03.05.2020 08:40	U	1
m,p-Xylenes	179601-23-1	<0.00199	0.00199	mg/kg	03.05.2020 08:40	U	1
o-Xylene	95-47-6	<0.000994	0.000994	mg/kg	03.05.2020 08:40	U	1
Total Xylenes	1330-20-7	<0.000994	0.000994	mg/kg	03.05.2020 08:40	U	1
Total BTEX		<0.000994	0.000994	mg/kg	03.05.2020 08:40	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	111	%	68-120	03.05.2020 08:40	
a,a,a-Trifluorotoluene	98-08-8	109	%	71-121	03.05.2020 08:40	

Certificate of Analytical Results 654090

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Sample Id:	**HD-10**	Matrix:	Soil	Date Received:	02.28.2020 11:54
Lab Sample Id:	654090-029	Date Collected:	02.27.2020 13:00	Sample Depth:	0 - 6 In

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	ARM			% Moisture:	
Analyst:	ARM	Date Prep:	02.29.2020 10:00	Basis:	Wet Weight
Seq Number:	3118190				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	03.01.2020 03:37	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	03.01.2020 03:37	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	03.01.2020 03:37	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	03.01.2020 03:37	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	100	%	70-135	03.01.2020 03:37	
o-Terphenyl	84-15-1	104	%	70-135	03.01.2020 03:37	

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MIT			% Moisture:	
Analyst:	MIT	Date Prep:	03.04.2020 15:00	Basis:	Wet Weight
Seq Number:	3118615			SUB:	T104704219-19-21

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.000996	0.000996	mg/kg	03.05.2020 09:06	U	1
Toluene	108-88-3	<0.000996	0.000996	mg/kg	03.05.2020 09:06	U	1
Ethylbenzene	100-41-4	<0.000996	0.000996	mg/kg	03.05.2020 09:06	U	1
m,p-Xylenes	179601-23-1	<0.00199	0.00199	mg/kg	03.05.2020 09:06	U	1
o-Xylene	95-47-6	<0.000996	0.000996	mg/kg	03.05.2020 09:06	U	1
Total Xylenes	1330-20-7	<0.000996	0.000996	mg/kg	03.05.2020 09:06	U	1
Total BTEX		<0.000996	0.000996	mg/kg	03.05.2020 09:06	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	114	%	68-120	03.05.2020 09:06	
a,a,a-Trifluorotoluene	98-08-8	110	%	71-121	03.05.2020 09:06	

Certificate of Analytical Results 654090

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Sample Id:	**HD-11**	Matrix:	Soil	Date Received:	02.28.2020 11:54
Lab Sample Id:	654090-030	Date Collected:	02.27.2020 13:15	Sample Depth:	0 - 6 In

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	ARM			% Moisture:	
Analyst:	ARM	Date Prep:	02.29.2020 10:00	Basis:	Wet Weight
Seq Number:	3118190				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	03.01.2020 03:57	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	03.01.2020 03:57	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	03.01.2020 03:57	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	03.01.2020 03:57	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	104	%	70-135	03.01.2020 03:57	
o-Terphenyl	84-15-1	108	%	70-135	03.01.2020 03:57	

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MIT			% Moisture:	
Analyst:	MIT	Date Prep:	03.05.2020 14:00	Basis:	Wet Weight
Seq Number:	3118765			SUB:	T104704219-19-21

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00100	0.00100	mg/kg	03.05.2020 20:41	U	1
Toluene	108-88-3	<0.00100	0.00100	mg/kg	03.05.2020 20:41	U	1
Ethylbenzene	100-41-4	<0.00100	0.00100	mg/kg	03.05.2020 20:41	U	1
m,p-Xylenes	179601-23-1	<0.00200	0.00200	mg/kg	03.05.2020 20:41	U	1
o-Xylene	95-47-6	<0.00100	0.00100	mg/kg	03.05.2020 20:41	U	1
Total Xylenes	1330-20-7	<0.00100	0.00100	mg/kg	03.05.2020 20:41	U	1
Total BTEX		<0.00100	0.00100	mg/kg	03.05.2020 20:41	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	116	%	68-120	03.05.2020 20:41	
a,a,a-Trifluorotoluene	98-08-8	111	%	71-121	03.05.2020 20:41	

Certificate of Analytical Results 654090

GHD Services, INC- Midland, Midland, TX

Enlink Falcon Spill

Sample Id:	**HD-12**	Matrix:	Soil	Date Received:	02.28.2020 11:54
Lab Sample Id:	654090-031	Date Collected:	02.27.2020 13:30	Sample Depth:	0 - 6 In

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	ARM			% Moisture:	
Analyst:	ARM	Date Prep:	02.29.2020 10:00	Basis:	Wet Weight
Seq Number:	3118190				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	03.01.2020 04:39	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	03.01.2020 04:39	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	03.01.2020 04:39	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	03.01.2020 04:39	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	99	%	70-135	03.01.2020 04:39	
o-Terphenyl	84-15-1	103	%	70-135	03.01.2020 04:39	

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MIT			% Moisture:	
Analyst:	MIT	Date Prep:	03.05.2020 14:00	Basis:	Wet Weight
Seq Number:	3118765			SUB:	T104704219-19-21

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.000994	0.000994	mg/kg	03.05.2020 21:08	U	1
Toluene	108-88-3	<0.000994	0.000994	mg/kg	03.05.2020 21:08	U	1
Ethylbenzene	100-41-4	<0.000994	0.000994	mg/kg	03.05.2020 21:08	U	1
m,p-Xylenes	179601-23-1	<0.00199	0.00199	mg/kg	03.05.2020 21:08	U	1
o-Xylene	95-47-6	<0.000994	0.000994	mg/kg	03.05.2020 21:08	U	1
Total Xylenes	1330-20-7	<0.000994	0.000994	mg/kg	03.05.2020 21:08	U	1
Total BTEX		<0.000994	0.000994	mg/kg	03.05.2020 21:08	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	75	%	68-120	03.05.2020 21:08	
a,a,a-Trifluorotoluene	98-08-8	78	%	71-121	03.05.2020 21:08	

Certificate of Analytical Results 654090

GHD Services, INC- Midland, Midland, TX

Enlink Falcon Spill

Sample Id:	**HD-13**	Matrix:	Soil	Date Received:	02.28.2020 11:54
Lab Sample Id:	654090-032	Date Collected:	02.27.2020 13:45	Sample Depth:	0 - 6 In

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	03.04.2020 11:40	Basis:	Wet Weight
Seq Number:	3118568				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<5.00	5.00	mg/kg	03.04.2020 13:48	U	1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	ARM			% Moisture:	
Analyst:	ARM	Date Prep:	02.29.2020 10:00	Basis:	Wet Weight
Seq Number:	3118190				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	03.01.2020 05:00	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	03.01.2020 05:00	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	03.01.2020 05:00	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	03.01.2020 05:00	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	100	%	70-135	03.01.2020 05:00	
o-Terphenyl	84-15-1	102	%	70-135	03.01.2020 05:00	

Certificate of Analytical Results 654090

GHD Services, INC- Midland, Midland, TX

Enlink Falcon Spill

Sample Id:	**HD-13**	Matrix:	Soil	Date Received:	02.28.2020 11:54
Lab Sample Id:	654090-032	Date Collected:	02.27.2020 13:45	Sample Depth:	0 - 6 In
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MIT			% Moisture:	
Analyst:	MIT	Date Prep:	03.05.2020 14:00	Basis:	Wet Weight
Seq Number:	3118765			SUB:	T104704219-19-21

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.000994	0.000994	mg/kg	03.05.2020 21:34	U	1
Toluene	108-88-3	<0.000994	0.000994	mg/kg	03.05.2020 21:34	U	1
Ethylbenzene	100-41-4	<0.000994	0.000994	mg/kg	03.05.2020 21:34	U	1
m,p-Xylenes	179601-23-1	<0.00199	0.00199	mg/kg	03.05.2020 21:34	U	1
o-Xylene	95-47-6	<0.000994	0.000994	mg/kg	03.05.2020 21:34	U	1
Total Xylenes	1330-20-7	<0.000994	0.000994	mg/kg	03.05.2020 21:34	U	1
Total BTEX		<0.000994	0.000994	mg/kg	03.05.2020 21:34	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	117	%	68-120	03.05.2020 21:34	
a,a,a-Trifluorotoluene	98-08-8	112	%	71-121	03.05.2020 21:34	

Certificate of Analytical Results 654090

GHD Services, INC- Midland, Midland, TX

Enlink Falcon Spill

Sample Id:	**HD-14**	Matrix:	Soil	Date Received:	02.28.2020 11:54
Lab Sample Id:	654090-033	Date Collected:	02.27.2020 14:00	Sample Depth:	0 - 6 In

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	ARM			% Moisture:	
Analyst:	ARM	Date Prep:	02.29.2020 10:00	Basis:	Wet Weight
Seq Number:	3118190				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	03.01.2020 05:21	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	03.01.2020 05:21	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	03.01.2020 05:21	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	03.01.2020 05:21	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	101	%	70-135	03.01.2020 05:21	
o-Terphenyl	84-15-1	104	%	70-135	03.01.2020 05:21	

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MIT			% Moisture:	
Analyst:	MIT	Date Prep:	03.05.2020 14:00	Basis:	Wet Weight
Seq Number:	3118765			SUB:	T104704219-19-21

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.000994	0.000994	mg/kg	03.05.2020 22:00	U	1
Toluene	108-88-3	<0.000994	0.000994	mg/kg	03.05.2020 22:00	U	1
Ethylbenzene	100-41-4	<0.000994	0.000994	mg/kg	03.05.2020 22:00	U	1
m,p-Xylenes	179601-23-1	<0.00199	0.00199	mg/kg	03.05.2020 22:00	U	1
o-Xylene	95-47-6	<0.000994	0.000994	mg/kg	03.05.2020 22:00	U	1
Total Xylenes	1330-20-7	<0.000994	0.000994	mg/kg	03.05.2020 22:00	U	1
Total BTEX		<0.000994	0.000994	mg/kg	03.05.2020 22:00	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	117	%	68-120	03.05.2020 22:00	
a,a,a-Trifluorotoluene	98-08-8	111	%	71-121	03.05.2020 22:00	

Certificate of Analytical Results 654090

GHD Services, INC- Midland, Midland, TX

Enlink Falcon Spill

Sample Id:	**HD-15**	Matrix:	Soil	Date Received:	02.28.2020 11:54
Lab Sample Id:	654090-034	Date Collected:	02.27.2020 14:15	Sample Depth:	0 - 6 In

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	ARM			% Moisture:	
Analyst:	ARM	Date Prep:	02.29.2020 10:00	Basis:	Wet Weight
Seq Number:	3118190				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	03.01.2020 05:42	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	03.01.2020 05:42	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	03.01.2020 05:42	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	03.01.2020 05:42	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	97	%	70-135	03.01.2020 05:42	
o-Terphenyl	84-15-1	100	%	70-135	03.01.2020 05:42	

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MIT			% Moisture:	
Analyst:	MIT	Date Prep:	03.05.2020 14:00	Basis:	Wet Weight
Seq Number:	3118765			SUB:	T104704219-19-21

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.000992	0.000992	mg/kg	03.05.2020 22:27	U	1
Toluene	108-88-3	<0.000992	0.000992	mg/kg	03.05.2020 22:27	U	1
Ethylbenzene	100-41-4	<0.000992	0.000992	mg/kg	03.05.2020 22:27	U	1
m,p-Xylenes	179601-23-1	<0.00198	0.00198	mg/kg	03.05.2020 22:27	U	1
o-Xylene	95-47-6	<0.000992	0.000992	mg/kg	03.05.2020 22:27	U	1
Total Xylenes	1330-20-7	<0.000992	0.000992	mg/kg	03.05.2020 22:27	U	1
Total BTEX		<0.000992	0.000992	mg/kg	03.05.2020 22:27	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	117	%	68-120	03.05.2020 22:27	
a,a,a-Trifluorotoluene	98-08-8	114	%	71-121	03.05.2020 22:27	

Flagging Criteria

X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.

D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

F RPD exceeded lab control limits.

J The target analyte was positively identified below the quantitation limit and above the detection limit.

U Analyte was not detected.

L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

K Sample analyzed outside of recommended hold time.

JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

** Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit. **ND** Not Detected.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

SMP Client Sample **BLK** Method Blank

BKS/LCS Blank Spike/Laboratory Control Sample **BKSD/LCSD** Blank Spike Duplicate/Laboratory Control Sample Duplicate

MD/SD Method Duplicate/Sample Duplicate **MS** Matrix Spike **MSD:** Matrix Spike Duplicate

+ NELAC certification not offered for this compound.

***** (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

QC Summary 654090

GHD Services, INC- Midland

Enlink Falcon Spill

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3118568 — Matrix: Solid — Date Prep: 03.04.2020
MB Sample Id: 7698046-1-BLK — LCS Sample Id: 7698046-1-BKS — LCSD Sample Id: 7698046-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<5.00	250	247	99	243	97	90-110	2	20	mg/kg	03.04.2020 12:08	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3118568 — Matrix: Soil — Date Prep: 03.04.2020
Parent Sample Id: 654090-021 — MS Sample Id: 654090-021 S — MSD Sample Id: 654090-021 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	4.47	251	254	99	253	99	90-110	0	20	mg/kg	03.04.2020 13:38	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3118568 — Matrix: Soil — Date Prep: 03.04.2020
Parent Sample Id: 654255-001 — MS Sample Id: 654255-001 S — MSD Sample Id: 654255-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	383	249	618	94	618	94	90-110	0	20	mg/kg	03.04.2020 12:24	

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3118189 — Matrix: Solid — Date Prep: 02.29.2020
MB Sample Id: 7697817-1-BLK — LCS Sample Id: 7697817-1-BKS — LCSD Sample Id: 7697817-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<15.0	1000	970	97	913	91	70-135	6	20	mg/kg	02.29.2020 14:01	
Diesel Range Organics (DRO)	<15.0	1000	1120	112	1030	103	70-135	8	20	mg/kg	02.29.2020 14:01	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	94		101		92		70-135	%	02.29.2020 14:01
o-Terphenyl	98		107		94		70-135	%	02.29.2020 14:01

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3118190 — Matrix: Solid — Date Prep: 02.29.2020
MB Sample Id: 7697820-1-BLK — LCS Sample Id: 7697820-1-BKS — LCSD Sample Id: 7697820-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<15.0	1000	1050	105	1080	108	70-135	3	20	mg/kg	02.29.2020 23:26	
Diesel Range Organics (DRO)	<15.0	1000	1160	116	1200	120	70-135	3	20	mg/kg	02.29.2020 23:26	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	94		104		111		70-135	%	02.29.2020 23:26
o-Terphenyl	98		108		106		70-135	%	02.29.2020 23:26

MS/MSD Percent Recovery [D] = 100*(C-A) / B
Relative Percent Difference RPD = 200* | (C-E) / (C+E) |
LCS/LCSD Recovery [D] = 100 * (C) / [B]
Log Difference Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
A = Parent Result
C = MS/LCS Result
E = MSD/LCSD Result

MS = Matrix Spike
B = Spike Added
D = MSD/LCSD % Rec

QC Summary 654090

GHD Services, INC- Midland

Enlink Falcon Spill

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3118189 — Matrix: Solid — Date Prep: 02.29.2020
MB Sample Id: 7697817-1-BLK

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	02.29.2020 13:40	

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3118190 — Matrix: Solid — Date Prep: 02.29.2020
MB Sample Id: 7697820-1-BLK

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	02.29.2020 23:04	

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3118189 — Matrix: Soil — Date Prep: 02.29.2020
Parent Sample Id: 654090-001 — MS Sample Id: 654090-001 S — MSD Sample Id: 654090-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	25.1	999	982	96	992	97	70-135	1	20	mg/kg	02.29.2020 15:04	
Diesel Range Organics (DRO)	425	999	1380	96	1390	97	70-135	1	20	mg/kg	02.29.2020 15:04	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	104		105		70-135	%	02.29.2020 15:04
o-Terphenyl	110		115		70-135	%	02.29.2020 15:04

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3118190 — Matrix: Soil — Date Prep: 02.29.2020
Parent Sample Id: 654090-021 — MS Sample Id: 654090-021 S — MSD Sample Id: 654090-021 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	17.3	999	931	91	980	96	70-135	5	20	mg/kg	03.01.2020 00:28	
Diesel Range Organics (DRO)	109	999	1160	105	1190	108	70-135	3	20	mg/kg	03.01.2020 00:28	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	101		103		70-135	%	03.01.2020 00:28
o-Terphenyl	104		107		70-135	%	03.01.2020 00:28

MS/MSD Percent Recovery — [D] = 100*(C-A) / B — LCS = Laboratory Control Sample — MS = Matrix Spike
Relative Percent Difference — RPD = 200* | (C-E) / (C+E) | — A = Parent Result — B = Spike Added
LCS/LCSD Recovery — [D] = 100 * (C) / [B] — C = MS/LCS Result — D = MSD/LCSD % Rec
Log Difference — Log Diff. = Log(Sample Duplicate) - Log(Original Sample) — E = MSD/LCSD Result

QC Summary 654090

GHD Services, INC- Midland

Enlink Falcon Spill

Analytical Method: **BTEX by EPA 8021B** Prep Method: SW5030B
Seq Number: 3118632 Matrix: Solid Date Prep: 03.04.2020
MB Sample Id: 7698138-1-BLK LCS Sample Id: 7698138-1-BKS LCSD Sample Id: 7698138-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00100	0.100	0.101	101	0.0996	100	55-120	1	20	mg/kg	03.04.2020 18:08	
Toluene	<0.00100	0.100	0.110	110	0.107	107	77-120	3	20	mg/kg	03.04.2020 18:08	
Ethylbenzene	<0.00100	0.100	0.116	116	0.114	114	77-120	2	20	mg/kg	03.04.2020 18:08	
m,p-Xylenes	<0.00200	0.200	0.230	115	0.226	113	78-120	2	20	mg/kg	03.04.2020 18:08	
o-Xylene	<0.00100	0.100	0.113	113	0.112	112	78-120	1	20	mg/kg	03.04.2020 18:08	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	127	**	128	**	127	**	68-120	%	03.04.2020 18:08
a,a,a-Trifluorotoluene	126	**	120		120		71-121	%	03.04.2020 18:08

Analytical Method: **BTEX by EPA 8021B** Prep Method: SW5030B
Seq Number: 3118615 Matrix: Solid Date Prep: 03.04.2020
MB Sample Id: 7698130-1-BLK LCS Sample Id: 7698130-1-BKS LCSD Sample Id: 7698130-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00100	0.100	0.104	104	0.102	102	55-120	2	20	mg/kg	03.04.2020 19:39	
Toluene	<0.00100	0.100	0.111	111	0.109	109	77-120	2	20	mg/kg	03.04.2020 19:39	
Ethylbenzene	<0.00100	0.100	0.112	112	0.109	109	77-120	3	20	mg/kg	03.04.2020 19:39	
m,p-Xylenes	<0.00200	0.200	0.222	111	0.217	109	78-120	2	20	mg/kg	03.04.2020 19:39	
o-Xylene	<0.00100	0.100	0.110	110	0.107	107	78-120	3	20	mg/kg	03.04.2020 19:39	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	74		100		100		68-120	%	03.04.2020 19:39
a,a,a-Trifluorotoluene	77		94		95		71-121	%	03.04.2020 19:39

Analytical Method: **BTEX by EPA 8021B** Prep Method: SW5030B
Seq Number: 3118765 Matrix: Solid Date Prep: 03.05.2020
MB Sample Id: 7698252-1-BLK LCS Sample Id: 7698252-1-BKS LCSD Sample Id: 7698252-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00100	0.100	0.109	109	0.109	109	55-120	0	20	mg/kg	03.05.2020 16:40	
Toluene	<0.00100	0.100	0.110	110	0.112	112	77-120	2	20	mg/kg	03.05.2020 16:40	
Ethylbenzene	<0.00100	0.100	0.111	111	0.113	113	77-120	2	20	mg/kg	03.05.2020 16:40	
m,p-Xylenes	<0.00200	0.200	0.221	111	0.223	112	78-120	1	20	mg/kg	03.05.2020 16:40	
o-Xylene	<0.00100	0.100	0.108	108	0.110	110	78-120	2	20	mg/kg	03.05.2020 16:40	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	117		99		98		68-120	%	03.05.2020 16:40
a,a,a-Trifluorotoluene	118		94		91		71-121	%	03.05.2020 16:40

MS/MSD Percent Recovery [D] = 100*(C-A) / B
Relative Percent Difference RPD = 200* | (C-E) / (C+E) |
LCS/LCSD Recovery [D] = 100 * (C) / [B]
Log Difference Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
A = Parent Result
C = MS/LCS Result
E = MSD/LCSD Result

MS = Matrix Spike
B = Spike Added
D = MSD/LCSD % Rec

QC Summary 654090

GHD Services, INC- Midland

Enlink Falcon Spill

Analytical Method: **BTEX by EPA 8021B** Prep Method: SW5030B
Seq Number: 3118632 Matrix: Soil Date Prep: 03.04.2020
Parent Sample Id: 654387-002 MS Sample Id: 654387-002 S MSD Sample Id: 654387-002 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.000982	0.0982	0.0929	95	0.0833	91	54-120	11	25	mg/kg	03.04.2020 21:23	
Toluene	<0.000982	0.0982	0.100	102	0.0903	98	57-120	10	25	mg/kg	03.04.2020 21:23	
Ethylbenzene	<0.000982	0.0982	0.105	107	0.0955	104	58-131	9	25	mg/kg	03.04.2020 21:23	
m,p-Xylenes	<0.00196	0.196	0.208	106	0.189	103	62-124	10	25	mg/kg	03.04.2020 21:23	
o-Xylene	<0.000982	0.0982	0.101	103	0.0922	101	62-124	9	25	mg/kg	03.04.2020 21:23	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	126	**	124	**	68-120	%	03.04.2020 21:23
a,a,a-Trifluorotoluene	125	**	126	**	71-121	%	03.04.2020 21:23

Analytical Method: **BTEX by EPA 8021B** Prep Method: SW5030B
Seq Number: 3118615 Matrix: Soil Date Prep: 03.04.2020
Parent Sample Id: 654090-001 MS Sample Id: 654090-001 S MSD Sample Id: 654090-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.000998	0.0998	0.0701	70	0.0985	99	54-120	34	25	mg/kg	03.04.2020 22:21	F
Toluene	<0.000998	0.0998	0.0727	73	0.110	110	57-120	41	25	mg/kg	03.04.2020 22:21	F
Ethylbenzene	<0.000998	0.0998	0.0760	76	0.116	116	58-131	42	25	mg/kg	03.04.2020 22:21	F
m,p-Xylenes	0.00551	0.200	0.143	69	0.234	114	62-124	48	25	mg/kg	03.04.2020 22:21	F
o-Xylene	0.00170	0.0998	0.0727	71	0.109	107	62-124	40	25	mg/kg	03.04.2020 22:21	F

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	67	**	103		68-120	%	03.04.2020 22:21
a,a,a-Trifluorotoluene	71		97		71-121	%	03.04.2020 22:21

Analytical Method: **BTEX by EPA 8021B** Prep Method: SW5030B
Seq Number: 3118765 Matrix: Soil Date Prep: 03.05.2020
Parent Sample Id: 654090-020 MS Sample Id: 654090-020 S MSD Sample Id: 654090-020 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00100	0.100	0.102	102	0.102	101	54-120	0	25	mg/kg	03.05.2020 19:21	
Toluene	<0.00100	0.100	0.112	112	0.110	109	57-120	2	25	mg/kg	03.05.2020 19:21	
Ethylbenzene	<0.00100	0.100	0.118	118	0.117	116	58-131	1	25	mg/kg	03.05.2020 19:21	
m,p-Xylenes	<0.00200	0.200	0.235	118	0.233	115	62-124	1	25	mg/kg	03.05.2020 19:21	
o-Xylene	<0.00100	0.100	0.116	116	0.113	112	62-124	3	25	mg/kg	03.05.2020 19:21	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	104		104		68-120	%	03.05.2020 19:21
a,a,a-Trifluorotoluene	98		97		71-121	%	03.05.2020 19:21

MS/MSD Percent Recovery [D] = 100*(C-A) / B
Relative Percent Difference RPD = 200* | (C-E) / (C+E) |
LCS/LCSD Recovery [D] = 100 * (C) / [B]
Log Difference Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
A = Parent Result
C = MS/LCS Result
E = MSD/LCSD Result

MS = Matrix Spike
B = Spike Added
D = MSD/LCSD % Rec

Page 176 of 821

Chain of Custody

XENCO LABORATORIES

Houston,TX (281) 240-4200 Dallas,TX (214) 902-0300 San Antonio,TX (210) 509-3334
Midland,TX (432-704-5440) EL Paso,TX (915)585-3443 Lubbock,TX (806)794-1296
Hobbs,NM (575-392-7550) Phoenix,AZ (480-355-0900) Atlanta,GA (770-449-8800) Tampa,FL (813-620-2000)

Work Order No: W54090

www.xenco.com Page 1 of 4

Project Manager:	Tom Larson	Bill to: (if different)	GHD Midland
Company Name:	GHD	Company Name:	
Address:	2135 S Loop 250 West	Address:	
City, State ZIP:	Midland, TX, 79703	City, State ZIP:	
Phone:	432-686-0086 Email:		

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting:Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Enlink Falcon Spill	Turn Around	
Project Number:	11205561-01	Routine	☑
P.O. Number:		Rush:	
Sampler's Name:	G. Sorg	Due Date:	

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Temperature (°C):	3.4	Thermometer ID	
Received Intact:	(Yes) No		
Cooler Custody Seals:	Yes No N/A	Correction Factor:	0
Sample Custody Seals:	Yes No N/A	Total Containers:	

Work Order Notes

New Mexico
Eddy Co Site
Red (5day) TAT

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

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number of Containers	BTEX 8021B	TPH 8015 mod	Sample Comments
SL-1A	S	2-22	1055	5	1	X	X	
SL-2A			1105	5				
SL-3A			1120	4.5				
SL-4A			1150	4.5				
SL-5A			1155	4.5				
SL-6A			1220	4.5				
SL-7A			1230	5				
SL-8A			1235	5				
SL-10A			1240	5				
SL-11A			1320	5				

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010**: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U **1631 / 245.1 / 7470 / 7471** : Hg

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 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 $75.00 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
1		2/28/22 1154	2		
3			4		
5			6		

Revised Date 051418 Rev. 2018.1

Received by OCD: 9/14/2021 1:19:38 PM
Final 1.000
Page 56 of 63
Released to Imaging: 1/6/2022 8:12:55 AM

Page 177 of 821

Chain of Custody

Work Order No: 654090

Houston,TX (281) 240-4200 Dallas,TX (214) 902-0300 San Antonio,TX (210) 509-3334
Midland,TX (432-704-5440) EL Paso,TX (915)585-3443 Lubbock,TX (806)794-1296
Hobbs,NM (575-392-7550) Phoenix,AZ (480-355-0900) Atlanta,GA (770-449-8800) Tampa,FL (813-620-2000)
www.xenco.com Page 2 of 4

Project Manager:	Tom Larsen	Bill to: (if different)	GHD Mid land
Company Name:	GHD	Company Name:	
Address:		Address:	
City, State ZIP:	Midland	City, State ZIP:	
Phone:	Email:		

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Enlink Falcon	Turn Around	
Project Number:	11205561	Routine ☒	
P.O. Number:		Rush:	
Sampler's Name:	G. Seng	Due Date:	

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Temperature (°C):	3.0	Thermometer ID	DE
Received Intact:	(Yes) No		
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	0
Sample Custody Seals:	Yes No (N/A)	Total Containers:	

ANALYSIS REQUEST

Work Order Notes

New Mexico
Eddy Co. Site
5 day TAT

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

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth in feet	Number of Containers	BTEX 8021B	TPH 8015 mod	Sample Comments
SL-12A	S	2/27/20	1135	4	1	X	X	
SL-13A			1335	5.5				
SL-14A			1355	5				
SL-15A			1420	4.5				
ES-11			1500	3.5				
ES-17A			1430	3				
SL-16			15:30	7				
SL-17			16:00	7.5				
SL-18			16:45	8				
	↓	↓			↓	↓	↓	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010**: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U **1631 / 245.1 / 7470 / 7471** : Hg

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		2/28/20 1624	2		
3			4		
5			6		

Revised Date 051418 Rev. 2018.1

Received by OCD: 9/14/2021 1:19:38 PM
Page 57 of 63
Final 1.000
Released to Imaging: 1/6/2022 8:12:55 AM

Page 178 of 821

Chain of Custody

Houston,TX (281) 240-4200 Dallas,TX (214) 902-0300 San Antonio,TX (210) 509-3334
Midland,TX (432-704-5440) EL Paso,TX (915)585-3443 Lubbock,TX (806)794-1296
Hobbs,NM (575-392-7550) Phoenix,AZ (480-355-0900) Atlanta,GA (770-449-8800) Tampa,FL (813-620-2000)
www.xenco.com

Work Order No: 654090

Page 3 of 4

Project Manager:	Tom Larson	Bill to: (if different)	GHD Midland
Company Name:	GHD	Company Name:	
Address:		Address:	
City, State ZIP:	Midland	City, State ZIP:	
Phone:		Email:	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting:Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Enlink Falcon	Turn Around	
Project Number:	11205361	Routine	☒
P.O. Number:		Rush:	
Sampler's Name:	G. Sens	Due Date:	

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No	
Temperature (°C):	3.6	Thermometer ID	R8	
Received Intact:	(Yes) No			
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	0	
Sample Custody Seals:	Yes No (N/A)	Total Containers:		

ANALYSIS REQUEST

Work Order Notes

New Mexico
~~Eddy~~ Co Site
5day TAT

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

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number of Containers	BTEX 8021B	TPH 8015 mod	Sample Comments
HD-1	S	2-27-22	10:45	0-6"	1	X	X	
HD-2			1100					
HD-3			1115					
HD-4			1130					
HD-5			1145					
HD-6			1200					
HD-7			1215					
HD-8			1230					
HD-9			1245					
HD-10			1300					

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010**: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U **1631 / 245.1 / 7470 / 7471** : Hg

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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		

Received by OCD: 9/14/2021 1:19:38 PM
Final 1.000
Page 58 of 63
Released to Imaging: 1/6/2022 8:12:55 AM

Page 179 of 821

XENCO LABORATORIES

Chain of Custody

Work Order No: 654090

Houston,TX (281) 240-4200 Dallas,TX (214) 902-0300 San Antonio,TX (210) 509-3334
Midland,TX (432-704-5440) EL Paso,TX (915)585-3443 Lubbock,TX (806)794-1296
Hobbs,NM (575-392-7550) Phoenix,AZ (480-355-0900) Atlanta,GA (770-449-8800) Tampa,FL (813-620-2000)
www.xenco.com

Page 4 of 4

Project Manager:	Tom Larson	Bill to: (if different)	GHD Midland
Company Name:	GHD	Company Name:	
Address:		Address:	
City, State ZIP:	Midland	City, State ZIP:	
Phone:	Email:		

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting:Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Enlink Falcon	Turn Around	
Project Number:	1120 5561	Routine	☒
P.O. Number:		Rush:	
Sampler's Name:	G. Seay	Due Date:	

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Temperature (°C):	3.0	Thermometer ID	
Received Intact:	(Yes) No		R8
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	0
Sample Custody Seals:	Yes No N/A	Total Containers:	

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number of Containers	BTEX 8021B	TPH 8015 Mod	Work Order Notes
HD-11	S	03/22/20	1315	0-6	1	X	X	NM New Mexico Eddy Co. Site 5day TAT
HD-12			1330					
HD-13			1345					
HD-14			1400					
HD-15			1415					

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

Sample Comments

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010**: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U **1631 / 245.1 / 7470 / 7471** : Hg

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		2/28/20	2		
3			4		
5		1154	6		

Revised Date 051418 Rev. 2018.1

Received by OCD: 9/14/2021 1:19:38 PM
Released to Imaging: 1/6/2022 8:12:55 AM
Final 1.000
Page 59 of 63

Inter-Office Shipment

IOS Number : 59314

Date/Time: 03.02.2020
Lab# From: **Midland**
Lab# To: **Lubbock**
Created by: Jessica Kramer
Delivery Priority:
Air Bill No.: 777910636518
Please send report to: Debbie Simmons
Address: 1211 W. Florida Ave
E-Mail: debbie.simmons@xenco.com

Sample Id	Matrix	Client Sample Id	Sample Collection	Method	Method Name	Lab Due	HT Due	PM	Analytes	Sign
654090-001	S	SL-1A	02.27.2020 10:55	SW8021B	BTEX by EPA 8021B	03.05.2020	03.12.2020	DES	BR4FBZ BZ BZME EBZ	
654090-002	S	SL-2A	02.27.2020 11:05	SW8021B	BTEX by EPA 8021B	03.05.2020	03.12.2020	DES	BR4FBZ BZ BZME EBZ	
654090-003	S	SL-3A	02.27.2020 11:20	SW8021B	BTEX by EPA 8021B	03.05.2020	03.12.2020	DES	BR4FBZ BZ BZME EBZ	
654090-004	S	SL-4A	02.27.2020 11:50	SW8021B	BTEX by EPA 8021B	03.05.2020	03.12.2020	DES	BR4FBZ BZ BZME EBZ	
654090-005	S	SL-5A	02.27.2020 11:55	SW8021B	BTEX by EPA 8021B	03.05.2020	03.12.2020	DES	BR4FBZ BZ BZME EBZ	
654090-006	S	SL-6A	02.27.2020 12:20	SW8021B	BTEX by EPA 8021B	03.05.2020	03.12.2020	DES	BR4FBZ BZ BZME EBZ	
654090-007	S	SL-7A	02.27.2020 12:30	SW8021B	BTEX by EPA 8021B	03.05.2020	03.12.2020	DES	BR4FBZ BZ BZME EBZ	
654090-008	S	SL-8A	02.27.2020 12:35	SW8021B	BTEX by EPA 8021B	03.05.2020	03.12.2020	DES	BR4FBZ BZ BZME EBZ	
654090-009	S	SL-10A	02.27.2020 12:40	SW8021B	BTEX by EPA 8021B	03.05.2020	03.12.2020	DES	BR4FBZ BZ BZME EBZ	
654090-010	S	SL-11A	02.27.2020 13:20	SW8021B	BTEX by EPA 8021B	03.05.2020	03.12.2020	DES	BR4FBZ BZ BZME EBZ	
654090-011	S	SL-12A	02.27.2020 11:35	SW8021B	BTEX by EPA 8021B	03.05.2020	03.12.2020	DES	BR4FBZ BZ BZME EBZ	
654090-012	S	SL-13A	02.27.2020 13:35	SW8021B	BTEX by EPA 8021B	03.05.2020	03.12.2020	DES	BR4FBZ BZ BZME EBZ	
654090-013	S	SL-14A	02.27.2020 13:55	SW8021B	BTEX by EPA 8021B	03.05.2020	03.12.2020	DES	BR4FBZ BZ BZME EBZ	
654090-014	S	SL-15A	02.27.2020 14:20	SW8021B	BTEX by EPA 8021B	03.05.2020	03.12.2020	DES	BR4FBZ BZ BZME EBZ	
654090-015	S	ES-11	02.27.2020 15:00	SW8021B	BTEX by EPA 8021B	03.05.2020	03.12.2020	DES	BR4FBZ BZ BZME EBZ	
654090-016	S	ES-7A	02.27.2020 14:30	SW8021B	BTEX by EPA 8021B	03.05.2020	03.12.2020	DES	BR4FBZ BZ BZME EBZ	
654090-017	S	SL-16	02.27.2020 15:30	SW8021B	BTEX by EPA 8021B	03.05.2020	03.12.2020	DES	BR4FBZ BZ BZME EBZ	
654090-018	S	SL-17	02.27.2020 16:00	SW8021B	BTEX by EPA 8021B	03.05.2020	03.12.2020	DES	BR4FBZ BZ BZME EBZ	
654090-019	S	SL-18	02.27.2020 16:45	SW8021B	BTEX by EPA 8021B	03.05.2020	03.12.2020	DES	BR4FBZ BZ BZME EBZ	
654090-020	S	HD-1	02.27.2020 10:45	SW8021B	BTEX by EPA 8021B	03.05.2020	03.12.2020	DES	BR4FBZ BZ BZME EBZ	
654090-021	S	HD-2	02.27.2020 11:00	SW8021B	BTEX by EPA 8021B	03.05.2020	03.12.2020	DES	BR4FBZ BZ BZME EBZ	
654090-022	S	HD-3	02.27.2020 11:15	SW8021B	BTEX by EPA 8021B	03.05.2020	03.12.2020	DES	BR4FBZ BZ BZME EBZ	
654090-023	S	HD-4	02.27.2020 11:30	SW8021B	BTEX by EPA 8021B	03.05.2020	03.12.2020	DES	BR4FBZ BZ BZME EBZ	
654090-024	S	HD-5	02.27.2020 11:45	SW8021B	BTEX by EPA 8021B	03.05.2020	03.12.2020	DES	BR4FBZ BZ BZME EBZ	
654090-025	S	HD-6	02.27.2020 12:00	SW8021B	BTEX by EPA 8021B	03.05.2020	03.12.2020	DES	BR4FBZ BZ BZME EBZ	

Inter-Office Shipment

IOS Number : 59314

Date/Time: 03.02.2020
Lab# From: **Midland**
Lab# To: **Lubbock**

Created by: Jessica Kramer
Delivery Priority:
Air Bill No.: 777910636518

Please send report to: Debbie Simmons
Address: 1211 W. Florida Ave
E-Mail: debbie.simmons@xenco.com

Sample Id	Matrix	Client Sample Id	Sample Collection	Method	Method Name	Lab Due	HT Due	PM	Analytes	Sign
654090-026	S	HD-7	02.27.2020 12:15	SW8021B	BTEX by EPA 8021B	03.05.2020	03.12.2020	DES	BR4FBZ BZ BZME EBZ	
654090-027	S	HD-8	02.27.2020 12:30	SW8021B	BTEX by EPA 8021B	03.05.2020	03.12.2020	DES	BR4FBZ BZ BZME EBZ	
654090-028	S	HD-9	02.27.2020 12:45	SW8021B	BTEX by EPA 8021B	03.05.2020	03.12.2020	DES	BR4FBZ BZ BZME EBZ	
654090-029	S	HD-10	02.27.2020 13:00	SW8021B	BTEX by EPA 8021B	03.05.2020	03.12.2020	DES	BR4FBZ BZ BZME EBZ	
654090-030	S	HD-11	02.27.2020 13:15	SW8021B	BTEX by EPA 8021B	03.05.2020	03.12.2020	DES	BR4FBZ BZ BZME EBZ	
654090-031	S	HD-12	02.27.2020 13:30	SW8021B	BTEX by EPA 8021B	03.05.2020	03.12.2020	DES	BR4FBZ BZ BZME EBZ	
654090-032	S	HD-13	02.27.2020 13:45	SW8021B	BTEX by EPA 8021B	03.05.2020	03.12.2020	DES	BR4FBZ BZ BZME EBZ	
654090-033	S	HD-14	02.27.2020 14:00	SW8021B	BTEX by EPA 8021B	03.05.2020	03.12.2020	DES	BR4FBZ BZ BZME EBZ	
654090-034	S	HD-15	02.27.2020 14:15	SW8021B	BTEX by EPA 8021B	03.05.2020	03.12.2020	DES	BR4FBZ BZ BZME EBZ	

Inter Office Shipment or Sample Comments:

Relinquished By: Jessica Kramer
Jessica Kramer

Date Relinquished: 03.02.2020

Received By:
Ashley Derstine

Date Received: 03.03.2020

Cooler Temperature: 3.4

XENCO Laboratories

Inter Office Report- Sample Receipt Checklist

Sent To: Lubbock

IOS #: 59314

Acceptable Temperature Range: 0 - 6 degC
Air and Metal samples Acceptable Range: Ambient
Temperature Measuring device used :

Sent By: Jessica Kramer **Date Sent:** 03.02.2020 04.29 PM

Received By: Ashley Derstine **Date Received:** 03.03.2020 09.30 AM

Sample Receipt Checklist		Comments
#1 *Temperature of cooler(s)?	3.4	
#2 *Shipping container in good condition?	**Yes**	
#3 *Samples received with appropriate temperature?	**Yes**	
#4 *Custody Seals intact on shipping container/ cooler?	**N/A**	
#5 *Custody Seals Signed and dated for Containers/coolers	**N/A**	
#6 *IOS present?	**Yes**	
#7 Any missing/extra samples?	**No**	
#8 IOS agrees with sample label(s)/matrix?	**Yes**	
#9 Sample matrix/ properties agree with IOS?	**Yes**	
#10 Samples in proper container/ bottle?	**Yes**	
#11 Samples properly preserved?	**Yes**	
#12 Sample container(s) intact?	**Yes**	
#13 Sufficient sample amount for indicated test(s)?	**Yes**	
#14 All samples received within hold time?	**Yes**	

*** Must be completed for after-hours delivery of samples prior to placing in the refrigerator**

NonConformance:

Corrective Action Taken:

Nonconformance Documentation

Contact: _____ **Contacted by :** _____ **Date:** _____

Checklist reviewed by: _____ Date: 03.03.2020

Ashley Derstine

XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Client: GHD Services, INC- Midland

Date/ Time Received: 02.28.2020 11.54.00 AM

Work Order #: 654090

Acceptable Temperature Range: 0 - 6 degC
Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : R8

Sample Receipt Checklist	Comments
#1 *Temperature of cooler(s)?	3.6
#2 *Shipping container in good condition?	**Yes**
#3 *Samples received on ice?	**Yes**
#4 *Custody Seals intact on shipping container/ cooler?	**N/A**
#5 Custody Seals intact on sample bottles?	**N/A**
#6*Custody Seals Signed and dated?	**N/A**
#7 *Chain of Custody present?	**Yes**
#8 Any missing/extra samples?	**No**
#9 Chain of Custody signed when relinquished/ received?	**Yes**
#10 Chain of Custody agrees with sample labels/matrix?	**Yes**
#11 Container label(s) legible and intact?	**Yes**
#12 Samples in proper container/ bottle?	**Yes**
#13 Samples properly preserved?	**Yes**
#14 Sample container(s) intact?	**Yes**
#15 Sufficient sample amount for indicated test(s)?	**Yes**
#16 All samples received within hold time?	**Yes**
#17 Subcontract of sample(s)?	**N/A**
#18 Water VOC samples have zero headspace?	**N/A**

*** Must be completed for after-hours delivery of samples prior to placing in the refrigerator**

Analyst: PH Device/Lot#:

Checklist completed by: Brianna Teel Date: 02.28.2020

Brianna Teel

Checklist reviewed by: Debbie Simmons Date: 03.02.2020

Debbie Simmons

TETRA TECH

Appendix B

C-141 Document

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 Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	NRM2000659184
District RP	
Facility ID	
Application ID	

Release Notification

8KXYJ-191113-C-1410

Responsible Party

Responsible Party EnLink Midstream Operating, LP	OGRID 373760
Contact Name Trevor O. Baird	Contact Telephone 432-661-0541
Contact email trevor.baird@enlink.com	Incident # *(assigned by OCD)*
Contact mailing address 303 W Wall Street Suite 202, Midland TX, 79701	

Location of Release Source

Latitude 32.251927 Longitude -103.962253

(NAD 83 in decimal degrees to 5 decimal places)

Site Name Falcon CDP	Site Type Crude Station
Date Release Discovered 11/2/19	API# *(if applicable)*

Unit Letter	Section	Township	Range	County
D	2	24S	29E	Eddy

Surface Owner: [x] State [ ] Federal [ ] Tribal [ ] Private (*Name:* _____)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

[x] Crude Oil	Volume Released (bbls) 1501	Volume Recovered (bbls) 100
[ ] Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	[ ] Yes [ ] No
[ ] Condensate	Volume Released (bbls)	Volume Recovered (bbls)
[ ] Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
[ ] Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

A pig signal was improperly installed by a third party contractor on the Falcon pipeline. The pig signal failed and created and opening in the line.

Form C-141
Page 2

State of New Mexico
Oil Conservation Division

Incident ID	NRM2000659184
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☒ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release? Under the mentioned rule, this spill qualifies as major because it was greater than 25 bbls.

If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?
Yes, by Trevor Baird, Lead Environmental Engineer to Jim Griswold and Mike Bratcher via email at or around 1:30 PM on 11/2/19.

Initial Response

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

☒ The source of the release has been stopped.
☒ The impacted area has been secured to protect human health and the environment.
☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
☐ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:
EnLink has removed all free liquid on the leased land. However, EnLink is working with the State Land Office to gain right of way access to finish the cleanup efforts.

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

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: Trevor O. Baird, P.E Title: Lead Environmental Engineer

Signature: _____ Date: 11/13/19

email: trevor.baird@enlink.com Telephone: 432-221-9738

OCD Only

Received by: Ramona Marcus Date: 1/6/2019

State of New Mexico
Oil Conservation Division

Incident ID	
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?	_____ (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

Incident ID	
District RP	
Facility ID	
Application ID	

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: _____

State of New Mexico
Oil Conservation Division

Incident ID	
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: _____

TETRA TECH

Appendix C

Site Characterization Data

From: Mike Luckett <Mike.Luckett@enlink.com>
Sent: Monday, October 26, 2020 11:55 AM
To: Gonzales, Clair <Clair.Gonzales@tetratech.com>
Cc: Mike Luckett <Mike.Luckett@enlink.com>
Subject: FW: [EXTERNAL] Remediation Denied - Enlink - Falcon CDP - (Incident #NRM2000659184)

⚠ **CAUTION:** This email originated from an external sender. Verify the source before opening links or attachments. ⚠

Found it! Let me know if you need anything else.

Mike,

I needed to get a clarification on whether the Falcon CDP Facility is equivalent to being on an active well pad. The area inside the EnLink Site Boundary Lease will be treated as if it is on an active well pad, so Table 1 limits in the spill rule would apply to any part of the release **inside the Site Boundary** of the facility. The borehole drilled in the upper north east portion of the Lease to 56.5' showing no groundwater substantiates the claim of groundwater >50'. This would justify the release being remediated to 51'-100' depth to groundwater standards.

The very south side of the spray area and the spill path heading down south into the sandy field would be considered pasture, since it is outside the Site Boundary. This part of the release is not equivalent to being on an active well pad, so all sample points will need to be treated as if it were in the pasture. All off pad areas must contain a minimum of 4 feet non-waste containing uncontaminated, earthen material with chloride concentrations less than 600 mg/kg and TPH less than 100 mg/kg. In the pasture area, 4 feet below the ground surface, soil contamination limits revert back to Table 1 "Closure Criteria for Soils Impacted by a Release" included in the spill rule
http://164.64.110.134/parts/title19/19.015.0029.html

Aerating the soil is your choice, but in the end the closure criteria samples need to be below the limits established in Table 1 of the Spill Rule for the closure to be approved.

Thank you for your diligence in trying to get the clarification/standards outlined before work begins.

Regards,

Robert J Hamlet
State of New Mexico
Energy, Minerals, and Natural Resources
Oil Conservation Division
811 S. First St., Artesia NM 88210
(575) 748-1283
Robert.Hamlet@state.nm.us

Thanks,

Mike Luckett
Lead Environmental Engineer

432.221.9707 office
225.892.2487 mobile

From: Mike Luckett
Sent: Monday, September 14, 2020 8:10 AM
To: tom.larson@ghd.com
Subject: FW: [EXTERNAL] Remediation Denied - Enlink - Falcon CDP - (Incident #NRM2000659184)

Good morning Tom,

It looks like we are going to need an updated remediation plan with more delineation and digging before OCD will sign off on everything. Can you provide a new plan at your earliest convenience?

Mike Luckett
Lead Environmental Engineer

432.221.9738 office
225.892.2487 mobile

From: Susan Singh <Susan.Singh@enlink.com>
Sent: Friday, September 11, 2020 11:53 PM
To: Blake Phillips <blake.phillips@enlink.com>; Mike Luckett <Mike.Luckett@enlink.com>
Subject: Fwd: [EXTERNAL] Remediation Denied - Enlink - Falcon CDP - (Incident #NRM2000659184)

Sent from my iPhone

Begin forwarded message:

From: "Hamlet, Robert, EMNRD" <Robert.Hamlet@state.nm.us>
Date: September 11, 2020 at 5:03:56 PM CDT
To: Susan Singh <Susan.Singh@enlink.com>, Trevor Baird <Trevor.Baird@enlink.com>
Cc: "Bratcher, Mike, EMNRD" <mike.bratcher@state.nm.us>, "Venegas, Victoria, EMNRD" <Victoria.Venegas@state.nm.us>, "Eads, Cristina, EMNRD" <Cristina.Eads@state.nm.us>, "Mann, Ryan" <rmann@slo.state.nm.us>
Subject: [EXTERNAL] Remediation Denied - Enlink - Falcon CDP - (Incident #NRM2000659184)

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Susan,

We have received your Workplan/Remediation Proposal for **Incident #NRM2000659184 Falcon CDP**, thank you. This Workplan/Remediation proposal is denied.

- Occurred on NMSLO property, waited on Right of Entry (received 1/20, Expire 6/20)
- 1501 bbls oil released, 100 bbls oil recovered
- Drilled borehole to 56.5'
- A variance is approved for 1,000 ft2 confirmation sample size on the release area.
- **This location is not considered an active well pad, so all sample points will need to be treated as if it were in the pasture. All off pad areas must contain a minimum of 4 feet non-waste containing uncontaminated, earthen material with chloride concentrations less than 600 mg/kg and TPH less than 100 mg/kg. In the pasture area, 4 feet below the ground surface, soil contamination limits revert back to Table 1 "Closure Criteria for Soils Impacted by a Release" included in the spill rule http://164.64.110.134/parts/title19/19.015.0029.html**
- Sample points SS-3-4", SS-4-4", SS-5-4", SS-9-4", HA-1-3', , HD-2, and HD-8 are over the 100 mg/kg limit on TPH for the 4 feet non-waste containing uncontaminated, earthen material. These sample locations will need further delineation/excavation.
- Sample point SL-4A@4.5' is 4 feet below the ground surface. The correct limit for TPH 51'-100' is 2,500 mg/kg (GRO+DRO+MRO) or 1,000 mg/kg for (GRO+DRO). This sample point is 14,200 mg/kg, which is well over the limit. This sample location will need further delineation/excavation.

Please let me know if you have any further questions.

Regards,

Robert J Hamlet
State of New Mexico
Energy, Minerals, and Natural Resources
Oil Conservation Division
811 S. First St., Artesia NM 88210
(575) 748-1283
Robert.Hamlet@state.nm.us

OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to groundwater, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

NYSE: ENLC

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Atkins ENGINEERING ASSOCIATES INC.
2904 W 2nd St.
Roswell, NM 88201
voice: 575.624.2420
fax: 575.624.2421
www.atkinseng.com

June 4, 2020

Grant McAfee
Resolute Compliance
115 FM 2453, Suite A
Royse City, TX 75189

Re: Groundwater determination for Falcon Site, Eddy County, New Mexico

Mr. McAfee:

Atkins Engineering Associates, Inc. (AEA) submits this report of a groundwater determination for the Falcon site located at approximately 32.2534620°, -103.959474° in the NWNW Lot 3 (Unit D) of Section 002, Township 24 South, Range 29 East, N.M.P.M. Eddy County, New Mexico.

Drilling and Plugging Operations

On May 27, 2020, AEA mobilized to site. boring was advanced using the 3.25” i.d. hollow stem augers to approximately 56 feet below ground surface (bgs). During drilling, no apparent water was pushed to surface. Material consisted of sand to total depth where auger refusal occurred.

Center tooling was removed, and temporary well materials were landed consisting of 20 feet of 0.020” slotted 2” Sch 40 PVC screen set at 36.5-56.5 feet bgs with riser to above land surface. A water level probe was lower within the casing and no water was detected with a total depth measured at 56.5 feet bgs.

Approximately 120 hours later, on June 1, 2020, AEA mobilized to site, and checked for water– none was found. The temporary well materials were pulled, and the boring was abandoned using .10 feet of hydrated 3/8” bentonite Hole Plug, native backfill to 4 feet bgs and cement grout and bentonite Hole Plug to land surface.

Summary

The depth to ground water below the site is **greater than 56.5 feet**. If you have any questions, please contact me at lucas@atkinseng.com or 575.499.9244.

Sincerely

Lucas Middleton
Staff Geoscientist

Attachments: As noted above

Log

SB-1

Page 1 of 1

Client: Resolute Compliance

Location: Falcon

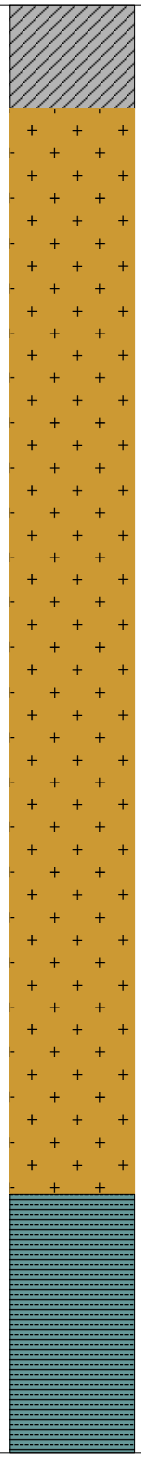
Purpose: Boring to determine groundwater presence

Project: rcfalco.drl.20

Completion Date	6/1/2020
Drilling Contractor	Atkins Engineering
Drilling Method	Hollow Stem Auger
Boring Diameter	3.25 i.d.
Latitude	32.253496°
Longitude	-103.959474°
Surface Elevation (ft)	approx. 3080'
Total Depth (ft)	56

Depth in Feet	Lithology	USCS	Description
0 – 15		SP	Sand, Medium/Fine grained, poorly graded with Calchie, Light Brown (7.5 YR 6/4) -Dry
15 – 25		SP	Sand,Fine grained, poorly graded, Light Brown (7.5 YR 6/4) -Dry
25 – 40		SP	Sand, Medium/Fine grained, poorly graded, with Calchie, Brown (7.5 YR 56/) -Dry
40 – 45		SP	Sand, Fine grained, poorly graded, Brown (7.5 YR 4/4) -Dry
45 – 55		SP	Sand, Fine grained, poorly graded & Stiff Clay, Reddish Brown (5.0 YR 5/6) -Dry

Abandonment



- Bentonite Seal
- Neat Cement/Bentonite
- Native Fill

Lithology Legend

- Sand

NOTES:

Atkins ENGINEERING ASSOCIATES

2904 W 2nd St
Roswell, New Mexico 88201

Click to hideNews Bulletins

- Introducing The Next Generation of USGS Water Data for the Nation
- Full News

Groundwater levels for New Mexico

Click to hide state-specific text

Search Results -- 1 sites found

Agency code = usgs
site_no list =
- 321717103561001

Minimum number of levels = 1
Save file of selected sites to local disk for future upload

USGS 321717103561001 23S.29E.24.41321

Eddy County, New Mexico
Latitude 32°17'17", Longitude 103°56'10" NAD27
Land-surface elevation 3,034 feet above NAVD88
This well is completed in the Rustler Formation (312RSLR) 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 of measurement	? Water-level approval status
1983-02-02		D	72019	52.17				U		U	A
1987-10-14		D	72019	50.54				U		U	A
1992-11-16		D	72019	54.14				S		U	A
2003-01-29		D	72019	50.26				S	USGS	A	A

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	72019	Depth to water level, feet below land surface
Status		The reported water-level measurement represents a static level
Method of measurement	S	Steel-tape measurement.
Method of measurement	U	Unknown method.
Measuring agency		Not determined
Measuring agency	USGS	U.S. Geological Survey
Source of measurement	A	Reported by another government agency (do not use "A" if reported by owner, use "O").
Source of measurement	U	Source is unknown.
Water-level approval status	A	Approved for publication -- Processing and review completed.

New Mexico Office of the State Engineer
Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
C 00349	C	CUB	ED		1	3	18	24S	29E	591401	3564773*	2734		
C 00381	C	CUB	ED	3	2	3	07	24S	29E	591682	3566297*	2797		
C 00463		C	ED	4	4	4	17	24S	29E	594332	3564282*	260	4	256
C 00856		CUB	ED	1	2	4	30	24S	29E	592538	3561644*	380		
C 00857		CUB	ED	3	1	4	30	24S	29E	592135	3561440*	306		
C 00862		CUB	ED	1	2	4	30	24S	29E	592538	3561644*	155		
C 00863		CUB	ED	3	3	1	16	24S	29E	594524	3565091*	220		
C 00863 CLW199506	O	CUB	ED	3	3	1	16	24S	29E	594524	3565091*	220		
C 02713		CUB	ED	4	4	1	16	24S	29E	591633	3565944	230	18	212
C 03615 POD1		CUB	ED	1	3	2	06	24S	29E	591964	3568500	60	36	24
C 03615 POD2		CUB	ED	4	2	4	06	24S	29E	592661	3568013	60	26	34
C 04481 POD1		CUB	ED	1	3	4	03	24S	29E	596799	3567778	135		
C 04481 POD2		CUB	ED	1	3	4	03	24S	29E	596852	3567748	120		
C 04481 POD3		CUB	ED	2	4	3	03	24S	29E	596799	3567778	120		
C 04481 POD4		CUB	ED	2	4	3	03	24S	29E	596747	3567685	150		
C 04481 POD5		CUB	ED	2	4	3	03	24S	29E	596747	3567747	120		
C 04481 POD6		CUB	ED	2	4	3	03	24S	29E	596748	3567654	120		
C 04481 POD8		CUB	ED	1	3	4	03	24S	29E	596852	3567655	125		

***UTM location was derived from PLSS - see Help**

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

Average Depth to Water: **21 feet**

Minimum Depth: **4 feet**

Maximum Depth: **36 feet**

Record Count: 18

Basin/County Search:

County: Eddy

PLSS Search:

Township: 24S **Range:** 29E

New Mexico NFHL Data



January 24, 2021

1:18,056

0 0.15 0.3 0.6 mi

0 0.25 0.5 1 km

FEMA
Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS,

nmflood.org is made possible through a collaboration with NMDHSEM, EDAC, and FEMA
This is a non-regulatory product for informational use only. Please consult your local floodplain administrator for further information.

USGS science for a changing world

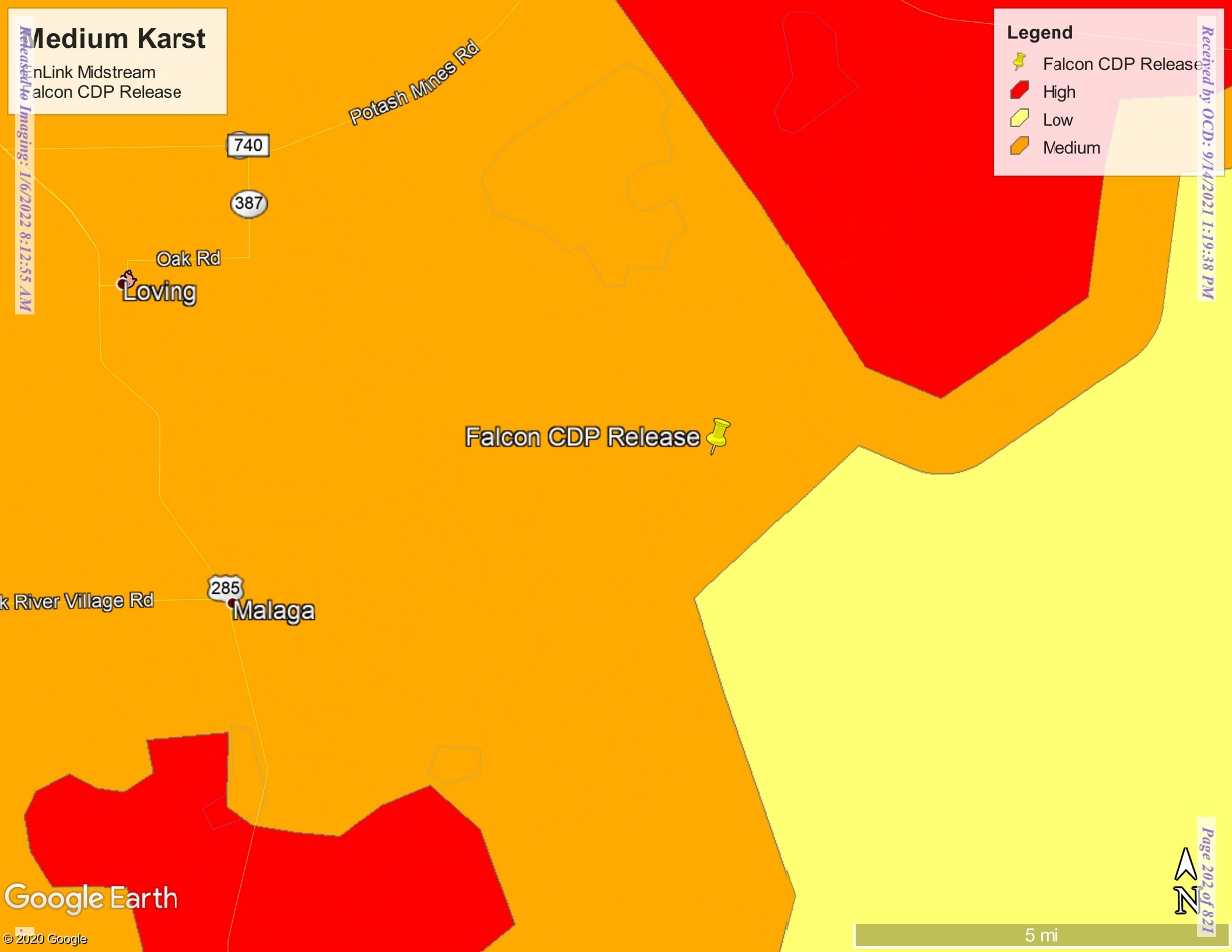
USGS Home
Contact USGS
Search USGS

National Water Information System: Mapper

Help Info



Site Information


Medium Karst
nLink Midstream
alcon CDP Release
Released to Imaging: 1/6/2022 8:12:55 AM
Potash Mines Rd
740
387
Oak Rd
Loving
Falcon CDP Release
285
Malaga
k River Village Rd
Google Earth
© 2020 Google
Legend
Falcon CDP Release
High
Low
Medium
Received by OCD: 9/14/2021 1:19:38 PM
N
5 mi
Page 202 of 821

Water Well Data
Average Depth to Groundwater (ft)
EnLink Falcon CDP Release
Eddy County, New Mexico

23 South 28 East

6 16.5	5	4	3	2	1
7 26.5	8	9	10	11 30.5	12 20
18 63	17	16	15 14	14	13 12 33
19	20 56	21	22 39	23 22'	24 36
30	29 28.7	28	27	26	25 44
31	32	33	34	35	36

23 South 29 East

6	5	4	3	2	1
7	8	9	10	11	12
18 10	17 65	16	15	14	13
19 28	20	21	22	23	24
30 35	29	28	27	26	25
31	32	33	34	35	36

23 South 30 East

6 110	5	4	3	2 250	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34 440	35	36

24 South 28 East

6 70	5 30	4 30	3	2 55	1 60
7	8 50	9	10 17	11 20	12 73
18	17 42	16 29	15 18	14 52	13 34
19	20 48	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

24 South 29 East

6	5	4	3	2 Site	1
7 160	8	9	10	11	12
18	17 4	16 18	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

24 South 30 East

6	5	4	3	2	1
7	8 186	9	10	11	12
18	17	16	15	14	13
19 231 150	20	21	22	23 400	24
30	29	28	27	26	25
31	32	33	34	35	36

25 South 28 East

6	5 59	4 35	3 32	2	1 Site
7	8	9	10	11	12
18 67	17	16	15 48 49	14	13
19	20 96	21	22	23	24
30	29 15	28 90	27	26 40	25
31	32	33	34	35	36 40

25 South 29 East

6 40	5	4	3	2	1
7	8	9	10 40	11	12
18	17	16	15 60	14	13
19	20	21	22	23	24
30 30	29	28	27	26	25
31	32 115	33	34	35	36

25 South 30 East

6	5	4	3	2 295	1
7 264	8	9 295	10	11	12 390
18	17	16	15	14	13
19	20	21 265 268	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

88 New Mexico State Engineers Well Reports

105 USGS Well Reports

90 Geology and Groundwater Conditions in Southern Lea, County, NM (Report 6)

Geology and Groundwater Resources of Eddy County, NM (Report 3)

34 NMOCD - Groundwater Data

123 Tetra Tech installed temporary wells and field water level

143 NMOCD Groundwater map well location

TETRA TECH

Appendix D

Laboratory Reports

eurofins | Environment Testing Xenco

Certificate of Analysis Summary 682752

Tetra Tech- Midland, Midland, TX

Project Name: Falcon Remediation

Project Id: 212C-MD-02376
Contact: Brittany Long
Project Location: Eddy County, NM

Date Received in Lab: Tue 12.29.2020 08:54
Report Date: 01.12.2021 15:37
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	682752-001		682752-002		682752-003		682752-004		682752-005		682752-006	
	Field Id:	Trench-1 (0-1')		Trench-1 (1')		Trench-1 (2')		Trench-1 (3')		Trench-1 (4')		Trench-2 (0-1')	
	Depth:	0-1 ft		1- ft		2- ft		3- ft		4- ft		0-1 ft	
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	12.15.2020 00:00		12.15.2020 00:00		12.15.2020 00:00		12.15.2020 00:00		12.15.2020 00:00		12.15.2020 00:00	
TPH By SW8015 Mod	***Extracted:***	12.29.2020 14:00		12.29.2020 14:00		12.29.2020 14:00		12.29.2020 14:00		12.29.2020 14:00		12.29.2020 14:00	
	Analyzed:	12.29.2020 23:12		12.30.2020 00:11		12.30.2020 00:30		12.30.2020 00:50		12.30.2020 01:09		12.30.2020 01:28	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		53.9 F	50.0	58.1	49.9	<50.0	50.0	<49.9	49.9	<50.0	50.0	50.7	49.9
Diesel Range Organics (DRO)		<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.9	49.9
Motor Oil Range Hydrocarbons (MRO)		<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.9	49.9
Total TPH		53.9	50.0	58.1	49.9	<50.0	50.0	<49.9	49.9	<50.0	50.0	50.7	49.9

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Certificate of Analysis Summary 682752

Tetra Tech- Midland, Midland, TX

Project Name: Falcon Remediation

Project Id: 212C-MD-02376
Contact: Brittany Long
Project Location: Eddy County, NM

Date Received in Lab: Tue 12.29.2020 08:54
Report Date: 01.12.2021 15:37
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	682752-011		682752-012		682752-013		682752-014		682752-015		682752-016	
	Field Id:	Trench-3 (0-1')		Trench-3 (1')		Trench-3 (2')		Trench-3 (3')		Trench-3 (4')		Trench-4 (0-1')	
	Depth:	0-1 ft		1- ft		2- ft		3- ft		4- ft		0-1 ft	
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	12.21.2020 00:00		12.21.2020 00:00		12.21.2020 00:00		12.21.2020 00:00		12.21.2020 00:00		12.21.2020 00:00	
TPH By SW8015 Mod	***Extracted:***	12.29.2020 14:00		12.29.2020 14:00		12.29.2020 14:00		12.29.2020 14:00		12.29.2020 14:00		12.29.2020 14:00	
	Analyzed:	12.30.2020 01:48		12.30.2020 02:07		12.30.2020 02:27		12.30.2020 02:46		12.30.2020 03:26		12.30.2020 03:45	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<49.8	49.8	<50.0	50.0	55.9	50.0	59.3	49.9	<50.0	50.0	<49.9	49.9
Diesel Range Organics (DRO)		<49.8	49.8	<50.0	50.0	<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.9	49.9
Motor Oil Range Hydrocarbons (MRO)		<49.8	49.8	<50.0	50.0	<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.9	49.9
Total TPH		<49.8	49.8	<50.0	50.0	55.9	50.0	59.3	49.9	<50.0	50.0	<49.9	49.9

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Tetra Tech- Midland, Midland, TX

Project Name: Falcon Remediation

Project Id: 212C-MD-02376
Contact: Brittany Long
Project Location: Eddy County, NM

Date Received in Lab: Tue 12.29.2020 08:54
Report Date: 01.12.2021 15:37
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	682752-017		682752-018		682752-019		682752-020		682752-021		682752-022	
	Field Id:	Trench-4 (1')		Trench-4 (2')		Trench-4 (3')		Trench-4 (4')		Trench-5 (0-1')		Trench-5 (1')	
	Depth:	1- ft		2- ft		3- ft		4- ft		0-1 ft		1- ft	
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	12.21.2020 00:00		12.21.2020 00:00		12.21.2020 00:00		12.21.2020 00:00		12.21.2020 00:00		12.21.2020 00:00	
TPH By SW8015 Mod	***Extracted:***	12.29.2020 14:00		12.29.2020 14:00		12.29.2020 14:00		12.29.2020 14:00		12.29.2020 14:00		12.29.2020 14:00	
	Analyzed:	12.30.2020 04:05		12.30.2020 04:24		12.30.2020 04:44		12.30.2020 05:03		12.30.2020 05:22		12.30.2020 05:41	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<49.9	49.9	50.3	49.8	<50.0	50.0	<50.0	50.0	<49.9	49.9	<49.9	49.9
Diesel Range Organics (DRO)		<49.9	49.9	<49.8	49.8	<50.0	50.0	<50.0	50.0	227 F	49.9	370 F	49.9
Motor Oil Range Hydrocarbons (MRO)		<49.9	49.9	<49.8	49.8	<50.0	50.0	<50.0	50.0	52.3	49.9	101	49.9
Total TPH		<49.9	49.9	50.3	49.8	<50.0	50.0	<50.0	50.0	279	49.9	471	49.9

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Tetra Tech- Midland, Midland, TX

Project Name: Falcon Remediation

Project Id: 212C-MD-02376
Contact: Brittany Long
Project Location: Eddy County, NM

Date Received in Lab: Tue 12.29.2020 08:54
Report Date: 01.12.2021 15:37
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	682752-023		682752-024		682752-025		682752-026		682752-027		682752-028	
	Field Id:	Trench-5 (2')		Trench-5(3')		Trench-5 (4')		Trench-6 (0-1')		Trench-6 (1')		Trench-6 (2')	
	Depth:	2- ft		3- ft		4- ft		0-1 ft		1- ft		2- ft	
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	12.21.2020 00:00		12.21.2020 00:00		12.21.2020 00:00		12.21.2020 00:00		12.21.2020 00:00		12.21.2020 00:00	
TPH By SW8015 Mod	***Extracted:***	12.29.2020 14:00		12.29.2020 14:00		12.29.2020 16:00		12.29.2020 16:00		12.29.2020 16:00		12.29.2020 16:00	
	Analyzed:	12.30.2020 06:00		12.30.2020 06:19		12.30.2020 07:56		12.30.2020 08:54		12.30.2020 09:14		12.30.2020 09:33	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		58.2	50.0	<50.0	50.0	<50.0	50.0	<50.0	50.0	<49.9	49.9	<50.0	50.0
Diesel Range Organics (DRO)		<50.0	50.0	<50.0	50.0	50.0	50.0	<50.0	50.0	<49.9	49.9	<50.0	50.0
Motor Oil Range Hydrocarbons (MRO)		<50.0	50.0	<50.0	50.0	<50.0	50.0	<50.0	50.0	<49.9	49.9	<50.0	50.0
Total TPH		58.2	50.0	<50.0	50.0	50.0	50.0	<50.0	50.0	<49.9	49.9	<50.0	50.0

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Tetra Tech- Midland, Midland, TX

Project Name: Falcon Remediation

Project Id: 212C-MD-02376
Contact: Brittany Long
Project Location: Eddy County, NM

Date Received in Lab: Tue 12.29.2020 08:54
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Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	682752-029		682752-030		682752-034		682752-035		682752-036		682752-040	
	Field Id:	Trench-6 (3')		Trench-6 (4')		Trench-7 (3')		Trench-7 (4')		Trench-7 (5')		Trench-8 (3')	
	Depth:	3- ft		4- ft		3- ft		4- ft		5- ft		3- ft	
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	12.21.2020 00:00		12.21.2020 00:00		12.21.2020 00:00		12.21.2020 00:00		12.21.2020 00:00		12.21.2020 00:00	
TPH By SW8015 Mod	***Extracted:***	12.29.2020 16:00		12.29.2020 16:00		12.29.2020 16:00		12.29.2020 16:00		12.29.2020 16:00		12.29.2020 16:00	
	Analyzed:	12.30.2020 09:52		12.30.2020 10:12		12.30.2020 10:31		12.30.2020 10:51		12.30.2020 11:11		12.30.2020 11:30	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<50.0	50.0	63.9	50.0	65.1	50.0	<49.9	49.9	<49.9	49.9	274	50.0
Diesel Range Organics (DRO)		<50.0	50.0	<50.0	50.0	548	50.0	<49.9	49.9	53.3	49.9	3540	50.0
Motor Oil Range Hydrocarbons (MRO)		<50.0	50.0	<50.0	50.0	71.1	50.0	<49.9	49.9	<49.9	49.9	389	50.0
Total TPH		<50.0	50.0	63.9	50.0	684	50.0	<49.9	49.9	53.3	49.9	4200	50.0

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Tetra Tech- Midland, Midland, TX

Project Name: Falcon Remediation

Project Id: 212C-MD-02376
Contact: Brittany Long
Project Location: Eddy County, NM

Date Received in Lab: Tue 12.29.2020 08:54
Report Date: 01.12.2021 15:37
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	682752-041		682752-042		682752-046		682752-047		682752-048		682752-050	
	Field Id:	Trench-8 (4')		Trench-8 (5')		Trench-9 (3')		Trench-9 (4')		Trench-9 (5')		Trench-10 (1')	
	Depth:	1-1 ft		1-1 ft		1-1 ft		1-1 ft		1-1 ft		1-1 ft	
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	12.21.2020 00:00		12.21.2020 00:00		12.21.2020 00:00		12.21.2020 00:00		12.21.2020 00:00		12.21.2020 00:00	
BTEX by EPA 8021B	***Extracted:***					12.30.2020 10:00		12.30.2020 10:00		12.30.2020 10:00		12.30.2020 10:00	
	Analyzed:					12.30.2020 12:55		12.30.2020 13:21		12.30.2020 13:47		12.30.2020 14:13	
	Units/RL:					mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene						<0.00200	0.00200	<0.00200	0.00200	<0.00200	0.00200	<0.00199	0.00199
Toluene						<0.00200	0.00200	<0.00200	0.00200	<0.00200	0.00200	<0.00199	0.00199
Ethylbenzene						<0.00200	0.00200	<0.00200	0.00200	<0.00200	0.00200	<0.00199	0.00199
m,p-Xylenes						<0.00399	0.00399	<0.00400	0.00400	<0.00399	0.00399	<0.00398	0.00398
o-Xylene						<0.00200	0.00200	0.0272	0.00200	<0.00200	0.00200	0.00246	0.00199
Total Xylenes						<0.00200	0.00200	0.0272	0.00200	<0.00200	0.00200	0.00246	0.00199
Total BTEX						<0.00200	0.00200	0.0272	0.00200	<0.00200	0.00200	0.00246	0.00199
TPH By SW8015 Mod	***Extracted:***	12.29.2020 16:00		12.29.2020 16:00		12.29.2020 16:00		12.29.2020 16:00		12.29.2020 16:00		12.29.2020 16:00	
	Analyzed:	12.30.2020 16:14		12.30.2020 16:33		12.30.2020 17:31		12.30.2020 17:50		12.30.2020 18:10		12.30.2020 18:29	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<50.0	50.0	<49.9	49.9	90.5	50.0	<49.9	49.9	<50.0	50.0	123	49.9
Diesel Range Organics (DRO)		374	50.0	<49.9	49.9	571	50.0	<49.9	49.9	88.5	50.0	5120	49.9
Motor Oil Range Hydrocarbons (MRO)		50.6	50.0	<49.9	49.9	90.3	50.0	<49.9	49.9	<50.0	50.0	489	49.9
Total TPH		425	50.0	<49.9	49.9	752	50.0	<49.9	49.9	88.5	50.0	5730	49.9

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Tetra Tech- Midland, Midland, TX

Project Name: Falcon Remediation

Project Id: 212C-MD-02376
Contact: Brittany Long
Project Location: Eddy County, NM

Date Received in Lab: Tue 12.29.2020 08:54
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Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	682752-051		682752-052		682752-056		682752-057		682752-058		682752-063	
	Field Id:	Trench-10 (2')		Trench-10 (3')		Trench-11 (2')		Trench-11 (3')		Trench-11 (4')		Trench-12 (4')	
	Depth:	1-1 ft		1-1 ft		1-1 ft		1-1 ft		1-1 ft		1-1 ft	
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	12.21.2020 00:00		12.21.2020 00:00		12.21.2020 00:00		12.21.2020 00:00		12.21.2020 00:00		12.21.2020 00:00	
BTEX by EPA 8021B	***Extracted:***	12.30.2020 10:00		12.30.2020 10:00									
	Analyzed:	12.30.2020 14:39		12.30.2020 15:06									
	Units/RL:	mg/kg	RL	mg/kg	RL								
Benzene		<0.00200	0.00200	<0.00198	0.00198								
Toluene		<0.00200	0.00200	<0.00198	0.00198								
Ethylbenzene		<0.00200	0.00200	<0.00198	0.00198								
m,p-Xylenes		<0.00401	0.00401	<0.00396	0.00396								
o-Xylene		<0.00200	0.00200	<0.00198	0.00198								
Total Xylenes		<0.00200	0.00200	<0.00198	0.00198								
Total BTEX		<0.00200	0.00200	<0.00198	0.00198								
TPH By SW8015 Mod	***Extracted:***	12.29.2020 16:00		12.29.2020 16:00		01.08.2021 16:00		12.29.2020 16:00		12.29.2020 16:00		12.29.2020 16:00	
	Analyzed:	12.30.2020 18:49		12.30.2020 19:08		01.09.2021 08:21		12.30.2020 19:27		12.29.2020 23:56		12.30.2020 01:03	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<50.0	50.0	<50.0	50.0	72.7 K	49.9	<49.9	49.9	<50.0	50.0	<49.9	49.9
Diesel Range Organics (DRO)		66.2	50.0	<50.0	50.0	2850 K	49.9	130	49.9	<50.0	50.0	130	49.9
Motor Oil Range Hydrocarbons (MRO)		<50.0	50.0	<50.0	50.0	260 K	49.9	<49.9	49.9	<50.0	50.0	<49.9	49.9
Total TPH		66.2	50.0	<50.0	50.0	3180 K	49.9	130	49.9	<50.0	50.0	130	49.9

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Tetra Tech- Midland, Midland, TX

Project Name: Falcon Remediation

Project Id: 212C-MD-02376
Contact: Brittany Long
Project Location: Eddy County, NM

Date Received in Lab: Tue 12.29.2020 08:54
Report Date: 01.12.2021 15:37
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	682752-064		682752-065		682752-070		682752-071		682752-072		682752-073	
	Field Id:	Trench-12 (5')		Trench-12 (6')		Trench-13 (4')		Trench-13 (5')		Trench-13 (6')		Trench-13 (7')	
	Depth:	1-1 ft		1-1 ft		1-1 ft		1-1 ft		1-1 ft		1-1 ft	
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	12.21.2020 00:00		12.21.2020 00:00		12.21.2020 00:00		12.21.2020 00:00		12.21.2020 00:00		12.21.2020 00:00	
TPH By SW8015 Mod	***Extracted:***	12.29.2020 16:00		12.29.2020 16:00		12.29.2020 16:00		12.29.2020 16:00		12.29.2020 16:00		12.29.2020 16:00	
	Analyzed:	12.30.2020 01:25		12.30.2020 01:48		12.30.2020 02:10		12.30.2020 02:33		12.30.2020 02:55		12.30.2020 03:18	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<49.8	49.8	<50.0	50.0	1820	49.9	973	50.0	288	49.9	<49.9	49.9
Diesel Range Organics (DRO)		<49.8	49.8	<50.0	50.0	5320	49.9	3540	50.0	2020	49.9	174	49.9
Motor Oil Range Hydrocarbons (MRO)		<49.8	49.8	<50.0	50.0	367	49.9	254	50.0	157	49.9	<49.9	49.9
Total TPH		<49.8	49.8	<50.0	50.0	7510	49.9	4770	50.0	2470	49.9	174	49.9

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Tetra Tech- Midland, Midland, TX

Project Name: Falcon Remediation

Project Id: 212C-MD-02376
Contact: Brittany Long
Project Location: Eddy County, NM

Date Received in Lab: Tue 12.29.2020 08:54
Report Date: 01.12.2021 15:37
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	682752-074		682752-075		682752-076		682752-077		682752-078		682752-079	
	Field Id:	Trench-13 (8')		Trench-14 (0-1')		Trench-14 (1')		Trench-14 (2')		Trench-14 (3')		Trench-14 (4')	
	Depth:	1-1 ft		1-1 ft		1-1 ft		1-1 ft		1-1 ft		1-1 ft	
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	12.21.2020 00:00		12.21.2020 00:00		12.21.2020 00:00		12.21.2020 00:00		12.21.2020 00:00		12.21.2020 00:00	
BTEX by EPA 8021B	***Extracted:***			12.30.2020 10:00		12.30.2020 10:00		12.30.2020 10:00		12.30.2020 10:00		12.30.2020 10:00	
	Analyzed:			12.30.2020 15:32		12.30.2020 15:58		12.30.2020 16:24		12.30.2020 16:51		12.30.2020 18:35	
	Units/RL:			mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene				<0.00199	0.00199	0.00263	0.00198	0.00524	0.00198	<0.00201	0.00201	<0.00202	0.00202
Toluene				0.0702	0.00199	0.0464	0.00198	0.0579	0.00198	0.0246	0.00201	<0.00202	0.00202
Ethylbenzene				0.0337	0.00199	0.0494	0.00198	0.0574	0.00198	0.0408	0.00201	<0.00202	0.00202
m,p-Xylenes				0.242	0.00398	0.513	0.00397	0.618	0.00396	0.284	0.00402	<0.00404	0.00404
o-Xylene				0.139	0.00199	0.344	0.00198	0.348	0.00198	0.259	0.00201	<0.00202	0.00202
Total Xylenes				0.381	0.00199	0.857	0.00198	0.966	0.00198	0.543	0.00201	<0.00202	0.00202
Total BTEX				0.485	0.00199	0.955	0.00198	1.09	0.00198	0.608	0.00201	<0.00202	0.00202
TPH By SW8015 Mod	***Extracted:***	12.29.2020 16:00		12.29.2020 16:00		12.29.2020 16:00		12.29.2020 16:00		12.29.2020 16:00		12.29.2020 16:00	
	Analyzed:	12.30.2020 03:40		12.30.2020 04:03		12.30.2020 04:48		12.30.2020 05:10		12.30.2020 05:32		12.30.2020 05:53	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<50.0	50.0	1400	49.9	618	50.0	747	49.9	292	49.9	<50.0	50.0
Diesel Range Organics (DRO)		<50.0	50.0	14300 E	49.9	5000	50.0	4340	49.9	2530	49.9	50.4	50.0
Motor Oil Range Hydrocarbons (MRO)		<50.0	50.0	1070	49.9	342	50.0	313	49.9	205	49.9	67.3	50.0
Total TPH		<50.0	50.0	16800	49.9	5960	50.0	5400	49.9	3030	49.9	118	50.0

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Certificate of Analysis Summary 682752

Tetra Tech- Midland, Midland, TX

Project Name: Falcon Remediation

Project Id: 212C-MD-02376
Contact: Brittany Long
Project Location: Eddy County, NM

Date Received in Lab: Tue 12.29.2020 08:54
Report Date: 01.12.2021 15:37
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	682752-080		682752-084		682752-085		682752-086		682752-087		682752-088	
	Field Id:	Trench-14 (5')		Trench-15 (3')		Trench-15 (4')		Trench-15 (5')		Trench-16 (0-1')		Trench-16 (1')	
	Depth:	1-1 ft		1-1 ft		1-1 ft		1-1 ft		1-1 ft		1-1 ft	
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	12.21.2020 00:00		12.21.2020 00:00		12.21.2020 00:00		12.21.2020 00:00		12.21.2020 00:00		12.21.2020 00:00	
BTEX by EPA 8021B	***Extracted:***	12.30.2020 10:00											
	Analyzed:	12.30.2020 19:01											
	Units/RL:	mg/kg	RL										
Benzene		<0.00200	0.00200										
Toluene		<0.00200	0.00200										
Ethylbenzene		<0.00200	0.00200										
m,p-Xylenes		<0.00400	0.00400										
o-Xylene		0.00290	0.00200										
Total Xylenes		0.00290	0.00200										
Total BTEX		0.00290	0.00200										
TPH By SW8015 Mod	***Extracted:***	12.29.2020 16:00		12.29.2020 16:00		12.29.2020 16:00		12.29.2020 16:00		12.29.2020 16:00		12.29.2020 16:00	
	Analyzed:	12.30.2020 06:15		12.30.2020 06:37		12.30.2020 06:59		12.30.2020 07:21		12.30.2020 07:44		12.30.2020 08:07	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<50.0	50.0	705	49.9	589	50.0	<49.9	49.9	266	50.0	73.5	50.0
Diesel Range Organics (DRO)		261	50.0	3520	49.9	3590	50.0	120	49.9	7930	50.0	1990	50.0
Motor Oil Range Hydrocarbons (MRO)		<50.0	50.0	250	49.9	251	50.0	60.3	49.9	640	50.0	178	50.0
Total TPH		261	50.0	4480	49.9	4430	50.0	180	49.9	8840	50.0	2240	50.0

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Certificate of Analysis Summary 682752

Tetra Tech- Midland, Midland, TX

Project Name: Falcon Remediation

Project Id: 212C-MD-02376
Contact: Brittany Long
Project Location: Eddy County, NM

Date Received in Lab: Tue 12.29.2020 08:54
Report Date: 01.12.2021 15:37
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	682752-089		682752-092		682752-093		682752-094		682752-095		682752-096	
	Field Id:	Trench-16 (2')		Trench-17 (0-1')		Trench-17 (1')		Trench-17 (2)		Trench-17 (3')		Trench-17 (4')	
	Depth:	1-1 ft		1-1 ft		1-1 ft		1-1 ft		1-1 ft		1-1 ft	
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	12.21.2020 00:00		12.21.2020 00:00		12.21.2020 00:00		12.21.2020 00:00		12.21.2020 00:00		12.21.2020 00:00	
TPH By SW8015 Mod	***Extracted:***	12.29.2020 16:00		12.29.2020 16:00		12.29.2020 16:00		12.29.2020 16:00		12.29.2020 16:00		12.29.2020 16:00	
	Analyzed:	12.30.2020 21:05		12.30.2020 22:03		12.30.2020 22:23		12.30.2020 22:42		12.30.2020 23:01		12.30.2020 23:20	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		167	50.0	177	50.0	256	50.0	300	49.9	185	50.0	53.4	50.0
Diesel Range Organics (DRO)		2220 X	50.0	5510	50.0	2880	50.0	2410	49.9	1530	50.0	<50.0	50.0
Motor Oil Range Hydrocarbons (MRO)		286	50.0	549	50.0	353	50.0	306	49.9	196	50.0	<50.0	50.0
Total TPH		2670	50.0	6240	50.0	3490	50.0	3020	49.9	1910	50.0	53.4	50.0

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Certificate of Analysis Summary 682752

Tetra Tech- Midland, Midland, TX

Project Name: Falcon Remediation

Project Id: 212C-MD-02376
Contact: Brittany Long
Project Location: Eddy County, NM

Date Received in Lab: Tue 12.29.2020 08:54
Report Date: 01.12.2021 15:37
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	682752-097		682752-098		682752-099		682752-100		682752-101		682752-102	
	Field Id:	Trench-17 (5')		Trench-17 (6')		Trench-17 (7')		Trench-18 (0-1')		Trench-18 (1')		Trench-18 (2')	
	Depth:	1-1 ft		1-1 ft		1-1 ft		1-1 ft		1-1 ft		1-1 ft	
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	12.21.2020 00:00		12.21.2020 00:00		12.21.2020 00:00		12.21.2020 00:00		12.21.2020 00:00		12.21.2020 00:00	
BTEX by EPA 8021B	***Extracted:***							12.30.2020 10:00		12.30.2020 10:00		12.30.2020 10:00	
	Analyzed:							12.30.2020 19:28		12.30.2020 19:54		12.30.2020 20:21	
	Units/RL:							mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene								<0.00201	0.00201	<0.00200	0.00200	<0.00199	0.00199
Toluene								<0.00201	0.00201	0.0473	0.00200	0.0260	0.00199
Ethylbenzene								0.00505	0.00201	0.0243	0.00200	0.0151	0.00199
m,p-Xylenes								0.00775	0.00402	0.190	0.00399	0.249	0.00398
o-Xylene								0.00351	0.00201	0.190	0.00200	0.229	0.00199
Total Xylenes								0.0113	0.00201	0.380	0.00200	0.478	0.00199
Total BTEX								0.0163	0.00201	0.452	0.00200	0.519	0.00199
TPH By SW8015 Mod	***Extracted:***	12.29.2020 16:00		12.31.2020 11:00		12.29.2020 16:00		12.29.2020 16:00		12.29.2020 16:00		12.29.2020 16:00	
	Analyzed:	12.30.2020 23:39		12.31.2020 14:09		12.30.2020 23:58		12.31.2020 00:17		12.31.2020 00:36		12.31.2020 01:14	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		60.8	49.9	<50.0	50.0	51.7	50.0	251	50.0	773	49.9	558	50.0
Diesel Range Organics (DRO)		<49.9	49.9	<50.0	50.0	<50.0	50.0	4320	50.0	6130	49.9	4970	50.0
Motor Oil Range Hydrocarbons (MRO)		<49.9	49.9	<50.0	50.0	<50.0	50.0	475	50.0	480	49.9	445	50.0
Total TPH		60.8	49.9	<50.0	50.0	51.7	50.0	5050	50.0	7380	49.9	5970	50.0

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Certificate of Analysis Summary 682752

Tetra Tech- Midland, Midland, TX

Project Name: Falcon Remediation

Project Id: 212C-MD-02376
Contact: Brittany Long
Project Location: Eddy County, NM

Date Received in Lab: Tue 12.29.2020 08:54
Report Date: 01.12.2021 15:37
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	682752-109		682752-110		682752-111		682752-116		682752-117		682752-118	
	Field Id:	Trench-19 (4')		Trench-19 (5')		Trench-19 (6')		Trench-20 (4')		Trench-20 (5')		Trench-20 (6')	
	Depth:	1-1 ft		1-1 ft		1-1 ft		1-1 ft		1-1 ft		1-1 ft	
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	12.22.2020 00:00		12.22.2020 00:00		12.22.2020 00:00		12.22.2020 00:00		12.22.2020 00:00		12.22.2020 00:00	
BTEX by EPA 8021B	***Extracted:***	12.30.2020 10:00		12.30.2020 10:00		12.30.2020 10:00		12.30.2020 10:00		12.30.2020 10:00		12.29.2020 16:00	
	Analyzed:	12.30.2020 20:47		12.30.2020 21:14		12.30.2020 21:41		12.30.2020 22:07		12.30.2020 22:34		12.29.2020 19:03	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		0.00214	0.00199	<0.00199	0.00199	<0.00200	0.00200	0.00544	0.00199	0.00367	0.00198	<0.00200	0.00200
Toluene		0.0517	0.00199	0.0420	0.00199	<0.00200	0.00200	0.255	0.00199	0.0622	0.00198	<0.00200	0.00200
Ethylbenzene		0.0595	0.00199	0.0149	0.00199	<0.00200	0.00200	0.186	0.00199	0.0652	0.00198	<0.00200	0.00200
m,p-Xylenes		0.0761	0.00398	0.0102	0.00398	<0.00401	0.00401	20.2 D	0.199	11.8 D	0.0792	<0.00399	0.00399
o-Xylene		0.223	0.00199	0.155	0.00199	<0.00200	0.00200	7.39 D	0.0996	5.00 D	0.0396	<0.00200	0.00200
Total Xylenes		0.299	0.00199	0.165	0.00199	<0.00200	0.00200	27.6	0.0996	16.8	0.0396	<0.00200	0.00200
Total BTEX		0.412	0.00199	0.222	0.00199	<0.00200	0.00200	28.0	0.00199	16.9	0.00198	<0.00200	0.00200
TPH By SW8015 Mod	***Extracted:***	12.29.2020 16:00		12.29.2020 16:00		12.29.2020 16:00		12.29.2020 16:00		12.29.2020 16:00		12.29.2020 16:00	
	Analyzed:	12.31.2020 01:34		12.31.2020 01:53		12.31.2020 02:12		12.31.2020 02:32		12.31.2020 02:51		12.31.2020 03:10	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		760	49.9	161	50.0	50.3	49.8	1890	50.0	578	49.9	54.7	50.0
Diesel Range Organics (DRO)		3400	49.9	1060	50.0	<49.8	49.8	6160	50.0	2480	49.9	<50.0	50.0
Motor Oil Range Hydrocarbons (MRO)		360	49.9	118	50.0	<49.8	49.8	455	50.0	266	49.9	<50.0	50.0
Total TPH		4520	49.9	1340	50.0	50.3	49.8	8510	50.0	3320	49.9	54.7	50.0

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Certificate of Analysis Summary 682752

Tetra Tech- Midland, Midland, TX

Project Name: Falcon Remediation

Project Id: 212C-MD-02376
Contact: Brittany Long
Project Location: Eddy County, NM

Date Received in Lab: Tue 12.29.2020 08:54
Report Date: 01.12.2021 15:37
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	682752-123		682752-124		682752-125		682752-130		682752-131		682752-132	
	Field Id:	Trench-21 (4')		Trench-21 (5')		Trench-21 (6')		Trench-22 (4')		Trench-22 (5')		Trench-22 (6')	
	Depth:	1-1 ft		1-1 ft		1-1 ft		1-1 ft		1-1 ft		1-1 ft	
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	12.22.2020 00:00		12.22.2020 00:00		12.22.2020 00:00		12.22.2020 00:00		12.22.2020 00:00		12.22.2020 00:00	
BTEX by EPA 8021B	***Extracted:***	12.29.2020 16:00		12.29.2020 16:00		12.29.2020 16:00		12.29.2020 16:00		12.29.2020 16:00		12.29.2020 16:00	
	Analyzed:	12.29.2020 19:28		12.29.2020 19:53		12.29.2020 20:20		12.29.2020 20:46		12.29.2020 21:12		12.29.2020 21:39	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		<0.00200	0.00200	<0.00199	0.00199	<0.00198	0.00198	0.00294	0.00200	0.171	0.00200	0.00301	0.00201
Toluene		0.00582	0.00200	<0.00199	0.00199	<0.00198	0.00198	0.0388	0.00200	5.33 D	0.200	1.73 D	0.100
Ethylbenzene		0.141	0.00200	<0.00199	0.00199	<0.00198	0.00198	0.0217	0.00200	6.20 D	0.200	2.97 D	0.100
m,p-Xylenes		0.701	0.00401	<0.00398	0.00398	<0.00396	0.00396	0.252	0.00400	32.5 D	0.400	17.7 D	0.201
o-Xylene		0.394	0.00200	<0.00199	0.00199	<0.00198	0.00198	0.213	0.00200	12.4 D	0.200	5.75 D	0.100
Total Xylenes		1.10	0.00200	<0.00199	0.00199	<0.00198	0.00198	0.465	0.00200	44.9	0.200	23.5	0.100
Total BTEX		1.24	0.00200	<0.00199	0.00199	<0.00198	0.00198	0.528	0.00200	56.6	0.00200	28.2	0.00201
TPH By SW8015 Mod	***Extracted:***	12.31.2020 11:00		12.31.2020 11:00		12.31.2020 11:00		12.31.2020 11:00		12.31.2020 11:00		12.31.2020 11:00	
	Analyzed:	12.31.2020 15:19		12.31.2020 15:42		12.31.2020 16:05		12.31.2020 16:28		12.31.2020 16:51		12.31.2020 17:14	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		294	49.8	<50.0	50.0	<50.0	50.0	456	50.0	1290	50.0	330	49.9
Diesel Range Organics (DRO)		2460	49.8	92.6	50.0	<50.0	50.0	2740	50.0	4510	50.0	2050	49.9
Motor Oil Range Hydrocarbons (MRO)		185	49.8	<50.0	50.0	<50.0	50.0	217	50.0	332	50.0	152	49.9
Total TPH		2940	49.8	92.6	50.0	<50.0	50.0	3410	50.0	6130	50.0	2530	49.9

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Certificate of Analysis Summary 682752

Tetra Tech- Midland, Midland, TX

Project Name: Falcon Remediation

Project Id: 212C-MD-02376
Contact: Brittany Long
Project Location: Eddy County, NM

Date Received in Lab: Tue 12.29.2020 08:54
Report Date: 01.12.2021 15:37
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	682752-133		682752-138		682752-139		682752-140		682752-145		682752-146	
	Field Id:	Trench-22 (7')		Trench-23 (4')		Trench-23 (5')		Trench-23 (6')		Trench-24 (4')		Trench-24 (5')	
	Depth:	1-1 ft		1-1 ft		1-1 ft		1-1 ft		1-1 ft		1-1 ft	
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	12.22.2020 00:00		12.22.2020 00:00		12.22.2020 00:00		12.22.2020 00:00		12.15.2020 00:00		12.15.2020 00:00	
BTEX by EPA 8021B	***Extracted:***	12.30.2020 10:00											
	Analyzed:	12.30.2020 18:43											
	Units/RL:	mg/kg	RL										
Benzene		<0.00200	0.00200										
Toluene		<0.00200	0.00200										
Ethylbenzene		0.00532	0.00200										
m,p-Xylenes		0.0107	0.00399										
o-Xylene		0.00620	0.00200										
Total Xylenes		0.0169	0.00200										
Total BTEX		0.0222	0.00200										
TPH By SW8015 Mod	***Extracted:***	12.31.2020 11:00		12.31.2020 11:00		12.31.2020 11:00		12.31.2020 11:00		12.29.2020 11:00		12.29.2020 11:00	
	Analyzed:	12.31.2020 17:37		12.31.2020 17:59		12.31.2020 18:22		12.31.2020 19:08		12.30.2020 19:26		12.30.2020 19:49	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<50.0	50.0	96.3	50.0	<49.9	49.9	<50.0	50.0	543	50.0	<49.9	49.9
Diesel Range Organics (DRO)		358	50.0	1130	50.0	69.7	49.9	54.8	50.0	505	50.0	151	49.9
Motor Oil Range Hydrocarbons (MRO)		<50.0	50.0	85.7	50.0	<49.9	49.9	<50.0	50.0	124	50.0	65.4	49.9
Total TPH		358	50.0	1310	50.0	69.7	49.9	54.8	50.0	1170	50.0	216	49.9

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Certificate of Analysis Summary 682752

Tetra Tech- Midland, Midland, TX

Project Name: Falcon Remediation

Project Id: 212C-MD-02376
Contact: Brittany Long
Project Location: Eddy County, NM

Date Received in Lab: Tue 12.29.2020 08:54
Report Date: 01.12.2021 15:37
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	682752-147		682752-148		682752-153		682752-158		682752-163		682752-168	
	Field Id:	Trench-24 (6')		Trench-25 (0-1')		Trench-26 (0-1')		Trench-27 (0-1')		Trench-28 (0-1')		Trench-29 (0-1')	
	Depth:	1-1 ft		1-1 ft		1-1 ft		1-1 ft		1-1 ft		1-1 ft	
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	12.15.2020 00:00		12.15.2020 00:00		12.15.2020 00:00		12.21.2020 00:00		12.15.2020 00:00		12.21.2020 00:00	
TPH By SW8015 Mod	***Extracted:***	12.29.2020 11:00		12.29.2020 11:00		12.29.2020 11:00		12.31.2020 11:00		12.29.2020 11:00		12.31.2020 11:00	
	Analyzed:	12.30.2020 20:35		12.30.2020 20:58		12.30.2020 21:23		12.31.2020 19:31		12.30.2020 21:45		12.31.2020 19:54	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<50.0	50.0	<50.0	50.0	<50.0	50.0	<49.8	49.8	<49.9	49.9	<50.0	50.0
Diesel Range Organics (DRO)		176	50.0	<50.0	50.0	<50.0	50.0	<49.8	49.8	<49.9	49.9	<50.0	50.0
Motor Oil Range Hydrocarbons (MRO)		<50.0	50.0	<50.0	50.0	<50.0	50.0	<49.8	49.8	<49.9	49.9	<50.0	50.0
Total TPH		176	50.0	<50.0	50.0	<50.0	50.0	<49.8	49.8	<49.9	49.9	<50.0	50.0

BRL - Below Reporting Limit

Jessica Kramer

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Certificate of Analysis Summary 682752

Tetra Tech- Midland, Midland, TX

Project Name: Falcon Remediation

Project Id: 212C-MD-02376
Contact: Brittany Long
Project Location: Eddy County, NM

Date Received in Lab: Tue 12.29.2020 08:54
Report Date: 01.12.2021 15:37
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	682752-169		682752-170		682752-171		682752-172		682752-173		682752-174	
	Field Id:	Trench-29 (1')		Trench-29 (2')		Trench-29 (3')		Trench-29 (4')		Trench-29 (5')		Trench-29 (6')	
	Depth:	1-1 ft		1-1 ft		1-1 ft		1-1 ft		1-1 ft		1-1 ft	
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	12.21.2020 00:00		12.21.2020 00:00		12.21.2020 00:00		12.21.2020 00:00		12.21.2020 00:00		12.21.2020 00:00	
TPH By SW8015 Mod	***Extracted:***	12.31.2020 11:00		12.31.2020 11:00		12.31.2020 11:00		12.31.2020 11:00		12.31.2020 11:00		12.31.2020 11:00	
	Analyzed:	12.31.2020 20:17		12.31.2020 20:39		12.31.2020 21:02		12.31.2020 21:25		12.31.2020 21:47		12.31.2020 22:10	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<50.0	50.0	<49.9	49.9	<50.0	50.0	<50.0	50.0	<49.9	49.9	<50.0	50.0
Diesel Range Organics (DRO)		<50.0	50.0	<49.9	49.9	<50.0	50.0	<50.0	50.0	<49.9	49.9	<50.0	50.0
Motor Oil Range Hydrocarbons (MRO)		<50.0	50.0	<49.9	49.9	<50.0	50.0	<50.0	50.0	<49.9	49.9	<50.0	50.0
Total TPH		<50.0	50.0	<49.9	49.9	<50.0	50.0	<50.0	50.0	<49.9	49.9	<50.0	50.0

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Certificate of Analysis Summary 682752

Tetra Tech- Midland, Midland, TX

Project Name: Falcon Remediation

Project Id: 212C-MD-02376
Contact: Brittany Long
Project Location: Eddy County, NM

Date Received in Lab: Tue 12.29.2020 08:54
Report Date: 01.12.2021 15:37
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	682752-175		682752-176		682752-177		682752-178		682752-179		682752-180	
	Field Id:	Trench-29 (7')		Trench-29 (8')		Trench-29 (9')		Trench-29 (10')		Trench-30 (0-1')		Trench-30 (1')	
	Depth:	1-1 ft		1-1 ft		1-1 ft		1-1 ft		1-1 ft		1-1 ft	
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	12.21.2020 00:00		12.21.2020 00:00		12.21.2020 00:00		12.21.2020 00:00		12.21.2020 00:00		12.21.2020 00:00	
TPH By SW8015 Mod	***Extracted:***	12.31.2020 11:00		12.31.2020 11:00		12.31.2020 11:00		12.31.2020 11:00		12.31.2020 11:00		12.31.2020 11:00	
	Analyzed:	01.04.2021 16:24		01.04.2021 17:19		01.04.2021 17:37		01.04.2021 17:55		01.04.2021 18:13		01.04.2021 18:31	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<50.0	50.0	<49.8	49.8	<50.0	50.0	<50.0	50.0	110	49.9	137	49.8
Diesel Range Organics (DRO)		<50.0	50.0	<49.8	49.8	<50.0	50.0	<50.0	50.0	5490	49.9	3490	49.8
Motor Oil Range Hydrocarbons (MRO)		<50.0	50.0	<49.8	49.8	<50.0	50.0	<50.0	50.0	459	49.9	338	49.8
Total TPH		<50.0	50.0	<49.8	49.8	<50.0	50.0	<50.0	50.0	6060	49.9	3970	49.8

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Certificate of Analysis Summary 682752

Tetra Tech- Midland, Midland, TX

Project Name: Falcon Remediation

Project Id: 212C-MD-02376
Contact: Brittany Long
Project Location: Eddy County, NM

Date Received in Lab: Tue 12.29.2020 08:54
Report Date: 01.12.2021 15:37
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	682752-181		682752-182		682752-183		682752-184		682752-185		682752-190	
	Field Id:	Trench-30 (2')		Trench-30 (3')		Trench-30 (4')		Trench-30 (5')		Trench-31 (0-1')		Trench-32 (0-1')	
	Depth:	1-1 ft		1-1 ft		1-1 ft		1-1 ft		1-1 ft		1-1 ft	
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	12.21.2020 00:00		12.21.2020 00:00		12.21.2020 00:00		12.15.2020 00:00		12.15.2020 00:00		12.21.2020 00:00	
TPH By SW8015 Mod	***Extracted:***	12.31.2020 11:00		12.31.2020 11:00		12.31.2020 11:00		12.29.2020 11:00		12.29.2020 11:00		12.31.2020 11:00	
	Analyzed:	01.04.2021 18:50		01.04.2021 19:08		01.04.2021 19:26		12.30.2020 22:08		12.30.2020 22:32		01.04.2021 19:45	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<50.0	50.0	<50.0	50.0	<49.9	49.9	<49.8	49.8	<49.9	49.9	<50.0	50.0
Diesel Range Organics (DRO)		<50.0	50.0	<50.0	50.0	928	49.9	63.5	49.8	109	49.9	<50.0	50.0
Motor Oil Range Hydrocarbons (MRO)		<50.0	50.0	<50.0	50.0	130	49.9	<49.8	49.8	<49.9	49.9	<50.0	50.0
Total TPH		<50.0	50.0	<50.0	50.0	1060	49.9	63.5	49.8	109	49.9	<50.0	50.0

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Certificate of Analysis Summary 682752

Tetra Tech- Midland, Midland, TX

Project Name: Falcon Remediation

Project Id: 212C-MD-02376
Contact: Brittany Long
Project Location: Eddy County, NM

Date Received in Lab: Tue 12.29.2020 08:54
Report Date: 01.12.2021 15:37
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	682752-195		682752-196		682752-197		682752-198		682752-199		682752-200	
	Field Id:	H-1 (0-1')		H-2(0-1')		H-3 (0-1')		H-4 (0-1')		H-5 (0-1')		H-6 (0-1')	
	Depth:	1-1 ft		1-1 ft		1-1 ft		1-1 ft		1-1 ft		1-1 ft	
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	12.16.2020 00:00		12.16.2020 00:00		12.16.2020 00:00		12.16.2020 00:00		12.16.2020 00:00		12.16.2020 00:00	
TPH By SW8015 Mod	***Extracted:***	12.31.2020 11:00		12.31.2020 11:00		12.31.2020 11:00		12.29.2020 11:00		12.29.2020 11:00		12.29.2020 11:00	
	Analyzed:	01.04.2021 20:22		01.04.2021 20:40		12.31.2020 22:33		12.30.2020 22:55		12.30.2020 23:17		12.30.2020 23:39	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<50.0	50.0	<49.9	49.9	<50.0	50.0	<50.0	50.0	<50.0	50.0	<49.9	49.9
Diesel Range Organics (DRO)		<50.0	50.0	<49.9	49.9	<50.0	50.0	<50.0	50.0	<50.0	50.0	<49.9	49.9
Motor Oil Range Hydrocarbons (MRO)		<50.0	50.0	<49.9	49.9	<50.0	50.0	<50.0	50.0	<50.0	50.0	<49.9	49.9
Total TPH		<50.0	50.0	<49.9	49.9	<50.0	50.0	<50.0	50.0	<50.0	50.0	<49.9	49.9

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Certificate of Analysis Summary 682752

Tetra Tech- Midland, Midland, TX

Project Name: Falcon Remediation

Project Id: 212C-MD-02376
Contact: Brittany Long
Project Location: Eddy County, NM

Date Received in Lab: Tue 12.29.2020 08:54
Report Date: 01.12.2021 15:37
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	682752-201		682752-202		682752-203		682752-204		682752-205		682752-206	
	Field Id:	H-7 (0-1')		H-8 (0-1')		H-9 (0-1')		H-10 (0-1')		H-11 (0-1')		H-12 (0-1')	
	Depth:	1-1 ft		1-1 ft		1-1 ft		1-1 ft		1-1 ft		1-1 ft	
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	12.16.2020 00:00		12.16.2020 00:00		12.16.2020 00:00		12.16.2020 00:00		12.16.2020 00:00		12.16.2020 00:00	
TPH By SW8015 Mod	***Extracted:***	12.29.2020 11:00		12.29.2020 11:00		12.29.2020 11:00		12.29.2020 11:00		12.29.2020 11:00		12.29.2020 11:00	
	Analyzed:	12.31.2020 00:00		12.29.2020 16:40		12.29.2020 17:00		12.29.2020 17:20		12.29.2020 17:40		12.29.2020 17:59	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<49.8	49.8	<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.9	49.9	50.0	50.0
Diesel Range Organics (DRO)		<49.8	49.8	<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.9	49.9	<50.0	50.0
Motor Oil Range Hydrocarbons (MRO)		<49.8	49.8	<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.9	49.9	<50.0	50.0
Total TPH		<49.8	49.8	<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.9	49.9	50.0	50.0

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Certificate of Analysis Summary 682752

Tetra Tech- Midland, Midland, TX

Project Name: Falcon Remediation

Project Id: 212C-MD-02376
Contact: Brittany Long
Project Location: Eddy County, NM

Date Received in Lab: Tue 12.29.2020 08:54
Report Date: 01.12.2021 15:37
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	682752-207		682752-208		682752-209		682752-210		682752-211		682752-212	
	Field Id:	H-13 (0-1')		H-14 (0-1')		H-15 (0-1')		H-16(0-1')		H-17 (0-1')		H-18 (0-1')	
	Depth:	1-1 ft		1-1 ft		1-1 ft		1-1 ft		1-1 ft		1-1 ft	
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	12.16.2020 00:00		12.16.2020 00:00		12.16.2020 00:00		12.16.2020 00:00		12.16.2020 00:00		12.16.2020 00:00	
TPH By SW8015 Mod	***Extracted:***	12.29.2020 11:00		12.29.2020 11:00		12.29.2020 11:00		12.29.2020 11:00		12.29.2020 11:00		12.29.2020 11:00	
	Analyzed:	12.29.2020 18:38		12.29.2020 18:57		12.29.2020 19:16		12.29.2020 19:36		12.29.2020 19:55		12.29.2020 20:15	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<49.8	49.8	61.0	49.9	<50.0	50.0	60.9	50.0	<49.9	49.9	<49.9	49.9
Diesel Range Organics (DRO)		<49.8	49.8	<49.9	49.9	<50.0	50.0	<50.0	50.0	<49.9	49.9	<49.9	49.9
Motor Oil Range Hydrocarbons (MRO)		<49.8	49.8	<49.9	49.9	<50.0	50.0	<50.0	50.0	<49.9	49.9	<49.9	49.9
Total TPH		<49.8	49.8	61.0	49.9	<50.0	50.0	60.9	50.0	<49.9	49.9	<49.9	49.9

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Certificate of Analysis Summary 682752

Tetra Tech- Midland, Midland, TX

Project Name: Falcon Remediation

Project Id: 212C-MD-02376
Contact: Brittany Long
Project Location: Eddy County, NM

Date Received in Lab: Tue 12.29.2020 08:54
Report Date: 01.12.2021 15:37
Project Manager: Jessica Kramer

Analysis Requested											
	Lab Id:	682752-213		682752-214		682752-215		682752-216			
	Field Id:	H-19 (0-1')		H-20 (0-1')		H-21(0-1')		H-22(0-1')			
	Depth:	1-1 ft		1-1 ft		1-1 ft		1-1 ft			
	Matrix:	SOIL		SOIL		SOIL		SOIL			
	Sampled:	12.16.2020 00:00		12.16.2020 00:00		12.16.2020 00:00		12.16.2020 00:00			
TPH By SW8015 Mod	***Extracted:***	12.29.2020 11:00		12.29.2020 11:00		12.29.2020 11:00		12.29.2020 11:00			
	Analyzed:	12.29.2020 20:34		12.29.2020 20:54		12.29.2020 21:14		12.29.2020 21:33			
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL		
Gasoline Range Hydrocarbons (GRO)		<49.9	49.9	68.6	49.9	<50.0	50.0	58.9	50.0		
Diesel Range Organics (DRO)		<49.9	49.9	<49.9	49.9	<50.0	50.0	<50.0	50.0		
Motor Oil Range Hydrocarbons (MRO)		<49.9	49.9	<49.9	49.9	<50.0	50.0	<50.0	50.0		
Total TPH		<49.9	49.9	68.6	49.9	<50.0	50.0	58.9	50.0		

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Analytical Report 682752

for

Tetra Tech- Midland

Project Manager: Brittany Long

Falcon Remediation

212C-MD-02376

01.12.2021

Collected By: Client

1211 W. Florida Ave
Midland TX 79701

Xenco-Houston (EPA Lab Code: TX00122):
Texas (T104704215-20-38), Arizona (AZ0765), Florida (E871002-33), Louisiana (03054)
Oklahoma (2020-014), North Carolina (681), Arkansas (20-035-0)

Xenco-Dallas (EPA Lab Code: TX01468):
Texas (T104704295-20-26), Arizona (AZ0809)

Xenco-El Paso (EPA Lab Code: TX00127): Texas (T104704221-20-18)
Xenco-Lubbock (EPA Lab Code: TX00139): Texas (T104704219-20-24)
Xenco-Midland (EPA Lab Code: TX00158): Texas (T104704400-20-21)
Xenco-Carlsbad (LELAP): Louisiana (05092)
Xenco-San Antonio (EPA Lab Code: TNI02385): Texas (T104704534-20-8)
Xenco-Tampa: Florida (E87429), North Carolina (483)

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01.12.2021

Project Manager: **Brittany Long**
Tetra Tech- Midland
901 West Wall ST
Midland, TX 79701

Reference: Eurofins Xenco, LLC Report No(s): **682752**
Falcon Remediation
Project Address: Eddy County, NM

Brittany Long:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the Eurofins Xenco, LLC Report Number(s) 682752. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by Eurofins Xenco, LLC. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 682752 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting Eurofins Xenco, LLC to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Jessica Kramer

Jessica Kramer
Project Manager

A Small Business and Minority Company

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Sample Cross Reference 682752

Tetra Tech- Midland, Midland, TX

Falcon Remediation

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
Trench-1 (0-1')	S	12.15.2020 00:00	0 - 1 ft	682752-001
Trench-1 (1')	S	12.15.2020 00:00	1 ft	682752-002
Trench-1 (2')	S	12.15.2020 00:00	2 ft	682752-003
Trench-1 (3')	S	12.15.2020 00:00	3 ft	682752-004
Trench-1 (4')	S	12.15.2020 00:00	4 ft	682752-005
Trench-2 (0-1')	S	12.15.2020 00:00	0 - 1 ft	682752-006
Trench-3 (0-1')	S	12.21.2020 00:00	0 - 1 ft	682752-011
Trench-3 (1')	S	12.21.2020 00:00	1 ft	682752-012
Trench-3 (2')	S	12.21.2020 00:00	2 ft	682752-013
Trench-3 (3')	S	12.21.2020 00:00	3 ft	682752-014
Trench-3 (4')	S	12.21.2020 00:00	4 ft	682752-015
Trench-4 (0-1')	S	12.21.2020 00:00	0 - 1 ft	682752-016
Trench-4 (1')	S	12.21.2020 00:00	1 ft	682752-017
Trench-4 (2')	S	12.21.2020 00:00	2 ft	682752-018
Trench-4 (3')	S	12.21.2020 00:00	3 ft	682752-019
Trench-4 (4')	S	12.21.2020 00:00	4 ft	682752-020
Trench-5 (0-1')	S	12.21.2020 00:00	0 - 1 ft	682752-021
Trench-5 (1')	S	12.21.2020 00:00	1 ft	682752-022
Trench-5 (2')	S	12.21.2020 00:00	2 ft	682752-023
Trench-5(3')	S	12.21.2020 00:00	3 ft	682752-024
Trench-5 (4')	S	12.21.2020 00:00	4 ft	682752-025
Trench-6 (0-1')	S	12.21.2020 00:00	0 - 1 ft	682752-026
Trench-6 (1')	S	12.21.2020 00:00	1 ft	682752-027
Trench-6 (2')	S	12.21.2020 00:00	2 ft	682752-028
Trench-6 (3')	S	12.21.2020 00:00	3 ft	682752-029
Trench-6 (4')	S	12.21.2020 00:00	4 ft	682752-030
Trench-7 (3')	S	12.21.2020 00:00	3 ft	682752-034
Trench-7 (4')	S	12.21.2020 00:00	4 ft	682752-035
Trench-7 (5')	S	12.21.2020 00:00	5 ft	682752-036
Trench-8 (3')	S	12.21.2020 00:00	3 ft	682752-040
Trench-8 (4')	S	12.21.2020 00:00	1 - 1 ft	682752-041
Trench-8 (5')	S	12.21.2020 00:00	1 - 1 ft	682752-042
Trench-9 (3')	S	12.21.2020 00:00	1 - 1 ft	682752-046
Trench-9 (4')	S	12.21.2020 00:00	1 - 1 ft	682752-047
Trench-9 (5')	S	12.21.2020 00:00	1 - 1 ft	682752-048
Trench-10 (1')	S	12.21.2020 00:00	1 - 1 ft	682752-050
Trench-10 (2')	S	12.21.2020 00:00	1 - 1 ft	682752-051
Trench-10 (3')	S	12.21.2020 00:00	1 - 1 ft	682752-052
Trench-11 (2')	S	12.21.2020 00:00	1 - 1 ft	682752-056
Trench-11 (3')	S	12.21.2020 00:00	1 - 1 ft	682752-057
Trench-11 (4')	S	12.21.2020 00:00	1 - 1 ft	682752-058
Trench-12 (4')	S	12.21.2020 00:00	1 - 1 ft	682752-063
Trench-12 (5')	S	12.21.2020 00:00	1 - 1 ft	682752-064

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Sample Cross Reference 682752

Tetra Tech- Midland, Midland, TX

Falcon Remediation

Trench-12 (6')	S	12.21.2020 00:00	1 - 1 ft	682752-065
Trench-13 (4')	S	12.21.2020 00:00	1 - 1 ft	682752-070
Trench-13 (5')	S	12.21.2020 00:00	1 - 1 ft	682752-071
Trench-13 (6')	S	12.21.2020 00:00	1 - 1 ft	682752-072
Trench-13 (7')	S	12.21.2020 00:00	1 - 1 ft	682752-073
Trench-13 (8')	S	12.21.2020 00:00	1 - 1 ft	682752-074
Trench-14 (0-1')	S	12.21.2020 00:00	1 - 1 ft	682752-075
Trench-14 (1')	S	12.21.2020 00:00	1 - 1 ft	682752-076
Trench-14 (2')	S	12.21.2020 00:00	1 - 1 ft	682752-077
Trench-14 (3')	S	12.21.2020 00:00	1 - 1 ft	682752-078
Trench-14 (4')	S	12.21.2020 00:00	1 - 1 ft	682752-079
Trench-14 (5')	S	12.21.2020 00:00	1 - 1 ft	682752-080
Trench-15 (3')	S	12.21.2020 00:00	1 - 1 ft	682752-084
Trench-15 (4')	S	12.21.2020 00:00	1 - 1 ft	682752-085
Trench-15 (5')	S	12.21.2020 00:00	1 - 1 ft	682752-086
Trench-16 (0-1')	S	12.21.2020 00:00	1 - 1 ft	682752-087
Trench-16 (1')	S	12.21.2020 00:00	1 - 1 ft	682752-088
Trench-16 (2')	S	12.21.2020 00:00	1 - 1 ft	682752-089
Trench-17 (0-1')	S	12.21.2020 00:00	1 - 1 ft	682752-092
Trench-17 (1')	S	12.21.2020 00:00	1 - 1 ft	682752-093
Trench-17 (2)	S	12.21.2020 00:00	1 - 1 ft	682752-094
Trench-17 (3')	S	12.21.2020 00:00	1 - 1 ft	682752-095
Trench-17 (4')	S	12.21.2020 00:00	1 - 1 ft	682752-096
Trench-17 (5')	S	12.21.2020 00:00	1 - 1 ft	682752-097
Trench-17 (6')	S	12.21.2020 00:00	1 - 1 ft	682752-098
Trench-17 (7')	S	12.21.2020 00:00	1 - 1 ft	682752-099
Trench-18 (0-1')	S	12.21.2020 00:00	1 - 1 ft	682752-100
Trench-18 (1')	S	12.21.2020 00:00	1 - 1 ft	682752-101
Trench-18 (2')	S	12.21.2020 00:00	1 - 1 ft	682752-102
Trench-19 (4')	S	12.22.2020 00:00	1 - 1 ft	682752-109
Trench-19 (5')	S	12.22.2020 00:00	1 - 1 ft	682752-110
Trench-19 (6')	S	12.22.2020 00:00	1 - 1 ft	682752-111
Trench-20 (4')	S	12.22.2020 00:00	1 - 1 ft	682752-116
Trench-20 (5')	S	12.22.2020 00:00	1 - 1 ft	682752-117
Trench-20 (6')	S	12.22.2020 00:00	1 - 1 ft	682752-118
Trench-21 (4')	S	12.22.2020 00:00	1 - 1 ft	682752-123
Trench-21 (5')	S	12.22.2020 00:00	1 - 1 ft	682752-124
Trench-21 (6')	S	12.22.2020 00:00	1 - 1 ft	682752-125
Trench-22 (4')	S	12.22.2020 00:00	1 - 1 ft	682752-130
Trench-22 (5')	S	12.22.2020 00:00	1 - 1 ft	682752-131
Trench-22 (6')	S	12.22.2020 00:00	1 - 1 ft	682752-132
Trench-22 (7')	S	12.22.2020 00:00	1 - 1 ft	682752-133
Trench-23 (4')	S	12.22.2020 00:00	1 - 1 ft	682752-138
Trench-23 (5')	S	12.22.2020 00:00	1 - 1 ft	682752-139

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Sample Cross Reference 682752

Tetra Tech- Midland, Midland, TX

Falcon Remediation

Trench-23 (6')	S	12.22.2020 00:00	1 - 1 ft	682752-140
Trench-24 (4')	S	12.15.2020 00:00	1 - 1 ft	682752-145
Trench-24 (5')	S	12.15.2020 00:00	1 - 1 ft	682752-146
Trench-24 (6')	S	12.15.2020 00:00	1 - 1 ft	682752-147
Trench-25 (0-1')	S	12.15.2020 00:00	1 - 1 ft	682752-148
Trench-26 (0-1')	S	12.15.2020 00:00	1 - 1 ft	682752-153
Trench-27 (0-1')	S	12.21.2020 00:00	1 - 1 ft	682752-158
Trench-28 (0-1')	S	12.15.2020 00:00	1 - 1 ft	682752-163
Trench-29 (0-1')	S	12.21.2020 00:00	1 - 1 ft	682752-168
Trench-29 (1')	S	12.21.2020 00:00	1 - 1 ft	682752-169
Trench-29 (2')	S	12.21.2020 00:00	1 - 1 ft	682752-170
Trench-29 (3')	S	12.21.2020 00:00	1 - 1 ft	682752-171
Trench-29 (4')	S	12.21.2020 00:00	1 - 1 ft	682752-172
Trench-29 (5')	S	12.21.2020 00:00	1 - 1 ft	682752-173
Trench-29 (6')	S	12.21.2020 00:00	1 - 1 ft	682752-174
Trench-29 (7')	S	12.21.2020 00:00	1 - 1 ft	682752-175
Trench-29 (8')	S	12.21.2020 00:00	1 - 1 ft	682752-176
Trench-29 (9')	S	12.21.2020 00:00	1 - 1 ft	682752-177
Trench-29 (10')	S	12.21.2020 00:00	1 - 1 ft	682752-178
Trench-30 (0-1')	S	12.21.2020 00:00	1 - 1 ft	682752-179
Trench-30 (1')	S	12.21.2020 00:00	1 - 1 ft	682752-180
Trench-30 (2')	S	12.21.2020 00:00	1 - 1 ft	682752-181
Trench-30 (3')	S	12.21.2020 00:00	1 - 1 ft	682752-182
Trench-30 (4')	S	12.21.2020 00:00	1 - 1 ft	682752-183
Trench-30 (5')	S	12.15.2020 00:00	1 - 1 ft	682752-184
Trench-31 (0-1')	S	12.15.2020 00:00	1 - 1 ft	682752-185
Trench-32 (0-1')	S	12.21.2020 00:00	1 - 1 ft	682752-190
H-1 (0-1')	S	12.16.2020 00:00	1 - 1 ft	682752-195
H-2(0-1')	S	12.16.2020 00:00	1 - 1 ft	682752-196
H-3 (0-1')	S	12.16.2020 00:00	1 - 1 ft	682752-197
H-4 (0-1')	S	12.16.2020 00:00	1 - 1 ft	682752-198
H-5 (0-1')	S	12.16.2020 00:00	1 - 1 ft	682752-199
H-6 (0-1')	S	12.16.2020 00:00	1 - 1 ft	682752-200
H-7 (0-1')	S	12.16.2020 00:00	1 - 1 ft	682752-201
H-8 (0-1')	S	12.16.2020 00:00	1 - 1 ft	682752-202
H-9 (0-1')	S	12.16.2020 00:00	1 - 1 ft	682752-203
H-10 (0-1')	S	12.16.2020 00:00	1 - 1 ft	682752-204
H-11 (0-1')	S	12.16.2020 00:00	1 - 1 ft	682752-205
H-12 (0-1')	S	12.16.2020 00:00	1 - 1 ft	682752-206
H-13 (0-1')	S	12.16.2020 00:00	1 - 1 ft	682752-207
H-14 (0-1')	S	12.16.2020 00:00	1 - 1 ft	682752-208
H-15 (0-1')	S	12.16.2020 00:00	1 - 1 ft	682752-209
H-16(0-1')	S	12.16.2020 00:00	1 - 1 ft	682752-210
H-17 (0-1')	S	12.16.2020 00:00	1 - 1 ft	682752-211

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Sample Cross Reference 682752

Tetra Tech- Midland, Midland, TX

Falcon Remediation

H-18 (0-1')	S	12.16.2020 00:00	1 - 1 ft	682752-212
H-19 (0-1')	S	12.16.2020 00:00	1 - 1 ft	682752-213
H-20 (0-1')	S	12.16.2020 00:00	1 - 1 ft	682752-214
H-21(0-1')	S	12.16.2020 00:00	1 - 1 ft	682752-215
H-22(0-1')	S	12.16.2020 00:00	1 - 1 ft	682752-216
Trench-2 (1')	S	12.15.2020 00:00	1 ft	Not Analyzed
Trench-2 (2')	S	12.15.2020 00:00	2 ft	Not Analyzed
Trench-2 (3')	S	12.15.2020 00:00	3 ft	Not Analyzed
Trench-2 (4')	S	12.15.2020 00:00	4 ft	Not Analyzed
Trench-7 (0-1')	S	12.21.2020 00:00	0 - 1 ft	Not Analyzed
Trench-7 (1')	S	12.21.2020 00:00	1 ft	Not Analyzed
Trench-7 (2')	S	12.21.2020 00:00	2 ft	Not Analyzed
Trench-8 (0-1')	S	12.21.2020 00:00	0 - 1 ft	Not Analyzed
Trench-8 (1')	S	12.21.2020 00:00	1 ft	Not Analyzed
Trench-8 (2')	S	12.21.2020 00:00	2 ft	Not Analyzed
Trench-9 (0-1)	S	12.21.2020 00:00	1 - 1 ft	Not Analyzed
Trench-9 (1')	S	12.21.2020 00:00	1 - 1 ft	Not Analyzed
Trench-9 (2')	S	12.21.2020 00:00	1 - 1 ft	Not Analyzed
Trench-10 (0-1')	S	12.21.2020 00:00	1 - 1 ft	Not Analyzed
Trench-10 (4')	S	12.21.2020 00:00	1 - 1 ft	Not Analyzed
Trench-11 (0-1')	S	12.21.2020 00:00	1 - 1 ft	Not Analyzed
Trench-11 (1')	S	12.21.2020 00:00	1 - 1 ft	Not Analyzed
Trench-12 (0-1')	S	12.21.2020 00:00	1 - 1 ft	Not Analyzed
Trench-12 (1')	S	12.21.2020 00:00	1 - 1 ft	Not Analyzed
Trench-12 (2')	S	12.21.2020 00:00	1 - 1 ft	Not Analyzed
Trench-12 (3')	S	12.21.2020 00:00	1 - 1 ft	Not Analyzed
Trench-13 (0-1')	S	12.21.2020 00:00	1 - 1 ft	Not Analyzed
Trench-13 (1')	S	12.21.2020 00:00	1 - 1 ft	Not Analyzed
Trench-13 (2')	S	12.21.2020 00:00	1 - 1 ft	Not Analyzed
Trench-13 (3')	S	12.21.2020 00:00	1 - 1 ft	Not Analyzed
Trench-15 (0-1')	S	12.21.2020 00:00	1 - 1 ft	Not Analyzed
Trench-15 (1')	S	12.21.2020 00:00	1 - 1 ft	Not Analyzed
Trench-15 (2')	S	12.21.2020 00:00	1 - 1 ft	Not Analyzed
Trench-16 (3')	S	12.21.2020 00:00	1 - 1 ft	Not Analyzed
Trench-16 (4')	S	12.21.2020 00:00	1 - 1 ft	Not Analyzed
Trench-18 (3')	S	12.21.2020 00:00	1 - 1 ft	Not Analyzed
Trench-18 (4')	S	12.21.2020 00:00	1 - 1 ft	Not Analyzed
Trench-19 (0-1')	S	12.22.2020 00:00	1 - 1 ft	Not Analyzed
Trench-19 (1')	S	12.22.2020 00:00	1 - 1 ft	Not Analyzed
Trench-19 (2')	S	12.22.2020 00:00	1 - 1 ft	Not Analyzed
Trench-19 (3')	S	12.22.2020 00:00	1 - 1 ft	Not Analyzed
Trench-20 (0-1')	S	12.22.2020 00:00	1 - 1 ft	Not Analyzed
Trench-20 (1')	S	12.22.2020 00:00	1 - 1 ft	Not Analyzed
Trench-20 (2')	S	12.22.2020 00:00	1 - 1 ft	Not Analyzed

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Sample Cross Reference 682752

Tetra Tech- Midland, Midland, TX

Falcon Remediation

Trench-20 (3')	S	12.22.2020 00:00	1 - 1 ft	Not Analyzed
Trench-21 (0-')	S	12.22.2020 00:00	1 - 1 ft	Not Analyzed
Trench-21 (1')	S	12.22.2020 00:00	1 - 1 ft	Not Analyzed
Trench-21 (2')	S	12.22.2020 00:00	1 - 1 ft	Not Analyzed
Trench-21 (3')	S	12.22.2020 00:00	1 - 1 ft	Not Analyzed
Trench-22 (0-1')	S	12.22.2020 00:00	1 - 1 ft	Not Analyzed
Trench-22 (1')	S	12.22.2020 00:00	1 - 1 ft	Not Analyzed
Trench-22 (2')	S	12.22.2020 00:00	1 - 1 ft	Not Analyzed
Trench-22 (3')	S	12.22.2020 00:00	1 - 1 ft	Not Analyzed
Trench-23 (0-1')	S	12.22.2020 00:00	1 - 1 ft	Not Analyzed
Trench-23 (1')	S	12.22.2020 00:00	1 - 1 ft	Not Analyzed
Trench-23 (2')	S	12.22.2020 00:00	1 - 1 ft	Not Analyzed
Trench-23 (3')	S	12.22.2020 00:00	1 - 1 ft	Not Analyzed
Trench-24 (0-1')	S	12.15.2020 00:00	1 - 1 ft	Not Analyzed
Trench-24 (1')	S	12.15.2020 00:00	1 - 1 ft	Not Analyzed
Trench-24 (2')	S	12.15.2020 00:00	1 - 1 ft	Not Analyzed
Trench-24 (3')	S	12.15.2020 00:00	1 - 1 ft	Not Analyzed
Trench-25 (1')	S	12.15.2020 00:00	1 - 1 ft	Not Analyzed
Trench-25 (2')	S	12.15.2020 00:00	1 - 1 ft	Not Analyzed
Trench-25 (3')	S	12.15.2020 00:00	1 - 1 ft	Not Analyzed
Trench-25 (4')	S	12.15.2020 00:00	1 - 1 ft	Not Analyzed
Trench-26 (1')	S	12.15.2020 00:00	1 - 1 ft	Not Analyzed
Trench-26 (2')	S	12.15.2020 00:00	1 - 1 ft	Not Analyzed
Trench-26 (3')	S	12.15.2020 00:00	1 - 1 ft	Not Analyzed
Trench-26 (4')	S	12.15.2020 00:00	1 - 1 ft	Not Analyzed
Trench-27 (1')	S	12.21.2020 00:00	1 - 1 ft	Not Analyzed
Trench-27 (2')	S	12.21.2020 00:00	1 - 1 ft	Not Analyzed
Trench-27 (3')	S	12.21.2020 00:00	1 - 1 ft	Not Analyzed
Trench-27 (4')	S	12.21.2020 00:00	1 - 1 ft	Not Analyzed
Trench-28 (1')	S	12.15.2020 00:00	1 - 1 ft	Not Analyzed
Trench-28 (2')	S	12.15.2020 00:00	1 - 1 ft	Not Analyzed
Trench-28 (3')	S	12.15.2020 00:00	1 - 1 ft	Not Analyzed
Trench-28 (4')	S	12.15.2020 00:00	1 - 1 ft	Not Analyzed
Trench-31 (1')	S	12.15.2020 00:00	1 - 1 ft	Not Analyzed
Trench-31 (2')	S	12.15.2020 00:00	1 - 1 ft	Not Analyzed
Trench-31 (3')	S	12.15.2020 00:00	1 - 1 ft	Not Analyzed
Trench-31 (4')	S	12.15.2020 00:00	1 - 1 ft	Not Analyzed
Trench-32 (1')	S	12.21.2020 00:00	1 - 1 ft	Not Analyzed
Trench-32 (2')	S	12.22.2020 00:00	1 - 1 ft	Not Analyzed
Trench-32 (3')	S	12.23.2020 00:00	1 - 1 ft	Not Analyzed
Trench-32 (4')	S	12.24.2020 00:00	1 - 1 ft	Not Analyzed

CASE NARRATIVE

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Client Name: Tetra Tech- Midland

Project Name: Falcon Remediation

Project ID: *212C-MD-02376*
Work Order Number(s): *682752*

Report Date: *01.12.2021*
Date Received: *12.29.2020*

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-3146363 BTEX by EPA 8021B
Surrogate 4-Bromofluorobenzene recovered above QC limits. Matrix interferences is suspected;.
Samples affected are: 682752-123,682752-132,682752-131,682752-130.

Batch: LBA-3146436 TPH By SW8015 Mod
Surrogate 1-Chlorooctane recovered above QC limits. Matrix interferences is suspected; data confirmed by re-analysis.
Samples affected are: 682752-070,682752-071,682752-087,682752-085,682752-084,682752-078,682752-077,682752-076,682752-075,682752-072.
Surrogate o-Terphenyl recovered above QC limits. Matrix interferences is suspected; data confirmed by re-analysis.
Samples affected are: 682752-085,682752-084,682752-078,682752-077,682752-087,682752-075,682752-071,682752-070,682752-076.

Lab Sample ID 682752-058 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD). Gasoline Range Hydrocarbons (GRO) recovered above QC limits in the Matrix Spike Duplicate. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 682752-058, -063, -064, -065, -070, -071, -072, -073, -074, -075, -076, -077, -078, -079, -080, -084, -085, -086, -087, -088.
The Laboratory Control Sample for Gasoline Range Hydrocarbons (GRO) is within laboratory Control Limits, therefore the data was accepted.

Gasoline Range Hydrocarbons (GRO) Relative Percent Difference (RPD) between matrix spike and duplicate was above quality control limits.
Samples in the analytical batch are: 682752-058, -063, -064, -065, -070, -071, -072, -073, -074, -075, -076, -077, -078, -079, -080, -084, -085, -086, -087, -088

Batch: LBA-3146468 BTEX by EPA 8021B
Surrogate 4-Bromofluorobenzene recovered above QC limits. Matrix interferences is suspected.
Samples affected are: 682752-046 SD,682752-075,682752-076,682752-077,682752-078,682752-117,682752-101,682752-102,682752-109,682752-110,682752-111,682752-116,682752-100.
Surrogate 1,4-Difluorobenzene recovered above QC limits. Matrix interferences is suspected.
Samples affected are: 682752-078.

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CASE NARRATIVE

Client Name: Tetra Tech- Midland

Project Name: Falcon Remediation

Project ID: *212C-MD-02376*
Work Order Number(s): *682752*

Report Date: *01.12.2021*
Date Received: *12.29.2020*

Batch: LBA-3146478 TPH By SW8015 Mod

Surrogate 1-Chlorooctane recovered above QC limits Data confirmed by re-analysis. Samples affected are: 7718200-1-BKS,7718200-1-BLK,7718200-1-BSD,682902-001 S,682902-001 SD,682752-145,682752-146,682752-153,682752-148,682752-147.
Surrogate o-Terphenyl recovered above QC limits Data confirmed by re-analysis. Samples affected are: 7718200-1-BKS,7718200-1-BSD,682902-001 S,682752-145.

Batch: LBA-3146489 TPH By SW8015 Mod

Surrogate o-Terphenyl recovered below QC limits. Matrix interferences is suspected; data confirmed by re-analysis.
Samples affected are: 682377-027 SD.
Surrogate 1-Chlorooctane recovered below QC limits Data confirmed by re-analysis. Samples affected are: 7718116-1-BKS,682377-027 SD.

Batch: LBA-3146640 TPH By SW8015 Mod

Surrogate 1-Chlorooctane recovered below QC limits. Matrix interferences is suspected; data confirmed by re-analysis.
Samples affected are: 682752-001 S,682752-016,682752-019.
Surrogate o-Terphenyl recovered below QC limits. Matrix interferences is suspected; data confirmed by re-analysis.
Samples affected are: 682752-019.

Lab Sample ID 682752-001 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD). Gasoline Range Hydrocarbons (GRO) Relative Percent Difference (RPD) between matrix spike and duplicate was above quality control limits.
Samples in the analytical batch are: 682752-001, -002, -003, -004, -005, -006, -011, -012, -013, -014, -015, -016, -017, -018, -019, -020, -021, -022, -023, -024

Diesel Range Organics (DRO) RPD was outside laboratory control limits.
Samples in the analytical batch are: 682752-001, -002, -003, -004, -005, -006, -011, -012, -013, -014, -015, -016, -017, -018, -019, -020, -021, -022, -023, -024

Outlier/s are due to possible matrix interference.

CASE NARRATIVE

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Client Name: Tetra Tech- Midland

Project Name: Falcon Remediation

Project ID: *212C-MD-02376*
Work Order Number(s): *682752*

Report Date: *01.12.2021*
Date Received: *12.29.2020*

Batch: LBA-3146642 TPH By SW8015 Mod
Lab Sample ID 682752-025 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD). Gasoline Range Hydrocarbons (GRO) recovered above QC limits in the Matrix Spike. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 682752-025, -026, -027, -028, -029, -030, -034, -035, -036, -040, -041, -042, -046, -047, -048, -050, -051, -052, -057.
The Laboratory Control Sample for Gasoline Range Hydrocarbons (GRO) is within laboratory Control Limits, therefore the data was accepted.

Gasoline Range Hydrocarbons (GRO) Relative Percent Difference (RPD) between matrix spike and duplicate was above quality control limits.
Samples in the analytical batch are: 682752-025, -026, -027, -028, -029, -030, -034, -035, -036, -040, -041, -042, -046, -047, -048, -050, -051, -052, -057

Surrogate 1-Chlorooctane recovered below QC limits. Matrix interferences is suspected; data confirmed by re-analysis.
Samples affected are: 682752-025,682752-050.
Surrogate o-Terphenyl recovered below QC limits Data confirmed by re-analysis. Samples affected are: 7718124-1-BSD,682752-040,682752-041.
Surrogate 1-Chlorooctane recovered above QC limits. Matrix interferences is suspected; data confirmed by re-analysis.
Samples affected are: 682752-040.
Surrogate o-Terphenyl recovered above QC limits Data confirmed by re-analysis. Samples affected are: 7718124-1-BKS.

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CASE NARRATIVE

Client Name: Tetra Tech- Midland

Project Name: Falcon Remediation

Project ID: *212C-MD-02376*
Work Order Number(s): *682752*

Report Date: *01.12.2021*
Date Received: *12.29.2020*

Batch: LBA-3146648 TPH By SW8015 Mod

Surrogate o-Terphenyl recovered below QC limits. Matrix interferences is suspected; data confirmed by re-analysis.
Samples affected are: 682752-094,682752-117.
Surrogate 1-Chlorooctane recovered above QC limits. Matrix interferences is suspected; data confirmed by re-analysis.
Samples affected are: 682752-089 S,682752-089 SD,682752-102,682752-101,682752-100,682752-089,682752-093,682752-109,682752-116,682752-094,682752-117.
Surrogate o-Terphenyl recovered above QC limits. Matrix interferences is suspected; data confirmed by re-analysis.
Samples affected are: 682752-089 S,682752-116,682752-110,682752-109,682752-102,682752-101,682752-100,682752-095,682752-092,682752-089.

Lab Sample ID 682752-089 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD). Diesel Range Organics (DRO) recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 682752-089, -092, -093, -094, -095, -096, -097, -099, -100, -101, -102, -109, -110, -111, -116, -117, -118.
The Laboratory Control Sample for Diesel Range Organics (DRO) is within laboratory Control Limits, therefore the data was accepted.

Batch: LBA-3146700 BTEX by EPA 8021B

Surrogate 4-Bromofluorobenzene recovered above QC limits. Matrix interferences is suspected.
Samples affected are: 682752-133.

Batch: LBA-3146734 TPH By SW8015 Mod

Surrogate 1-Chlorooctane recovered above QC limits Data confirmed by re-analysis. Samples affected are: 7718333-1-BKS.

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Certificate of Analytical Results 682752

Tetra Tech- Midland, Midland, TX

Falcon Remediation

Sample Id:	**Trench-1 (0-1')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-001	Date Collected:	12.15.2020 00:00	Sample Depth:	0 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	DVM	Date Prep:	12.29.2020 14:00	% Moisture:	
Seq Number:	3146640			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**53.9**	50.0	mg/kg	12.29.2020 23:12	F	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	12.29.2020 23:12	UF	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.29.2020 23:12	U	1
Total TPH	PHC635	**53.9**	50.0	mg/kg	12.29.2020 23:12		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	95	%	70-130	12.29.2020 23:12	
o-Terphenyl	84-15-1	102	%	70-130	12.29.2020 23:12	

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Tetra Tech- Midland, Midland, TX

Falcon Remediation

Sample Id:	**Trench-1 (1')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-002	Date Collected:	12.15.2020 00:00	Sample Depth:	1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	DVM	Date Prep:	12.29.2020 14:00	% Moisture:	
Seq Number:	3146640			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**58.1**	49.9	mg/kg	12.30.2020 00:11		1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	12.30.2020 00:11	UF	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	12.30.2020 00:11	U	1
Total TPH	PHC635	**58.1**	49.9	mg/kg	12.30.2020 00:11		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	72	%	70-130	12.30.2020 00:11	
o-Terphenyl	84-15-1	94	%	70-130	12.30.2020 00:11	

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Tetra Tech- Midland, Midland, TX

Falcon Remediation

Sample Id:	**Trench-1 (2')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-003	Date Collected:	12.15.2020 00:00	Sample Depth:	2 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	DVM	Date Prep:	12.29.2020 14:00	% Moisture:	
Seq Number:	3146640			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.30.2020 00:30	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	12.30.2020 00:30	UF	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.30.2020 00:30	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	12.30.2020 00:30	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	86	%	70-130	12.30.2020 00:30	
o-Terphenyl	84-15-1	89	%	70-130	12.30.2020 00:30	

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Falcon Remediation

Sample Id:	**Trench-1 (3')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-004	Date Collected:	12.15.2020 00:00	Sample Depth:	3 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	DVM	Date Prep:	12.29.2020 14:00	% Moisture:	
Seq Number:	3146640			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	12.30.2020 00:50	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	12.30.2020 00:50	UF	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	12.30.2020 00:50	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	12.30.2020 00:50	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	87	%	70-130	12.30.2020 00:50	
o-Terphenyl	84-15-1	95	%	70-130	12.30.2020 00:50	

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Falcon Remediation

Sample Id:	**Trench-1 (4')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-005	Date Collected:	12.15.2020 00:00	Sample Depth:	4 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	DVM	Date Prep:	12.29.2020 14:00	% Moisture:	
Seq Number:	3146640			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.30.2020 01:09	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	12.30.2020 01:09	UF	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.30.2020 01:09	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	12.30.2020 01:09	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	83	%	70-130	12.30.2020 01:09	
o-Terphenyl	84-15-1	90	%	70-130	12.30.2020 01:09	

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Falcon Remediation

Sample Id:	**Trench-2 (0-1')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-006	Date Collected:	12.15.2020 00:00	Sample Depth:	0 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	DVM	Date Prep:	12.29.2020 14:00	% Moisture:	
Seq Number:	3146640			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**50.7**	49.9	mg/kg	12.30.2020 01:28		1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	12.30.2020 01:28	UF	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	12.30.2020 01:28	U	1
Total TPH	PHC635	**50.7**	49.9	mg/kg	12.30.2020 01:28		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	84	%	70-130	12.30.2020 01:28	
o-Terphenyl	84-15-1	91	%	70-130	12.30.2020 01:28	

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Falcon Remediation

Sample Id:	**Trench-3 (0-1')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-011	Date Collected:	12.21.2020 00:00	Sample Depth:	0 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	DVM	Date Prep:	12.29.2020 14:00	% Moisture:	
Seq Number:	3146640			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	12.30.2020 01:48	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	12.30.2020 01:48	UF	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	12.30.2020 01:48	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	12.30.2020 01:48	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	73	%	70-130	12.30.2020 01:48	
o-Terphenyl	84-15-1	80	%	70-130	12.30.2020 01:48	

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Falcon Remediation

Sample Id:	**Trench-3 (1')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-012	Date Collected:	12.21.2020 00:00	Sample Depth:	1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	DVM	Date Prep:	12.29.2020 14:00	% Moisture:	
Seq Number:	3146640			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.30.2020 02:07	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	12.30.2020 02:07	UF	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.30.2020 02:07	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	12.30.2020 02:07	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	72	%	70-130	12.30.2020 02:07	
o-Terphenyl	84-15-1	86	%	70-130	12.30.2020 02:07	

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Falcon Remediation

Sample Id:	**Trench-3 (2')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-013	Date Collected:	12.21.2020 00:00	Sample Depth:	2 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	DVM	Date Prep:	12.29.2020 14:00	% Moisture:	
Seq Number:	3146640			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**55.9**	50.0	mg/kg	12.30.2020 02:27		1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	12.30.2020 02:27	UF	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.30.2020 02:27	U	1
Total TPH	PHC635	**55.9**	50.0	mg/kg	12.30.2020 02:27		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	88	%	70-130	12.30.2020 02:27	
o-Terphenyl	84-15-1	84	%	70-130	12.30.2020 02:27	

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Falcon Remediation

Sample Id:	**Trench-3 (3')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-014	Date Collected:	12.21.2020 00:00	Sample Depth:	3 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	DVM	Date Prep:	12.29.2020 14:00	% Moisture:	
Seq Number:	3146640			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**59.3**	49.9	mg/kg	12.30.2020 02:46		1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	12.30.2020 02:46	UF	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	12.30.2020 02:46	U	1
Total TPH	PHC635	**59.3**	49.9	mg/kg	12.30.2020 02:46		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	80	%	70-130	12.30.2020 02:46	
o-Terphenyl	84-15-1	94	%	70-130	12.30.2020 02:46	

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Falcon Remediation

Sample Id:	**Trench-3 (4')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-015	Date Collected:	12.21.2020 00:00	Sample Depth:	4 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	DVM	Date Prep:	12.29.2020 14:00	% Moisture:	
Seq Number:	3146640			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.30.2020 03:26	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	12.30.2020 03:26	UF	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.30.2020 03:26	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	12.30.2020 03:26	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	93	%	70-130	12.30.2020 03:26	
o-Terphenyl	84-15-1	85	%	70-130	12.30.2020 03:26	

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Tetra Tech- Midland, Midland, TX

Falcon Remediation

Sample Id:	**Trench-4 (0-1')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-016	Date Collected:	12.21.2020 00:00	Sample Depth:	0 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	DVM	Date Prep:	12.29.2020 14:00	% Moisture:	
Seq Number:	3146640			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	12.30.2020 03:45	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	12.30.2020 03:45	UF	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	12.30.2020 03:45	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	12.30.2020 03:45	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	62	%	70-130	12.30.2020 03:45	**
o-Terphenyl	84-15-1	88	%	70-130	12.30.2020 03:45	

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Tetra Tech- Midland, Midland, TX

Falcon Remediation

Sample Id:	**Trench-4 (1')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-017	Date Collected:	12.21.2020 00:00	Sample Depth:	1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	DVM	Date Prep:	12.29.2020 14:00	% Moisture:	
Seq Number:	3146640			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	12.30.2020 04:05	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	12.30.2020 04:05	UF	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	12.30.2020 04:05	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	12.30.2020 04:05	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	81	%	70-130	12.30.2020 04:05	
o-Terphenyl	84-15-1	83	%	70-130	12.30.2020 04:05	

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Tetra Tech- Midland, Midland, TX

Falcon Remediation

Sample Id:	**Trench-4 (2')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-018	Date Collected:	12.21.2020 00:00	Sample Depth:	2 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	DVM	Date Prep:	12.29.2020 14:00	% Moisture:	
Seq Number:	3146640			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**50.3**	49.8	mg/kg	12.30.2020 04:24		1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	12.30.2020 04:24	UF	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	12.30.2020 04:24	U	1
Total TPH	PHC635	**50.3**	49.8	mg/kg	12.30.2020 04:24		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	84	%	70-130	12.30.2020 04:24	
o-Terphenyl	84-15-1	90	%	70-130	12.30.2020 04:24	

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Falcon Remediation

Sample Id:	**Trench-4 (3')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-019	Date Collected:	12.21.2020 00:00	Sample Depth:	3 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	DVM	Date Prep:	12.29.2020 14:00	% Moisture:	
Seq Number:	3146640			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.30.2020 04:44	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	12.30.2020 04:44	UF	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.30.2020 04:44	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	12.30.2020 04:44	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	0	%	70-130	12.30.2020 04:44	**
o-Terphenyl	84-15-1	0	%	70-130	12.30.2020 04:44	**

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Tetra Tech- Midland, Midland, TX

Falcon Remediation

Sample Id:	**Trench-4 (4')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-020	Date Collected:	12.21.2020 00:00	Sample Depth:	4 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	DVM	Date Prep:	12.29.2020 14:00	% Moisture:	
Seq Number:	3146640			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.30.2020 05:03	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	12.30.2020 05:03	UF	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.30.2020 05:03	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	12.30.2020 05:03	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	84	%	70-130	12.30.2020 05:03	
o-Terphenyl	84-15-1	87	%	70-130	12.30.2020 05:03	

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Tetra Tech- Midland, Midland, TX

Falcon Remediation

Sample Id:	**Trench-5 (0-1')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-021	Date Collected:	12.21.2020 00:00	Sample Depth:	0 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	DVM	Date Prep:	12.29.2020 14:00	% Moisture:	
Seq Number:	3146640			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	12.30.2020 05:22	U	1
Diesel Range Organics (DRO)	C10C28DRO	**227**	49.9	mg/kg	12.30.2020 05:22	F	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**52.3**	49.9	mg/kg	12.30.2020 05:22		1
Total TPH	PHC635	**279**	49.9	mg/kg	12.30.2020 05:22		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	94	%	70-130	12.30.2020 05:22	
o-Terphenyl	84-15-1	100	%	70-130	12.30.2020 05:22	

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Falcon Remediation

Sample Id:	**Trench-5 (1')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-022	Date Collected:	12.21.2020 00:00	Sample Depth:	1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	DVM	Date Prep:	12.29.2020 14:00	% Moisture:	
Seq Number:	3146640			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	12.30.2020 05:41	U	1
Diesel Range Organics (DRO)	C10C28DRO	**370**	49.9	mg/kg	12.30.2020 05:41	F	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**101**	49.9	mg/kg	12.30.2020 05:41		1
Total TPH	PHC635	**471**	49.9	mg/kg	12.30.2020 05:41		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	97	%	70-130	12.30.2020 05:41	
o-Terphenyl	84-15-1	130	%	70-130	12.30.2020 05:41	

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Falcon Remediation

Sample Id:	**Trench-5 (2')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-023	Date Collected:	12.21.2020 00:00	Sample Depth:	2 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	DVM	Date Prep:	12.29.2020 14:00	% Moisture:	
Seq Number:	3146640			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**58.2**	50.0	mg/kg	12.30.2020 06:00		1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	12.30.2020 06:00	UF	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.30.2020 06:00	U	1
Total TPH	PHC635	**58.2**	50.0	mg/kg	12.30.2020 06:00		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	98	%	70-130	12.30.2020 06:00	
o-Terphenyl	84-15-1	103	%	70-130	12.30.2020 06:00	

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Falcon Remediation

Sample Id:	**Trench-5(3')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-024	Date Collected:	12.21.2020 00:00	Sample Depth:	3 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	DVM	Date Prep:	12.29.2020 14:00	% Moisture:	
Seq Number:	3146640			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.30.2020 06:19	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	12.30.2020 06:19	UF	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.30.2020 06:19	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	12.30.2020 06:19	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	98	%	70-130	12.30.2020 06:19	
o-Terphenyl	84-15-1	105	%	70-130	12.30.2020 06:19	

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Falcon Remediation

Sample Id:	**Trench-5 (4')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-025	Date Collected:	12.21.2020 00:00	Sample Depth:	4 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	DVM	Date Prep:	12.29.2020 16:00	% Moisture:	
Seq Number:	3146642			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.30.2020 07:56	UFX	1
Diesel Range Organics (DRO)	C10C28DRO	**50.0**	50.0	mg/kg	12.30.2020 07:56		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.30.2020 07:56	U	1
Total TPH	PHC635	**50.0**	50.0	mg/kg	12.30.2020 07:56		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	54	%	70-130	12.30.2020 07:56	**
o-Terphenyl	84-15-1	100	%	70-130	12.30.2020 07:56	

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Falcon Remediation

Sample Id:	**Trench-6 (0-1')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-026	Date Collected:	12.21.2020 00:00	Sample Depth:	0 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	DVM	Date Prep:	12.29.2020 16:00	% Moisture:	
Seq Number:	3146642			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.30.2020 08:54	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	12.30.2020 08:54	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.30.2020 08:54	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	12.30.2020 08:54	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	92	%	70-130	12.30.2020 08:54	
o-Terphenyl	84-15-1	95	%	70-130	12.30.2020 08:54	

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Falcon Remediation

Sample Id:	**Trench-6 (1')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-027	Date Collected:	12.21.2020 00:00	Sample Depth:	1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	DVM	Date Prep:	12.29.2020 16:00	% Moisture:	
Seq Number:	3146642			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	12.30.2020 09:14	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	12.30.2020 09:14	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	12.30.2020 09:14	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	12.30.2020 09:14	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	91	%	70-130	12.30.2020 09:14	
o-Terphenyl	84-15-1	89	%	70-130	12.30.2020 09:14	

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Falcon Remediation

Sample Id:	**Trench-6 (2')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-028	Date Collected:	12.21.2020 00:00	Sample Depth:	2 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	DVM	Date Prep:	12.29.2020 16:00	% Moisture:	
Seq Number:	3146642			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.30.2020 09:33	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	12.30.2020 09:33	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.30.2020 09:33	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	12.30.2020 09:33	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	93	%	70-130	12.30.2020 09:33	
o-Terphenyl	84-15-1	98	%	70-130	12.30.2020 09:33	

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Falcon Remediation

Sample Id:	**Trench-6 (3')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-029	Date Collected:	12.21.2020 00:00	Sample Depth:	3 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	DVM	Date Prep:	12.29.2020 16:00	% Moisture:	
Seq Number:	3146642			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.30.2020 09:52	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	12.30.2020 09:52	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.30.2020 09:52	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	12.30.2020 09:52	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	105	%	70-130	12.30.2020 09:52	
o-Terphenyl	84-15-1	101	%	70-130	12.30.2020 09:52	

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Falcon Remediation

Sample Id:	**Trench-6 (4')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-030	Date Collected:	12.21.2020 00:00	Sample Depth:	4 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	DVM	Date Prep:	12.29.2020 16:00	% Moisture:	
Seq Number:	3146642			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**63.9**	50.0	mg/kg	12.30.2020 10:12		1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	12.30.2020 10:12	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.30.2020 10:12	U	1
Total TPH	PHC635	**63.9**	50.0	mg/kg	12.30.2020 10:12		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	77	%	70-130	12.30.2020 10:12	
o-Terphenyl	84-15-1	100	%	70-130	12.30.2020 10:12	

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Falcon Remediation

Sample Id:	**Trench-7 (3')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-034	Date Collected:	12.21.2020 00:00	Sample Depth:	3 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	DVM	Date Prep:	12.29.2020 16:00	% Moisture:	
Seq Number:	3146642			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**65.1**	50.0	mg/kg	12.30.2020 10:31		1
Diesel Range Organics (DRO)	C10C28DRO	**548**	50.0	mg/kg	12.30.2020 10:31		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**71.1**	50.0	mg/kg	12.30.2020 10:31		1
Total TPH	PHC635	**684**	50.0	mg/kg	12.30.2020 10:31		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	112	%	70-130	12.30.2020 10:31	
o-Terphenyl	84-15-1	107	%	70-130	12.30.2020 10:31	

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Falcon Remediation

Sample Id:	**Trench-7 (4')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-035	Date Collected:	12.21.2020 00:00	Sample Depth:	4 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	DVM	Date Prep:	12.29.2020 16:00	% Moisture:	
Seq Number:	3146642			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	12.30.2020 10:51	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	12.30.2020 10:51	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	12.30.2020 10:51	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	12.30.2020 10:51	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	98	%	70-130	12.30.2020 10:51	
o-Terphenyl	84-15-1	88	%	70-130	12.30.2020 10:51	

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Falcon Remediation

Sample Id:	**Trench-7 (5')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-036	Date Collected:	12.21.2020 00:00	Sample Depth:	5 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	DVM	Date Prep:	12.29.2020 16:00	% Moisture:	
Seq Number:	3146642			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	12.30.2020 11:11	U	1
Diesel Range Organics (DRO)	C10C28DRO	**53.3**	49.9	mg/kg	12.30.2020 11:11		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	12.30.2020 11:11	U	1
Total TPH	PHC635	**53.3**	49.9	mg/kg	12.30.2020 11:11		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	91	%	70-130	12.30.2020 11:11	
o-Terphenyl	84-15-1	70	%	70-130	12.30.2020 11:11	

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Falcon Remediation

Sample Id:	**Trench-8 (3')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-040	Date Collected:	12.21.2020 00:00	Sample Depth:	3 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	DVM	Date Prep:	12.29.2020 16:00	% Moisture:	
Seq Number:	3146642			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**274**	50.0	mg/kg	12.30.2020 11:30		1
Diesel Range Organics (DRO)	C10C28DRO	**3540**	50.0	mg/kg	12.30.2020 11:30		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**389**	50.0	mg/kg	12.30.2020 11:30		1
Total TPH	PHC635	**4200**	50.0	mg/kg	12.30.2020 11:30		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	212	%	70-130	12.30.2020 11:30	**
o-Terphenyl	84-15-1	52	%	70-130	12.30.2020 11:30	**

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Falcon Remediation

Sample Id:	**Trench-8 (4')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-041	Date Collected:	12.21.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	DVM	Date Prep:	12.29.2020 16:00	% Moisture:	
Seq Number:	3146642			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.30.2020 16:14	U	1
Diesel Range Organics (DRO)	C10C28DRO	**374**	50.0	mg/kg	12.30.2020 16:14		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**50.6**	50.0	mg/kg	12.30.2020 16:14		1
Total TPH	PHC635	**425**	50.0	mg/kg	12.30.2020 16:14		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	95	%	70-130	12.30.2020 16:14	
o-Terphenyl	84-15-1	8	%	70-130	12.30.2020 16:14	**

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Falcon Remediation

Sample Id:	**Trench-8 (5')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-042	Date Collected:	12.21.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	DVM	Date Prep:	12.29.2020 16:00	% Moisture:	
Seq Number:	3146642			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	12.30.2020 16:33	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	12.30.2020 16:33	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	12.30.2020 16:33	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	12.30.2020 16:33	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	75	%	70-130	12.30.2020 16:33	
o-Terphenyl	84-15-1	81	%	70-130	12.30.2020 16:33	

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Falcon Remediation

Sample Id: **Trench-9 (3')** Matrix: Soil Date Received:12.29.2020 08:54

Lab Sample Id: 682752-046 Date Collected: 12.21.2020 00:00 Sample Depth: 1 - 1 ft

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM

Analyst: DVM Date Prep: 12.29.2020 16:00 % Moisture:

Seq Number: 3146642 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**90.5**	50.0	mg/kg	12.30.2020 17:31		1
Diesel Range Organics (DRO)	C10C28DRO	**571**	50.0	mg/kg	12.30.2020 17:31		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**90.3**	50.0	mg/kg	12.30.2020 17:31		1
Total TPH	PHC635	**752**	50.0	mg/kg	12.30.2020 17:31		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	98	%	70-130	12.30.2020 17:31	
o-Terphenyl	84-15-1	108	%	70-130	12.30.2020 17:31	

Analytical Method: BTEX by EPA 8021B Prep Method: SW5035A

Tech: KTL

Analyst: KTL Date Prep: 12.30.2020 10:00 % Moisture:

Seq Number: 3146468 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	12.30.2020 12:55	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	12.30.2020 12:55	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	12.30.2020 12:55	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	12.30.2020 12:55	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	12.30.2020 12:55	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	12.30.2020 12:55	U	1
Total BTEX		<0.00200	0.00200	mg/kg	12.30.2020 12:55	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	126	%	70-130	12.30.2020 12:55	
1,4-Difluorobenzene	540-36-3	84	%	70-130	12.30.2020 12:55	

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Falcon Remediation

Sample Id: **Trench-9 (4')** Matrix: Soil Date Received:12.29.2020 08:54

Lab Sample Id: 682752-047 Date Collected: 12.21.2020 00:00 Sample Depth: 1 - 1 ft

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM

Analyst: DVM Date Prep: 12.29.2020 16:00 % Moisture:

Seq Number: 3146642 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	12.30.2020 17:50	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	12.30.2020 17:50	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	12.30.2020 17:50	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	12.30.2020 17:50	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	80	%	70-130	12.30.2020 17:50	
o-Terphenyl	84-15-1	85	%	70-130	12.30.2020 17:50	

Analytical Method: BTEX by EPA 8021B Prep Method: SW5035A

Tech: KTL

Analyst: KTL Date Prep: 12.30.2020 10:00 % Moisture:

Seq Number: 3146468 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	12.30.2020 13:21	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	12.30.2020 13:21	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	12.30.2020 13:21	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	12.30.2020 13:21	U	1
o-Xylene	95-47-6	**0.0272**	0.00200	mg/kg	12.30.2020 13:21		1
Total Xylenes	1330-20-7	**0.0272**	0.00200	mg/kg	12.30.2020 13:21		1
Total BTEX		**0.0272**	0.00200	mg/kg	12.30.2020 13:21		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	129	%	70-130	12.30.2020 13:21	
1,4-Difluorobenzene	540-36-3	104	%	70-130	12.30.2020 13:21	

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Certificate of Analytical Results 682752

Tetra Tech- Midland, Midland, TX

Falcon Remediation

Sample Id: **Trench-9 (5')** Matrix: Soil Date Received:12.29.2020 08:54

Lab Sample Id: 682752-048 Date Collected: 12.21.2020 00:00 Sample Depth: 1 - 1 ft

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM

Analyst: DVM Date Prep: 12.29.2020 16:00 % Moisture:

Seq Number: 3146642 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.30.2020 18:10	U	1
Diesel Range Organics (DRO)	C10C28DRO	**88.5**	50.0	mg/kg	12.30.2020 18:10		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.30.2020 18:10	U	1
Total TPH	PHC635	**88.5**	50.0	mg/kg	12.30.2020 18:10		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	78	%	70-130	12.30.2020 18:10	
o-Terphenyl	84-15-1	86	%	70-130	12.30.2020 18:10	

Analytical Method: BTEX by EPA 8021B Prep Method: SW5035A

Tech: KTL

Analyst: KTL Date Prep: 12.30.2020 10:00 % Moisture:

Seq Number: 3146468 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	12.30.2020 13:47	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	12.30.2020 13:47	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	12.30.2020 13:47	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	12.30.2020 13:47	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	12.30.2020 13:47	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	12.30.2020 13:47	U	1
Total BTEX		<0.00200	0.00200	mg/kg	12.30.2020 13:47	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	117	%	70-130	12.30.2020 13:47	
1,4-Difluorobenzene	540-36-3	106	%	70-130	12.30.2020 13:47	

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Tetra Tech- Midland, Midland, TX

Falcon Remediation

Sample Id: **Trench-10 (1')** Matrix: Soil Date Received:12.29.2020 08:54

Lab Sample Id: 682752-050 Date Collected: 12.21.2020 00:00 Sample Depth: 1 - 1 ft

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM

Analyst: DVM Date Prep: 12.29.2020 16:00 % Moisture:

Seq Number: 3146642 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**123**	49.9	mg/kg	12.30.2020 18:29		1
Diesel Range Organics (DRO)	C10C28DRO	**5120**	49.9	mg/kg	12.30.2020 18:29		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**489**	49.9	mg/kg	12.30.2020 18:29		1
Total TPH	PHC635	**5730**	49.9	mg/kg	12.30.2020 18:29		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	46	%	70-130	12.30.2020 18:29	**
o-Terphenyl	84-15-1	109	%	70-130	12.30.2020 18:29	

Analytical Method: BTEX by EPA 8021B Prep Method: SW5035A

Tech: KTL

Analyst: KTL Date Prep: 12.30.2020 10:00 % Moisture:

Seq Number: 3146468 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	12.30.2020 14:13	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	12.30.2020 14:13	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	12.30.2020 14:13	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	12.30.2020 14:13	U	1
o-Xylene	95-47-6	**0.00246**	0.00199	mg/kg	12.30.2020 14:13		1
Total Xylenes	1330-20-7	**0.00246**	0.00199	mg/kg	12.30.2020 14:13		1
Total BTEX		**0.00246**	0.00199	mg/kg	12.30.2020 14:13		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	122	%	70-130	12.30.2020 14:13	
1,4-Difluorobenzene	540-36-3	75	%	70-130	12.30.2020 14:13	

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Falcon Remediation

Sample Id: **Trench-10 (2')** Matrix: Soil Date Received:12.29.2020 08:54

Lab Sample Id: 682752-051 Date Collected: 12.21.2020 00:00 Sample Depth: 1 - 1 ft

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM

Analyst: DVM Date Prep: 12.29.2020 16:00 % Moisture:

Seq Number: 3146642 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.30.2020 18:49	U	1
Diesel Range Organics (DRO)	C10C28DRO	**66.2**	50.0	mg/kg	12.30.2020 18:49		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.30.2020 18:49	U	1
Total TPH	PHC635	**66.2**	50.0	mg/kg	12.30.2020 18:49		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	77	%	70-130	12.30.2020 18:49	
o-Terphenyl	84-15-1	84	%	70-130	12.30.2020 18:49	

Analytical Method: BTEX by EPA 8021B Prep Method: SW5035A

Tech: KTL

Analyst: KTL Date Prep: 12.30.2020 10:00 % Moisture:

Seq Number: 3146468 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	12.30.2020 14:39	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	12.30.2020 14:39	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	12.30.2020 14:39	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	12.30.2020 14:39	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	12.30.2020 14:39	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	12.30.2020 14:39	U	1
Total BTEX		<0.00200	0.00200	mg/kg	12.30.2020 14:39	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	128	%	70-130	12.30.2020 14:39	
1,4-Difluorobenzene	540-36-3	101	%	70-130	12.30.2020 14:39	

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Falcon Remediation

Sample Id: **Trench-10 (3')** Matrix: Soil Date Received:12.29.2020 08:54

Lab Sample Id: 682752-052 Date Collected: 12.21.2020 00:00 Sample Depth: 1 - 1 ft

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM

Analyst: DVM Date Prep: 12.29.2020 16:00 % Moisture:

Seq Number: 3146642 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.30.2020 19:08	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	12.30.2020 19:08	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.30.2020 19:08	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	12.30.2020 19:08	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	76	%	70-130	12.30.2020 19:08	
o-Terphenyl	84-15-1	81	%	70-130	12.30.2020 19:08	

Analytical Method: BTEX by EPA 8021B Prep Method: SW5035A

Tech: KTL

Analyst: KTL Date Prep: 12.30.2020 10:00 % Moisture:

Seq Number: 3146468 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	12.30.2020 15:06	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	12.30.2020 15:06	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	12.30.2020 15:06	U	1
m,p-Xylenes	179601-23-1	<0.00396	0.00396	mg/kg	12.30.2020 15:06	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	12.30.2020 15:06	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	12.30.2020 15:06	U	1
Total BTEX		<0.00198	0.00198	mg/kg	12.30.2020 15:06	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	104	%	70-130	12.30.2020 15:06	
4-Bromofluorobenzene	460-00-4	119	%	70-130	12.30.2020 15:06	

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Falcon Remediation

Sample Id:	**Trench-11 (2')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-056	Date Collected:	12.21.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	MNR				
Analyst:	ARM	Date Prep:	01.08.2021 16:00	% Moisture:	
Seq Number:	3147379			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**72.7**	49.9	mg/kg	01.09.2021 08:21	K	1
Diesel Range Organics (DRO)	C10C28DRO	**2850**	49.9	mg/kg	01.09.2021 08:21	K	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**260**	49.9	mg/kg	01.09.2021 08:21	K	1
Total TPH	PHC635	**3180**	49.9	mg/kg	01.09.2021 08:21	K	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	105	%	70-130	01.09.2021 08:21	
o-Terphenyl	84-15-1	117	%	70-130	01.09.2021 08:21	

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Falcon Remediation

Sample Id:	**Trench-11 (3')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-057	Date Collected:	12.21.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	DVM	Date Prep:	12.29.2020 16:00	% Moisture:	
Seq Number:	3146642			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	12.30.2020 19:27	U	1
Diesel Range Organics (DRO)	C10C28DRO	**130**	49.9	mg/kg	12.30.2020 19:27		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	12.30.2020 19:27	U	1
Total TPH	PHC635	**130**	49.9	mg/kg	12.30.2020 19:27		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	89	%	70-130	12.30.2020 19:27	
o-Terphenyl	84-15-1	97	%	70-130	12.30.2020 19:27	

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Falcon Remediation

Sample Id:	**Trench-11 (4')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-058	Date Collected:	12.21.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	12.29.2020 16:00	% Moisture:	
Seq Number:	3146436			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.29.2020 23:56	UXF	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	12.29.2020 23:56	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.29.2020 23:56	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	12.29.2020 23:56	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	102	%	70-130	12.29.2020 23:56	
o-Terphenyl	84-15-1	99	%	70-130	12.29.2020 23:56	

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Falcon Remediation

Sample Id:	**Trench-12 (4')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-063	Date Collected:	12.21.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	12.29.2020 16:00	% Moisture:	
Seq Number:	3146436			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	12.30.2020 01:03	U	1
Diesel Range Organics (DRO)	C10C28DRO	**130**	49.9	mg/kg	12.30.2020 01:03		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	12.30.2020 01:03	U	1
Total TPH	PHC635	**130**	49.9	mg/kg	12.30.2020 01:03		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	103	%	70-130	12.30.2020 01:03	
o-Terphenyl	84-15-1	102	%	70-130	12.30.2020 01:03	

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Falcon Remediation

Sample Id:	**Trench-12 (5')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-064	Date Collected:	12.21.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	12.29.2020 16:00	% Moisture:	
Seq Number:	3146436			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	12.30.2020 01:25	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	12.30.2020 01:25	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	12.30.2020 01:25	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	12.30.2020 01:25	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	100	%	70-130	12.30.2020 01:25	
o-Terphenyl	84-15-1	96	%	70-130	12.30.2020 01:25	

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Falcon Remediation

Sample Id:	**Trench-12 (6')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-065	Date Collected:	12.21.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	12.29.2020 16:00	% Moisture:	
Seq Number:	3146436			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.30.2020 01:48	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	12.30.2020 01:48	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.30.2020 01:48	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	12.30.2020 01:48	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	102	%	70-130	12.30.2020 01:48	
o-Terphenyl	84-15-1	98	%	70-130	12.30.2020 01:48	

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Falcon Remediation

Sample Id:	**Trench-13 (4')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-070	Date Collected:	12.21.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	12.29.2020 16:00	% Moisture:	
Seq Number:	3146436			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**1820**	49.9	mg/kg	12.30.2020 02:10		1
Diesel Range Organics (DRO)	C10C28DRO	**5320**	49.9	mg/kg	12.30.2020 02:10		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**367**	49.9	mg/kg	12.30.2020 02:10		1
Total TPH	PHC635	**7510**	49.9	mg/kg	12.30.2020 02:10		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	234	%	70-130	12.30.2020 02:10	**
o-Terphenyl	84-15-1	212	%	70-130	12.30.2020 02:10	**

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Falcon Remediation

Sample Id:	**Trench-13 (5')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-071	Date Collected:	12.21.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	12.29.2020 16:00	% Moisture:	
Seq Number:	3146436			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**973**	50.0	mg/kg	12.30.2020 02:33		1
Diesel Range Organics (DRO)	C10C28DRO	**3540**	50.0	mg/kg	12.30.2020 02:33		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**254**	50.0	mg/kg	12.30.2020 02:33		1
Total TPH	PHC635	**4770**	50.0	mg/kg	12.30.2020 02:33		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	169	%	70-130	12.30.2020 02:33	**
o-Terphenyl	84-15-1	168	%	70-130	12.30.2020 02:33	**

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Falcon Remediation

Sample Id:	**Trench-13 (6')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-072	Date Collected:	12.21.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	12.29.2020 16:00	% Moisture:	
Seq Number:	3146436			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**288**	49.9	mg/kg	12.30.2020 02:55		1
Diesel Range Organics (DRO)	C10C28DRO	**2020**	49.9	mg/kg	12.30.2020 02:55		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**157**	49.9	mg/kg	12.30.2020 02:55		1
Total TPH	PHC635	**2470**	49.9	mg/kg	12.30.2020 02:55		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	131	%	70-130	12.30.2020 02:55	**
o-Terphenyl	84-15-1	125	%	70-130	12.30.2020 02:55	

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Falcon Remediation

Sample Id:	**Trench-13 (7')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-073	Date Collected:	12.21.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	12.29.2020 16:00	% Moisture:	
Seq Number:	3146436			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	12.30.2020 03:18	U	1
Diesel Range Organics (DRO)	C10C28DRO	**174**	49.9	mg/kg	12.30.2020 03:18		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	12.30.2020 03:18	U	1
Total TPH	PHC635	**174**	49.9	mg/kg	12.30.2020 03:18		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	99	%	70-130	12.30.2020 03:18	
o-Terphenyl	84-15-1	102	%	70-130	12.30.2020 03:18	

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Tetra Tech- Midland, Midland, TX

Falcon Remediation

Sample Id:	**Trench-13 (8')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-074	Date Collected:	12.21.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	12.29.2020 16:00	% Moisture:	
Seq Number:	3146436			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.30.2020 03:40	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	12.30.2020 03:40	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.30.2020 03:40	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	12.30.2020 03:40	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	100	%	70-130	12.30.2020 03:40	
o-Terphenyl	84-15-1	101	%	70-130	12.30.2020 03:40	

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Tetra Tech- Midland, Midland, TX

Falcon Remediation

Sample Id: **Trench-14 (0-1')** Matrix: Soil Date Received:12.29.2020 08:54

Lab Sample Id: 682752-075 Date Collected: 12.21.2020 00:00 Sample Depth: 1 - 1 ft

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM

Analyst: ARM Date Prep: 12.29.2020 16:00 % Moisture:

Seq Number: 3146436 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**1400**	49.9	mg/kg	12.30.2020 04:03		1
Diesel Range Organics (DRO)	C10C28DRO	**14300**	49.9	mg/kg	12.30.2020 04:03	E	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**1070**	49.9	mg/kg	12.30.2020 04:03		1
Total TPH	PHC635	**16800**	49.9	mg/kg	12.30.2020 04:03		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	253	%	70-130	12.30.2020 04:03	**
o-Terphenyl	84-15-1	371	%	70-130	12.30.2020 04:03	**

Analytical Method: BTEX by EPA 8021B Prep Method: SW5035A

Tech: KTL

Analyst: KTL Date Prep: 12.30.2020 10:00 % Moisture:

Seq Number: 3146468 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	12.30.2020 15:32	U	1
Toluene	108-88-3	**0.0702**	0.00199	mg/kg	12.30.2020 15:32		1
Ethylbenzene	100-41-4	**0.0337**	0.00199	mg/kg	12.30.2020 15:32		1
m,p-Xylenes	179601-23-1	**0.242**	0.00398	mg/kg	12.30.2020 15:32		1
o-Xylene	95-47-6	**0.139**	0.00199	mg/kg	12.30.2020 15:32		1
Total Xylenes	1330-20-7	**0.381**	0.00199	mg/kg	12.30.2020 15:32		1
Total BTEX		**0.485**	0.00199	mg/kg	12.30.2020 15:32		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	154	%	70-130	12.30.2020 15:32	**
1,4-Difluorobenzene	540-36-3	79	%	70-130	12.30.2020 15:32	

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Falcon Remediation

Sample Id:	**Trench-14 (1')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-076	Date Collected:	12.21.2020 00:00	Sample Depth:	1 - 1 ft

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	12.29.2020 16:00	% Moisture:	
Seq Number:	3146436			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**618**	50.0	mg/kg	12.30.2020 04:48		1
Diesel Range Organics (DRO)	C10C28DRO	**5000**	50.0	mg/kg	12.30.2020 04:48		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**342**	50.0	mg/kg	12.30.2020 04:48		1
Total TPH	PHC635	**5960**	50.0	mg/kg	12.30.2020 04:48		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	188	%	70-130	12.30.2020 04:48	**
o-Terphenyl	84-15-1	185	%	70-130	12.30.2020 04:48	**

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL				
Analyst:	KTL	Date Prep:	12.30.2020 10:00	% Moisture:	
Seq Number:	3146468			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	**0.00263**	0.00198	mg/kg	12.30.2020 15:58		1
Toluene	108-88-3	**0.0464**	0.00198	mg/kg	12.30.2020 15:58		1
Ethylbenzene	100-41-4	**0.0494**	0.00198	mg/kg	12.30.2020 15:58		1
m,p-Xylenes	179601-23-1	**0.513**	0.00397	mg/kg	12.30.2020 15:58		1
o-Xylene	95-47-6	**0.344**	0.00198	mg/kg	12.30.2020 15:58		1
Total Xylenes	1330-20-7	**0.857**	0.00198	mg/kg	12.30.2020 15:58		1
Total BTEX		**0.955**	0.00198	mg/kg	12.30.2020 15:58		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	493	%	70-130	12.30.2020 15:58	**
1,4-Difluorobenzene	540-36-3	94	%	70-130	12.30.2020 15:58	

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Tetra Tech- Midland, Midland, TX

Falcon Remediation

Sample Id:	**Trench-14 (2')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-077	Date Collected:	12.21.2020 00:00	Sample Depth:	1 - 1 ft

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	12.29.2020 16:00	% Moisture:	
Seq Number:	3146436			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**747**	49.9	mg/kg	12.30.2020 05:10		1
Diesel Range Organics (DRO)	C10C28DRO	**4340**	49.9	mg/kg	12.30.2020 05:10		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**313**	49.9	mg/kg	12.30.2020 05:10		1
Total TPH	PHC635	**5400**	49.9	mg/kg	12.30.2020 05:10		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	211	%	70-130	12.30.2020 05:10	**
o-Terphenyl	84-15-1	255	%	70-130	12.30.2020 05:10	**

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL				
Analyst:	KTL	Date Prep:	12.30.2020 10:00	% Moisture:	
Seq Number:	3146468			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	**0.00524**	0.00198	mg/kg	12.30.2020 16:24		1
Toluene	108-88-3	**0.0579**	0.00198	mg/kg	12.30.2020 16:24		1
Ethylbenzene	100-41-4	**0.0574**	0.00198	mg/kg	12.30.2020 16:24		1
m,p-Xylenes	179601-23-1	**0.618**	0.00396	mg/kg	12.30.2020 16:24		1
o-Xylene	95-47-6	**0.348**	0.00198	mg/kg	12.30.2020 16:24		1
Total Xylenes	1330-20-7	**0.966**	0.00198	mg/kg	12.30.2020 16:24		1
Total BTEX		**1.09**	0.00198	mg/kg	12.30.2020 16:24		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	623	%	70-130	12.30.2020 16:24	**
1,4-Difluorobenzene	540-36-3	105	%	70-130	12.30.2020 16:24	

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Falcon Remediation

Sample Id: **Trench-14 (3')** Matrix: Soil Date Received:12.29.2020 08:54

Lab Sample Id: 682752-078 Date Collected: 12.21.2020 00:00 Sample Depth: 1 - 1 ft

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM

Analyst: ARM Date Prep: 12.29.2020 16:00 % Moisture:

Seq Number: 3146436 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**292**	49.9	mg/kg	12.30.2020 05:32		1
Diesel Range Organics (DRO)	C10C28DRO	**2530**	49.9	mg/kg	12.30.2020 05:32		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**205**	49.9	mg/kg	12.30.2020 05:32		1
Total TPH	PHC635	**3030**	49.9	mg/kg	12.30.2020 05:32		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	142	%	70-130	12.30.2020 05:32	**
o-Terphenyl	84-15-1	174	%	70-130	12.30.2020 05:32	**

Analytical Method: BTEX by EPA 8021B Prep Method: SW5035A

Tech: KTL

Analyst: KTL Date Prep: 12.30.2020 10:00 % Moisture:

Seq Number: 3146468 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	12.30.2020 16:51	U	1
Toluene	108-88-3	**0.0246**	0.00201	mg/kg	12.30.2020 16:51		1
Ethylbenzene	100-41-4	**0.0408**	0.00201	mg/kg	12.30.2020 16:51		1
m,p-Xylenes	179601-23-1	**0.284**	0.00402	mg/kg	12.30.2020 16:51		1
o-Xylene	95-47-6	**0.259**	0.00201	mg/kg	12.30.2020 16:51		1
Total Xylenes	1330-20-7	**0.543**	0.00201	mg/kg	12.30.2020 16:51		1
Total BTEX		**0.608**	0.00201	mg/kg	12.30.2020 16:51		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	162	%	70-130	12.30.2020 16:51	**
4-Bromofluorobenzene	460-00-4	306	%	70-130	12.30.2020 16:51	**

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Tetra Tech- Midland, Midland, TX

Falcon Remediation

Sample Id: **Trench-14 (4')** Matrix: Soil Date Received:12.29.2020 08:54

Lab Sample Id: 682752-079 Date Collected: 12.21.2020 00:00 Sample Depth: 1 - 1 ft

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM

Analyst: ARM Date Prep: 12.29.2020 16:00 % Moisture:

Seq Number: 3146436 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.30.2020 05:53	U	1
Diesel Range Organics (DRO)	C10C28DRO	**50.4**	50.0	mg/kg	12.30.2020 05:53		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**67.3**	50.0	mg/kg	12.30.2020 05:53		1
Total TPH	PHC635	**118**	50.0	mg/kg	12.30.2020 05:53		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	99	%	70-130	12.30.2020 05:53	
o-Terphenyl	84-15-1	98	%	70-130	12.30.2020 05:53	

Analytical Method: BTEX by EPA 8021B Prep Method: SW5035A

Tech: KTL

Analyst: KTL Date Prep: 12.30.2020 10:00 % Moisture:

Seq Number: 3146468 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	12.30.2020 18:35	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	12.30.2020 18:35	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	12.30.2020 18:35	U	1
m,p-Xylenes	179601-23-1	<0.00404	0.00404	mg/kg	12.30.2020 18:35	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	12.30.2020 18:35	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	12.30.2020 18:35	U	1
Total BTEX		<0.00202	0.00202	mg/kg	12.30.2020 18:35	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	94	%	70-130	12.30.2020 18:35	
4-Bromofluorobenzene	460-00-4	117	%	70-130	12.30.2020 18:35	

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Tetra Tech- Midland, Midland, TX

Falcon Remediation

Sample Id: **Trench-14 (5')** Matrix: Soil Date Received:12.29.2020 08:54

Lab Sample Id: 682752-080 Date Collected: 12.21.2020 00:00 Sample Depth: 1 - 1 ft

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM

Analyst: ARM Date Prep: 12.29.2020 16:00 % Moisture:

Seq Number: 3146436 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.30.2020 06:15	U	1
Diesel Range Organics (DRO)	C10C28DRO	**261**	50.0	mg/kg	12.30.2020 06:15		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.30.2020 06:15	U	1
Total TPH	PHC635	**261**	50.0	mg/kg	12.30.2020 06:15		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	105	%	70-130	12.30.2020 06:15	
o-Terphenyl	84-15-1	103	%	70-130	12.30.2020 06:15	

Analytical Method: BTEX by EPA 8021B Prep Method: SW5035A

Tech: KTL

Analyst: KTL Date Prep: 12.30.2020 10:00 % Moisture:

Seq Number: 3146468 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	12.30.2020 19:01	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	12.30.2020 19:01	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	12.30.2020 19:01	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	12.30.2020 19:01	U	1
o-Xylene	95-47-6	**0.00290**	0.00200	mg/kg	12.30.2020 19:01		1
Total Xylenes	1330-20-7	**0.00290**	0.00200	mg/kg	12.30.2020 19:01		1
Total BTEX		**0.00290**	0.00200	mg/kg	12.30.2020 19:01		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	108	%	70-130	12.30.2020 19:01	
1,4-Difluorobenzene	540-36-3	86	%	70-130	12.30.2020 19:01	

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Tetra Tech- Midland, Midland, TX

Falcon Remediation

Sample Id:	**Trench-15 (3')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-084	Date Collected:	12.21.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	12.29.2020 16:00	% Moisture:	
Seq Number:	3146436			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**705**	49.9	mg/kg	12.30.2020 06:37		1
Diesel Range Organics (DRO)	C10C28DRO	**3520**	49.9	mg/kg	12.30.2020 06:37		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**250**	49.9	mg/kg	12.30.2020 06:37		1
Total TPH	PHC635	**4480**	49.9	mg/kg	12.30.2020 06:37		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	172	%	70-130	12.30.2020 06:37	**
o-Terphenyl	84-15-1	175	%	70-130	12.30.2020 06:37	**

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Tetra Tech- Midland, Midland, TX

Falcon Remediation

Sample Id:	**Trench-15 (4')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-085	Date Collected:	12.21.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	12.29.2020 16:00	% Moisture:	
Seq Number:	3146436			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**589**	50.0	mg/kg	12.30.2020 06:59		1
Diesel Range Organics (DRO)	C10C28DRO	**3590**	50.0	mg/kg	12.30.2020 06:59		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**251**	50.0	mg/kg	12.30.2020 06:59		1
Total TPH	PHC635	**4430**	50.0	mg/kg	12.30.2020 06:59		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	159	%	70-130	12.30.2020 06:59	**
o-Terphenyl	84-15-1	166	%	70-130	12.30.2020 06:59	**

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Tetra Tech- Midland, Midland, TX

Falcon Remediation

Sample Id:	**Trench-15 (5')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-086	Date Collected:	12.21.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	12.29.2020 16:00	% Moisture:	
Seq Number:	3146436			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	12.30.2020 07:21	U	1
Diesel Range Organics (DRO)	C10C28DRO	**120**	49.9	mg/kg	12.30.2020 07:21		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**60.3**	49.9	mg/kg	12.30.2020 07:21		1
Total TPH	PHC635	**180**	49.9	mg/kg	12.30.2020 07:21		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	98	%	70-130	12.30.2020 07:21	
o-Terphenyl	84-15-1	99	%	70-130	12.30.2020 07:21	

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Falcon Remediation

Sample Id:	**Trench-16 (0-1')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-087	Date Collected:	12.21.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	12.29.2020 16:00	% Moisture:	
Seq Number:	3146436			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**266**	50.0	mg/kg	12.30.2020 07:44		1
Diesel Range Organics (DRO)	C10C28DRO	**7930**	50.0	mg/kg	12.30.2020 07:44		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**640**	50.0	mg/kg	12.30.2020 07:44		1
Total TPH	PHC635	**8840**	50.0	mg/kg	12.30.2020 07:44		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	166	%	70-130	12.30.2020 07:44	**
o-Terphenyl	84-15-1	274	%	70-130	12.30.2020 07:44	**

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Tetra Tech- Midland, Midland, TX

Falcon Remediation

Sample Id:	**Trench-16 (1')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-088	Date Collected:	12.21.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	12.29.2020 16:00	% Moisture:	
Seq Number:	3146436			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**73.5**	50.0	mg/kg	12.30.2020 08:07		1
Diesel Range Organics (DRO)	C10C28DRO	**1990**	50.0	mg/kg	12.30.2020 08:07		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**178**	50.0	mg/kg	12.30.2020 08:07		1
Total TPH	PHC635	**2240**	50.0	mg/kg	12.30.2020 08:07		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	108	%	70-130	12.30.2020 08:07	
o-Terphenyl	84-15-1	115	%	70-130	12.30.2020 08:07	

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Falcon Remediation

Sample Id:	**Trench-16 (2')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-089	Date Collected:	12.21.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	DVM	Date Prep:	12.29.2020 16:00	% Moisture:	
Seq Number:	3146648			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**167**	50.0	mg/kg	12.30.2020 21:05		1
Diesel Range Organics (DRO)	C10C28DRO	**2220**	50.0	mg/kg	12.30.2020 21:05	X	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**286**	50.0	mg/kg	12.30.2020 21:05		1
Total TPH	PHC635	**2670**	50.0	mg/kg	12.30.2020 21:05		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	139	%	70-130	12.30.2020 21:05	**
o-Terphenyl	84-15-1	190	%	70-130	12.30.2020 21:05	**

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Falcon Remediation

Sample Id:	**Trench-17 (0-1')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-092	Date Collected:	12.21.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	DVM	Date Prep:	12.29.2020 16:00	% Moisture:	
Seq Number:	3146648			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**177**	50.0	mg/kg	12.30.2020 22:03		1
Diesel Range Organics (DRO)	C10C28DRO	**5510**	50.0	mg/kg	12.30.2020 22:03		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**549**	50.0	mg/kg	12.30.2020 22:03		1
Total TPH	PHC635	**6240**	50.0	mg/kg	12.30.2020 22:03		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	125	%	70-130	12.30.2020 22:03	
o-Terphenyl	84-15-1	204	%	70-130	12.30.2020 22:03	**

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Falcon Remediation

Sample Id:	**Trench-17 (1')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-093	Date Collected:	12.21.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	DVM	Date Prep:	12.29.2020 16:00	% Moisture:	
Seq Number:	3146648			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**256**	50.0	mg/kg	12.30.2020 22:23		1
Diesel Range Organics (DRO)	C10C28DRO	**2880**	50.0	mg/kg	12.30.2020 22:23		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**353**	50.0	mg/kg	12.30.2020 22:23		1
Total TPH	PHC635	**3490**	50.0	mg/kg	12.30.2020 22:23		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	161	%	70-130	12.30.2020 22:23	**
o-Terphenyl	84-15-1	83	%	70-130	12.30.2020 22:23	

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Falcon Remediation

Sample Id:	**Trench-17 (2)**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-094	Date Collected:	12.21.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	DVM	Date Prep:	12.29.2020 16:00	% Moisture:	
Seq Number:	3146648			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**300**	49.9	mg/kg	12.30.2020 22:42		1
Diesel Range Organics (DRO)	C10C28DRO	**2410**	49.9	mg/kg	12.30.2020 22:42		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**306**	49.9	mg/kg	12.30.2020 22:42		1
Total TPH	PHC635	**3020**	49.9	mg/kg	12.30.2020 22:42		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	134	%	70-130	12.30.2020 22:42	**
o-Terphenyl	84-15-1	40	%	70-130	12.30.2020 22:42	**

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Falcon Remediation

Sample Id:	**Trench-17 (3')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-095	Date Collected:	12.21.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	DVM	Date Prep:	12.29.2020 16:00	% Moisture:	
Seq Number:	3146648			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**185**	50.0	mg/kg	12.30.2020 23:01		1
Diesel Range Organics (DRO)	C10C28DRO	**1530**	50.0	mg/kg	12.30.2020 23:01		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**196**	50.0	mg/kg	12.30.2020 23:01		1
Total TPH	PHC635	**1910**	50.0	mg/kg	12.30.2020 23:01		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	126	%	70-130	12.30.2020 23:01	
o-Terphenyl	84-15-1	154	%	70-130	12.30.2020 23:01	**

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Falcon Remediation

Sample Id:	**Trench-17 (4')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-096	Date Collected:	12.21.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	DVM	Date Prep:	12.29.2020 16:00	% Moisture:	
Seq Number:	3146648			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**53.4**	50.0	mg/kg	12.30.2020 23:20		1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	12.30.2020 23:20	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.30.2020 23:20	U	1
Total TPH	PHC635	**53.4**	50.0	mg/kg	12.30.2020 23:20		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	92	%	70-130	12.30.2020 23:20	
o-Terphenyl	84-15-1	99	%	70-130	12.30.2020 23:20	

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Falcon Remediation

Sample Id:	**Trench-17 (5')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-097	Date Collected:	12.21.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	DVM	Date Prep:	12.29.2020 16:00	% Moisture:	
Seq Number:	3146648			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**60.8**	49.9	mg/kg	12.30.2020 23:39		1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	12.30.2020 23:39	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	12.30.2020 23:39	U	1
Total TPH	PHC635	**60.8**	49.9	mg/kg	12.30.2020 23:39		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	86	%	70-130	12.30.2020 23:39	
o-Terphenyl	84-15-1	92	%	70-130	12.30.2020 23:39	

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Falcon Remediation

Sample Id:	**Trench-17 (6')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-098	Date Collected:	12.21.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	DVM	Date Prep:	12.31.2020 11:00	% Moisture:	
Seq Number:	3146734			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.31.2020 14:09	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	12.31.2020 14:09	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.31.2020 14:09	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	12.31.2020 14:09	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	109	%	70-130	12.31.2020 14:09	
o-Terphenyl	84-15-1	107	%	70-130	12.31.2020 14:09	

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Falcon Remediation

Sample Id:	**Trench-17 (7')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-099	Date Collected:	12.21.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	DVM	Date Prep:	12.29.2020 16:00	% Moisture:	
Seq Number:	3146648			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**51.7**	50.0	mg/kg	12.30.2020 23:58		1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	12.30.2020 23:58	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.30.2020 23:58	U	1
Total TPH	PHC635	**51.7**	50.0	mg/kg	12.30.2020 23:58		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	87	%	70-130	12.30.2020 23:58	
o-Terphenyl	84-15-1	94	%	70-130	12.30.2020 23:58	

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Falcon Remediation

Sample Id: **Trench-18 (0-1')** Matrix: Soil Date Received:12.29.2020 08:54

Lab Sample Id: 682752-100 Date Collected: 12.21.2020 00:00 Sample Depth: 1 - 1 ft

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM

Analyst: DVM Date Prep: 12.29.2020 16:00 % Moisture:

Seq Number: 3146648 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**251**	50.0	mg/kg	12.31.2020 00:17		1
Diesel Range Organics (DRO)	C10C28DRO	**4320**	50.0	mg/kg	12.31.2020 00:17		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**475**	50.0	mg/kg	12.31.2020 00:17		1
Total TPH	PHC635	**5050**	50.0	mg/kg	12.31.2020 00:17		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	131	%	70-130	12.31.2020 00:17	**
o-Terphenyl	84-15-1	320	%	70-130	12.31.2020 00:17	**

Analytical Method: BTEX by EPA 8021B Prep Method: SW5035A

Tech: KTL

Analyst: KTL Date Prep: 12.30.2020 10:00 % Moisture:

Seq Number: 3146468 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	12.30.2020 19:28	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	12.30.2020 19:28	U	1
Ethylbenzene	100-41-4	**0.00505**	0.00201	mg/kg	12.30.2020 19:28		1
m,p-Xylenes	179601-23-1	**0.00775**	0.00402	mg/kg	12.30.2020 19:28		1
o-Xylene	95-47-6	**0.00351**	0.00201	mg/kg	12.30.2020 19:28		1
Total Xylenes	1330-20-7	**0.0113**	0.00201	mg/kg	12.30.2020 19:28		1
Total BTEX		**0.0163**	0.00201	mg/kg	12.30.2020 19:28		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	85	%	70-130	12.30.2020 19:28	
4-Bromofluorobenzene	460-00-4	153	%	70-130	12.30.2020 19:28	**

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Tetra Tech- Midland, Midland, TX

Falcon Remediation

Sample Id:	**Trench-18 (1')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-101	Date Collected:	12.21.2020 00:00	Sample Depth:	1 - 1 ft

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	DVM	Date Prep:	12.29.2020 16:00	% Moisture:	
Seq Number:	3146648			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**773**	49.9	mg/kg	12.31.2020 00:36		1
Diesel Range Organics (DRO)	C10C28DRO	**6130**	49.9	mg/kg	12.31.2020 00:36		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**480**	49.9	mg/kg	12.31.2020 00:36		1
Total TPH	PHC635	**7380**	49.9	mg/kg	12.31.2020 00:36		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	221	%	70-130	12.31.2020 00:36	**
o-Terphenyl	84-15-1	363	%	70-130	12.31.2020 00:36	**

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL				
Analyst:	KTL	Date Prep:	12.30.2020 10:00	% Moisture:	
Seq Number:	3146468			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	12.30.2020 19:54	U	1
Toluene	108-88-3	**0.0473**	0.00200	mg/kg	12.30.2020 19:54		1
Ethylbenzene	100-41-4	**0.0243**	0.00200	mg/kg	12.30.2020 19:54		1
m,p-Xylenes	179601-23-1	**0.190**	0.00399	mg/kg	12.30.2020 19:54		1
o-Xylene	95-47-6	**0.190**	0.00200	mg/kg	12.30.2020 19:54		1
Total Xylenes	1330-20-7	**0.380**	0.00200	mg/kg	12.30.2020 19:54		1
Total BTEX		**0.452**	0.00200	mg/kg	12.30.2020 19:54		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	89	%	70-130	12.30.2020 19:54	
4-Bromofluorobenzene	460-00-4	277	%	70-130	12.30.2020 19:54	**

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Falcon Remediation

Sample Id: **Trench-18 (2')** Matrix: Soil Date Received:12.29.2020 08:54

Lab Sample Id: 682752-102 Date Collected: 12.21.2020 00:00 Sample Depth: 1 - 1 ft

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM

Analyst: DVM Date Prep: 12.29.2020 16:00 % Moisture:

Seq Number: 3146648 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**558**	50.0	mg/kg	12.31.2020 01:14		1
Diesel Range Organics (DRO)	C10C28DRO	**4970**	50.0	mg/kg	12.31.2020 01:14		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**445**	50.0	mg/kg	12.31.2020 01:14		1
Total TPH	PHC635	**5970**	50.0	mg/kg	12.31.2020 01:14		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	255	%	70-130	12.31.2020 01:14	**
o-Terphenyl	84-15-1	318	%	70-130	12.31.2020 01:14	**

Analytical Method: BTEX by EPA 8021B Prep Method: SW5035A

Tech: KTL

Analyst: KTL Date Prep: 12.30.2020 10:00 % Moisture:

Seq Number: 3146468 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	12.30.2020 20:21	U	1
Toluene	108-88-3	**0.0260**	0.00199	mg/kg	12.30.2020 20:21		1
Ethylbenzene	100-41-4	**0.0151**	0.00199	mg/kg	12.30.2020 20:21		1
m,p-Xylenes	179601-23-1	**0.249**	0.00398	mg/kg	12.30.2020 20:21		1
o-Xylene	95-47-6	**0.229**	0.00199	mg/kg	12.30.2020 20:21		1
Total Xylenes	1330-20-7	**0.478**	0.00199	mg/kg	12.30.2020 20:21		1
Total BTEX		**0.519**	0.00199	mg/kg	12.30.2020 20:21		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	330	%	70-130	12.30.2020 20:21	**
1,4-Difluorobenzene	540-36-3	87	%	70-130	12.30.2020 20:21	

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Tetra Tech- Midland, Midland, TX

Falcon Remediation

Sample Id:	**Trench-19 (4')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-109	Date Collected:	12.22.2020 00:00	Sample Depth:	1 - 1 ft

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	DVM	Date Prep:	12.29.2020 16:00	% Moisture:	
Seq Number:	3146648			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**760**	49.9	mg/kg	12.31.2020 01:34		1
Diesel Range Organics (DRO)	C10C28DRO	**3400**	49.9	mg/kg	12.31.2020 01:34		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**360**	49.9	mg/kg	12.31.2020 01:34		1
Total TPH	PHC635	**4520**	49.9	mg/kg	12.31.2020 01:34		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	161	%	70-130	12.31.2020 01:34	**
o-Terphenyl	84-15-1	234	%	70-130	12.31.2020 01:34	**

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL				
Analyst:	KTL	Date Prep:	12.30.2020 10:00	% Moisture:	
Seq Number:	3146468			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	**0.00214**	0.00199	mg/kg	12.30.2020 20:47		1
Toluene	108-88-3	**0.0517**	0.00199	mg/kg	12.30.2020 20:47		1
Ethylbenzene	100-41-4	**0.0595**	0.00199	mg/kg	12.30.2020 20:47		1
m,p-Xylenes	179601-23-1	**0.0761**	0.00398	mg/kg	12.30.2020 20:47		1
o-Xylene	95-47-6	**0.223**	0.00199	mg/kg	12.30.2020 20:47		1
Total Xylenes	1330-20-7	**0.299**	0.00199	mg/kg	12.30.2020 20:47		1
Total BTEX		**0.412**	0.00199	mg/kg	12.30.2020 20:47		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	99	%	70-130	12.30.2020 20:47	
4-Bromofluorobenzene	460-00-4	340	%	70-130	12.30.2020 20:47	**

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Falcon Remediation

Sample Id: **Trench-19 (5')** Matrix: Soil Date Received:12.29.2020 08:54

Lab Sample Id: 682752-110 Date Collected: 12.22.2020 00:00 Sample Depth: 1 - 1 ft

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM

Analyst: DVM Date Prep: 12.29.2020 16:00 % Moisture:

Seq Number: 3146648 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**161**	50.0	mg/kg	12.31.2020 01:53		1
Diesel Range Organics (DRO)	C10C28DRO	**1060**	50.0	mg/kg	12.31.2020 01:53		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**118**	50.0	mg/kg	12.31.2020 01:53		1
Total TPH	PHC635	**1340**	50.0	mg/kg	12.31.2020 01:53		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	117	%	70-130	12.31.2020 01:53	
o-Terphenyl	84-15-1	164	%	70-130	12.31.2020 01:53	**

Analytical Method: BTEX by EPA 8021B Prep Method: SW5035A

Tech: KTL

Analyst: KTL Date Prep: 12.30.2020 10:00 % Moisture:

Seq Number: 3146468 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	12.30.2020 21:14	U	1
Toluene	108-88-3	**0.0420**	0.00199	mg/kg	12.30.2020 21:14		1
Ethylbenzene	100-41-4	**0.0149**	0.00199	mg/kg	12.30.2020 21:14		1
m,p-Xylenes	179601-23-1	**0.0102**	0.00398	mg/kg	12.30.2020 21:14		1
o-Xylene	95-47-6	**0.155**	0.00199	mg/kg	12.30.2020 21:14		1
Total Xylenes	1330-20-7	**0.165**	0.00199	mg/kg	12.30.2020 21:14		1
Total BTEX		**0.222**	0.00199	mg/kg	12.30.2020 21:14		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	92	%	70-130	12.30.2020 21:14	
4-Bromofluorobenzene	460-00-4	235	%	70-130	12.30.2020 21:14	**

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Certificate of Analytical Results 682752

Tetra Tech- Midland, Midland, TX

Falcon Remediation

Sample Id: **Trench-19 (6')** Matrix: Soil Date Received:12.29.2020 08:54

Lab Sample Id: 682752-111 Date Collected: 12.22.2020 00:00 Sample Depth: 1 - 1 ft

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM

Analyst: DVM Date Prep: 12.29.2020 16:00 % Moisture:

Seq Number: 3146648 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**50.3**	49.8	mg/kg	12.31.2020 02:12		1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	12.31.2020 02:12	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	12.31.2020 02:12	U	1
Total TPH	PHC635	**50.3**	49.8	mg/kg	12.31.2020 02:12		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	83	%	70-130	12.31.2020 02:12	
o-Terphenyl	84-15-1	89	%	70-130	12.31.2020 02:12	

Analytical Method: BTEX by EPA 8021B Prep Method: SW5035A

Tech: KTL

Analyst: KTL Date Prep: 12.30.2020 10:00 % Moisture:

Seq Number: 3146468 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	12.30.2020 21:41	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	12.30.2020 21:41	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	12.30.2020 21:41	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	12.30.2020 21:41	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	12.30.2020 21:41	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	12.30.2020 21:41	U	1
Total BTEX		<0.00200	0.00200	mg/kg	12.30.2020 21:41	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	138	%	70-130	12.30.2020 21:41	**
1,4-Difluorobenzene	540-36-3	88	%	70-130	12.30.2020 21:41	

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Tetra Tech- Midland, Midland, TX

Falcon Remediation

Sample Id: **Trench-20 (4')** Matrix: Soil Date Received:12.29.2020 08:54

Lab Sample Id: 682752-116 Date Collected: 12.22.2020 00:00 Sample Depth: 1 - 1 ft

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM

Analyst: DVM Date Prep: 12.29.2020 16:00 % Moisture:

Seq Number: 3146648 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**1890**	50.0	mg/kg	12.31.2020 02:32		1
Diesel Range Organics (DRO)	C10C28DRO	**6160**	50.0	mg/kg	12.31.2020 02:32		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**455**	50.0	mg/kg	12.31.2020 02:32		1
Total TPH	PHC635	**8510**	50.0	mg/kg	12.31.2020 02:32		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	356	%	70-130	12.31.2020 02:32	**
o-Terphenyl	84-15-1	370	%	70-130	12.31.2020 02:32	**

Analytical Method: BTEX by EPA 8021B Prep Method: SW5035A

Tech: KTL

Analyst: KTL Date Prep: 12.30.2020 10:00 % Moisture:

Seq Number: 3146468 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	**0.00544**	0.00199	mg/kg	12.30.2020 22:07		1
Toluene	108-88-3	**0.255**	0.00199	mg/kg	12.30.2020 22:07		1
Ethylbenzene	100-41-4	**0.186**	0.00199	mg/kg	12.30.2020 22:07		1
m,p-Xylenes	179601-23-1	**20.2**	0.199	mg/kg	12.31.2020 20:21	D	50
o-Xylene	95-47-6	**7.39**	0.0996	mg/kg	12.31.2020 20:21	D	50
Total Xylenes	1330-20-7	**27.6**	0.0996	mg/kg	12.31.2020 20:21		50
Total BTEX		**28.0**	0.00199	mg/kg	12.31.2020 20:21		50

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	96	%	70-130	12.30.2020 22:07	
4-Bromofluorobenzene	460-00-4	377	%	70-130	12.30.2020 22:07	**

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Tetra Tech- Midland, Midland, TX

Falcon Remediation

Sample Id: **Trench-20 (5')** Matrix: Soil Date Received:12.29.2020 08:54

Lab Sample Id: 682752-117 Date Collected: 12.22.2020 00:00 Sample Depth: 1 - 1 ft

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM

Analyst: DVM Date Prep: 12.29.2020 16:00 % Moisture:

Seq Number: 3146648 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**578**	49.9	mg/kg	12.31.2020 02:51		1
Diesel Range Organics (DRO)	C10C28DRO	**2480**	49.9	mg/kg	12.31.2020 02:51		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**266**	49.9	mg/kg	12.31.2020 02:51		1
Total TPH	PHC635	**3320**	49.9	mg/kg	12.31.2020 02:51		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	134	%	70-130	12.31.2020 02:51	**
o-Terphenyl	84-15-1	67	%	70-130	12.31.2020 02:51	**

Analytical Method: BTEX by EPA 8021B Prep Method: SW5035A

Tech: KTL

Analyst: KTL Date Prep: 12.30.2020 10:00 % Moisture:

Seq Number: 3146468 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	**0.00367**	0.00198	mg/kg	12.30.2020 22:34		1
Toluene	108-88-3	**0.0622**	0.00198	mg/kg	12.30.2020 22:34		1
Ethylbenzene	100-41-4	**0.0652**	0.00198	mg/kg	12.30.2020 22:34		1
m,p-Xylenes	179601-23-1	**11.8**	0.0792	mg/kg	12.31.2020 20:41	D	20
o-Xylene	95-47-6	**5.00**	0.0396	mg/kg	12.31.2020 20:41	D	20
Total Xylenes	1330-20-7	**16.8**	0.0396	mg/kg	12.31.2020 20:41		20
Total BTEX		**16.9**	0.00198	mg/kg	12.31.2020 20:41		20

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	257	%	70-130	12.30.2020 22:34	**
1,4-Difluorobenzene	540-36-3	90	%	70-130	12.30.2020 22:34	

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Tetra Tech- Midland, Midland, TX

Falcon Remediation

Sample Id: **Trench-20 (6')** Matrix: Soil Date Received:12.29.2020 08:54

Lab Sample Id: 682752-118 Date Collected: 12.22.2020 00:00 Sample Depth: 1 - 1 ft

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM

Analyst: DVM Date Prep: 12.29.2020 16:00 % Moisture:

Seq Number: 3146648 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**54.7**	50.0	mg/kg	12.31.2020 03:10		1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	12.31.2020 03:10	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.31.2020 03:10	U	1
Total TPH	PHC635	**54.7**	50.0	mg/kg	12.31.2020 03:10		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	94	%	70-130	12.31.2020 03:10	
o-Terphenyl	84-15-1	99	%	70-130	12.31.2020 03:10	

Analytical Method: BTEX by EPA 8021B Prep Method: SW5035A

Tech: KTL

Analyst: KTL Date Prep: 12.29.2020 16:00 % Moisture:

Seq Number: 3146363 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	12.29.2020 19:03	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	12.29.2020 19:03	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	12.29.2020 19:03	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	12.29.2020 19:03	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	12.29.2020 19:03	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	12.29.2020 19:03	U	1
Total BTEX		<0.00200	0.00200	mg/kg	12.29.2020 19:03	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	89	%	70-130	12.29.2020 19:03	
4-Bromofluorobenzene	460-00-4	109	%	70-130	12.29.2020 19:03	

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Tetra Tech- Midland, Midland, TX

Falcon Remediation

Sample Id:	**Trench-21 (4')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-123	Date Collected:	12.22.2020 00:00	Sample Depth:	1 - 1 ft

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	DVM	Date Prep:	12.31.2020 11:00	% Moisture:	
Seq Number:	3146734			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**294**	49.8	mg/kg	12.31.2020 15:19		1
Diesel Range Organics (DRO)	C10C28DRO	**2460**	49.8	mg/kg	12.31.2020 15:19		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**185**	49.8	mg/kg	12.31.2020 15:19		1
Total TPH	PHC635	**2940**	49.8	mg/kg	12.31.2020 15:19		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	71	%	70-130	12.31.2020 15:19	
o-Terphenyl	84-15-1	73	%	70-130	12.31.2020 15:19	

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL				
Analyst:	KTL	Date Prep:	12.29.2020 16:00	% Moisture:	
Seq Number:	3146363			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	12.29.2020 19:28	U	1
Toluene	108-88-3	**0.00582**	0.00200	mg/kg	12.29.2020 19:28		1
Ethylbenzene	100-41-4	**0.141**	0.00200	mg/kg	12.29.2020 19:28		1
m,p-Xylenes	179601-23-1	**0.701**	0.00401	mg/kg	12.29.2020 19:28		1
o-Xylene	95-47-6	**0.394**	0.00200	mg/kg	12.29.2020 19:28		1
Total Xylenes	1330-20-7	**1.10**	0.00200	mg/kg	12.29.2020 19:28		1
Total BTEX		**1.24**	0.00200	mg/kg	12.29.2020 19:28		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	80	%	70-130	12.29.2020 19:28	
4-Bromofluorobenzene	460-00-4	783	%	70-130	12.29.2020 19:28	**

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Tetra Tech- Midland, Midland, TX

Falcon Remediation

Sample Id: **Trench-21 (5')** Matrix: Soil Date Received:12.29.2020 08:54

Lab Sample Id: 682752-124 Date Collected: 12.22.2020 00:00 Sample Depth: 1 - 1 ft

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM

Analyst: DVM Date Prep: 12.31.2020 11:00 % Moisture:

Seq Number: 3146734 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.31.2020 15:42	U	1
Diesel Range Organics (DRO)	C10C28DRO	**92.6**	50.0	mg/kg	12.31.2020 15:42		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.31.2020 15:42	U	1
Total TPH	PHC635	**92.6**	50.0	mg/kg	12.31.2020 15:42		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	94	%	70-130	12.31.2020 15:42	
o-Terphenyl	84-15-1	92	%	70-130	12.31.2020 15:42	

Analytical Method: BTEX by EPA 8021B Prep Method: SW5035A

Tech: KTL

Analyst: KTL Date Prep: 12.29.2020 16:00 % Moisture:

Seq Number: 3146363 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	12.29.2020 19:53	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	12.29.2020 19:53	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	12.29.2020 19:53	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	12.29.2020 19:53	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	12.29.2020 19:53	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	12.29.2020 19:53	U	1
Total BTEX		<0.00199	0.00199	mg/kg	12.29.2020 19:53	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	105	%	70-130	12.29.2020 19:53	
4-Bromofluorobenzene	460-00-4	91	%	70-130	12.29.2020 19:53	

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Certificate of Analytical Results 682752

Tetra Tech- Midland, Midland, TX

Falcon Remediation

Sample Id: **Trench-21 (6')** Matrix: Soil Date Received:12.29.2020 08:54

Lab Sample Id: 682752-125 Date Collected: 12.22.2020 00:00 Sample Depth: 1 - 1 ft

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM

Analyst: DVM Date Prep: 12.31.2020 11:00 % Moisture:

Seq Number: 3146734 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.31.2020 16:05	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	12.31.2020 16:05	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.31.2020 16:05	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	12.31.2020 16:05	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	100	%	70-130	12.31.2020 16:05	
o-Terphenyl	84-15-1	99	%	70-130	12.31.2020 16:05	

Analytical Method: BTEX by EPA 8021B Prep Method: SW5035A

Tech: KTL

Analyst: KTL Date Prep: 12.29.2020 16:00 % Moisture:

Seq Number: 3146363 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	12.29.2020 20:20	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	12.29.2020 20:20	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	12.29.2020 20:20	U	1
m,p-Xylenes	179601-23-1	<0.00396	0.00396	mg/kg	12.29.2020 20:20	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	12.29.2020 20:20	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	12.29.2020 20:20	U	1
Total BTEX		<0.00198	0.00198	mg/kg	12.29.2020 20:20	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	89	%	70-130	12.29.2020 20:20	
4-Bromofluorobenzene	460-00-4	113	%	70-130	12.29.2020 20:20	

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Certificate of Analytical Results 682752

Tetra Tech- Midland, Midland, TX

Falcon Remediation

Sample Id: **Trench-22 (4')** Matrix: Soil Date Received:12.29.2020 08:54

Lab Sample Id: 682752-130 Date Collected: 12.22.2020 00:00 Sample Depth: 1 - 1 ft

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM

Analyst: DVM Date Prep: 12.31.2020 11:00 % Moisture:

Seq Number: 3146734 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**456**	50.0	mg/kg	12.31.2020 16:28		1
Diesel Range Organics (DRO)	C10C28DRO	**2740**	50.0	mg/kg	12.31.2020 16:28		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**217**	50.0	mg/kg	12.31.2020 16:28		1
Total TPH	PHC635	**3410**	50.0	mg/kg	12.31.2020 16:28		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	75	%	70-130	12.31.2020 16:28	
o-Terphenyl	84-15-1	93	%	70-130	12.31.2020 16:28	

Analytical Method: BTEX by EPA 8021B Prep Method: SW5035A

Tech: KTL

Analyst: KTL Date Prep: 12.29.2020 16:00 % Moisture:

Seq Number: 3146363 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	**0.00294**	0.00200	mg/kg	12.29.2020 20:46		1
Toluene	108-88-3	**0.0388**	0.00200	mg/kg	12.29.2020 20:46		1
Ethylbenzene	100-41-4	**0.0217**	0.00200	mg/kg	12.29.2020 20:46		1
m,p-Xylenes	179601-23-1	**0.252**	0.00400	mg/kg	12.29.2020 20:46		1
o-Xylene	95-47-6	**0.213**	0.00200	mg/kg	12.29.2020 20:46		1
Total Xylenes	1330-20-7	**0.465**	0.00200	mg/kg	12.29.2020 20:46		1
Total BTEX		**0.528**	0.00200	mg/kg	12.29.2020 20:46		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	563	%	70-130	12.29.2020 20:46	**
1,4-Difluorobenzene	540-36-3	87	%	70-130	12.29.2020 20:46	

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Certificate of Analytical Results 682752

Tetra Tech- Midland, Midland, TX

Falcon Remediation

Sample Id: **Trench-22 (5')** Matrix: Soil Date Received:12.29.2020 08:54

Lab Sample Id: 682752-131 Date Collected: 12.22.2020 00:00 Sample Depth: 1 - 1 ft

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM

Analyst: DVM Date Prep: 12.31.2020 11:00 % Moisture:

Seq Number: 3146734 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**1290**	50.0	mg/kg	12.31.2020 16:51		1
Diesel Range Organics (DRO)	C10C28DRO	**4510**	50.0	mg/kg	12.31.2020 16:51		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**332**	50.0	mg/kg	12.31.2020 16:51		1
Total TPH	PHC635	**6130**	50.0	mg/kg	12.31.2020 16:51		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	99	%	70-130	12.31.2020 16:51	
o-Terphenyl	84-15-1	97	%	70-130	12.31.2020 16:51	

Analytical Method: BTEX by EPA 8021B Prep Method: SW5035A

Tech: KTL

Analyst: KTL Date Prep: 12.29.2020 16:00 % Moisture:

Seq Number: 3146363 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	**0.171**	0.00200	mg/kg	12.29.2020 21:12		1
Toluene	108-88-3	**5.33**	0.200	mg/kg	12.30.2020 22:24	D	100
Ethylbenzene	100-41-4	**6.20**	0.200	mg/kg	12.30.2020 22:24	D	100
m,p-Xylenes	179601-23-1	**32.5**	0.400	mg/kg	12.30.2020 22:24	D	100
o-Xylene	95-47-6	**12.4**	0.200	mg/kg	12.30.2020 22:24	D	100
Total Xylenes	1330-20-7	**44.9**	0.200	mg/kg	12.30.2020 22:24		100
Total BTEX		**56.6**	0.00200	mg/kg	12.30.2020 22:24		100

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	2267	%	70-130	12.29.2020 21:12	**
1,4-Difluorobenzene	540-36-3	128	%	70-130	12.29.2020 21:12	

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Falcon Remediation

Sample Id: **Trench-22 (6')** Matrix: Soil Date Received:12.29.2020 08:54

Lab Sample Id: 682752-132 Date Collected: 12.22.2020 00:00 Sample Depth: 1 - 1 ft

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM

Analyst: DVM Date Prep: 12.31.2020 11:00 % Moisture:

Seq Number: 3146734 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**330**	49.9	mg/kg	12.31.2020 17:14		1
Diesel Range Organics (DRO)	C10C28DRO	**2050**	49.9	mg/kg	12.31.2020 17:14		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**152**	49.9	mg/kg	12.31.2020 17:14		1
Total TPH	PHC635	**2530**	49.9	mg/kg	12.31.2020 17:14		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	72	%	70-130	12.31.2020 17:14	
o-Terphenyl	84-15-1	71	%	70-130	12.31.2020 17:14	

Analytical Method: BTEX by EPA 8021B Prep Method: SW5035A

Tech: KTL

Analyst: KTL Date Prep: 12.29.2020 16:00 % Moisture:

Seq Number: 3146363 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	**0.00301**	0.00201	mg/kg	12.29.2020 21:39		1
Toluene	108-88-3	**1.73**	0.100	mg/kg	12.30.2020 22:04	D	50
Ethylbenzene	100-41-4	**2.97**	0.100	mg/kg	12.30.2020 22:04	D	50
m,p-Xylenes	179601-23-1	**17.7**	0.201	mg/kg	12.30.2020 22:04	D	50
o-Xylene	95-47-6	**5.75**	0.100	mg/kg	12.30.2020 22:04	D	50
Total Xylenes	1330-20-7	**23.5**	0.100	mg/kg	12.30.2020 22:04		50
Total BTEX		**28.2**	0.00201	mg/kg	12.30.2020 22:04		50

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	1110	%	70-130	12.29.2020 21:39	**
1,4-Difluorobenzene	540-36-3	75	%	70-130	12.29.2020 21:39	

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Falcon Remediation

Sample Id: **Trench-22 (7')** Matrix: Soil Date Received:12.29.2020 08:54

Lab Sample Id: 682752-133 Date Collected: 12.22.2020 00:00 Sample Depth: 1 - 1 ft

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM

Analyst: DVM Date Prep: 12.31.2020 11:00 % Moisture:

Seq Number: 3146734 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.31.2020 17:37	U	1
Diesel Range Organics (DRO)	C10C28DRO	**358**	50.0	mg/kg	12.31.2020 17:37		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.31.2020 17:37	U	1
Total TPH	PHC635	**358**	50.0	mg/kg	12.31.2020 17:37		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	109	%	70-130	12.31.2020 17:37	
o-Terphenyl	84-15-1	111	%	70-130	12.31.2020 17:37	

Analytical Method: BTEX by EPA 8021B Prep Method: SW5035A

Tech: KTL

Analyst: KTL Date Prep: 12.30.2020 10:00 % Moisture:

Seq Number: 3146700 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	12.30.2020 18:43	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	12.30.2020 18:43	U	1
Ethylbenzene	100-41-4	**0.00532**	0.00200	mg/kg	12.30.2020 18:43		1
m,p-Xylenes	179601-23-1	**0.0107**	0.00399	mg/kg	12.30.2020 18:43		1
o-Xylene	95-47-6	**0.00620**	0.00200	mg/kg	12.30.2020 18:43		1
Total Xylenes	1330-20-7	**0.0169**	0.00200	mg/kg	12.30.2020 18:43		1
Total BTEX		**0.0222**	0.00200	mg/kg	12.30.2020 18:43		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	95	%	70-130	12.30.2020 18:43	
4-Bromofluorobenzene	460-00-4	134	%	70-130	12.30.2020 18:43	**

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Falcon Remediation

Sample Id:	**Trench-23 (4')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-138	Date Collected:	12.22.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	DVM	Date Prep:	12.31.2020 11:00	% Moisture:	
Seq Number:	3146734			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**96.3**	50.0	mg/kg	12.31.2020 17:59		1
Diesel Range Organics (DRO)	C10C28DRO	**1130**	50.0	mg/kg	12.31.2020 17:59		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**85.7**	50.0	mg/kg	12.31.2020 17:59		1
Total TPH	PHC635	**1310**	50.0	mg/kg	12.31.2020 17:59		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	117	%	70-130	12.31.2020 17:59	
o-Terphenyl	84-15-1	117	%	70-130	12.31.2020 17:59	

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Falcon Remediation

Sample Id:	**Trench-23 (5')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-139	Date Collected:	12.22.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	DVM	Date Prep:	12.31.2020 11:00	% Moisture:	
Seq Number:	3146734			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	12.31.2020 18:22	U	1
Diesel Range Organics (DRO)	C10C28DRO	**69.7**	49.9	mg/kg	12.31.2020 18:22		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	12.31.2020 18:22	U	1
Total TPH	PHC635	**69.7**	49.9	mg/kg	12.31.2020 18:22		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	109	%	70-130	12.31.2020 18:22	
o-Terphenyl	84-15-1	109	%	70-130	12.31.2020 18:22	

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Falcon Remediation

Sample Id:	**Trench-23 (6')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-140	Date Collected:	12.22.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	DVM	Date Prep:	12.31.2020 11:00	% Moisture:	
Seq Number:	3146734			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.31.2020 19:08	U	1
Diesel Range Organics (DRO)	C10C28DRO	**54.8**	50.0	mg/kg	12.31.2020 19:08		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.31.2020 19:08	U	1
Total TPH	PHC635	**54.8**	50.0	mg/kg	12.31.2020 19:08		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	102	%	70-130	12.31.2020 19:08	
o-Terphenyl	84-15-1	101	%	70-130	12.31.2020 19:08	

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Falcon Remediation

Sample Id:	**Trench-24 (4')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-145	Date Collected:	12.15.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	12.29.2020 11:00	% Moisture:	
Seq Number:	3146478			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**543**	50.0	mg/kg	12.30.2020 19:26		1
Diesel Range Organics (DRO)	C10C28DRO	**505**	50.0	mg/kg	12.30.2020 19:26		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**124**	50.0	mg/kg	12.30.2020 19:26		1
Total TPH	PHC635	**1170**	50.0	mg/kg	12.30.2020 19:26		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	165	%	70-130	12.30.2020 19:26	**
o-Terphenyl	84-15-1	136	%	70-130	12.30.2020 19:26	**

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Falcon Remediation

Sample Id:	**Trench-24 (5')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-146	Date Collected:	12.15.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	12.29.2020 11:00	% Moisture:	
Seq Number:	3146478			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	12.30.2020 19:49	U	1
Diesel Range Organics (DRO)	C10C28DRO	**151**	49.9	mg/kg	12.30.2020 19:49		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**65.4**	49.9	mg/kg	12.30.2020 19:49		1
Total TPH	PHC635	**216**	49.9	mg/kg	12.30.2020 19:49		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	157	%	70-130	12.30.2020 19:49	**
o-Terphenyl	84-15-1	125	%	70-130	12.30.2020 19:49	

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Falcon Remediation

Sample Id:	**Trench-24 (6')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-147	Date Collected:	12.15.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	12.29.2020 11:00	% Moisture:	
Seq Number:	3146478			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.30.2020 20:35	U	1
Diesel Range Organics (DRO)	C10C28DRO	**176**	50.0	mg/kg	12.30.2020 20:35		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.30.2020 20:35	U	1
Total TPH	PHC635	**176**	50.0	mg/kg	12.30.2020 20:35		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	151	%	70-130	12.30.2020 20:35	**
o-Terphenyl	84-15-1	124	%	70-130	12.30.2020 20:35	

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Falcon Remediation

Sample Id:	**Trench-25 (0-1')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-148	Date Collected:	12.15.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	12.29.2020 11:00	% Moisture:	
Seq Number:	3146478			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.30.2020 20:58	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	12.30.2020 20:58	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.30.2020 20:58	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	12.30.2020 20:58	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	141	%	70-130	12.30.2020 20:58	**
o-Terphenyl	84-15-1	115	%	70-130	12.30.2020 20:58	

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Falcon Remediation

Sample Id:	**Trench-26 (0-1')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-153	Date Collected:	12.15.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	12.29.2020 11:00	% Moisture:	
Seq Number:	3146478			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.30.2020 21:23	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	12.30.2020 21:23	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.30.2020 21:23	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	12.30.2020 21:23	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	158	%	70-130	12.30.2020 21:23	**
o-Terphenyl	84-15-1	128	%	70-130	12.30.2020 21:23	

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Falcon Remediation

Sample Id:	**Trench-27 (0-1')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-158	Date Collected:	12.21.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	DVM	Date Prep:	12.31.2020 11:00	% Moisture:	
Seq Number:	3146734			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	12.31.2020 19:31	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	12.31.2020 19:31	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	12.31.2020 19:31	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	12.31.2020 19:31	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	95	%	70-130	12.31.2020 19:31	
o-Terphenyl	84-15-1	89	%	70-130	12.31.2020 19:31	

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Falcon Remediation

Sample Id:	**Trench-28 (0-1')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-163	Date Collected:	12.15.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	12.29.2020 11:00	% Moisture:	
Seq Number:	3146478			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	12.30.2020 21:45	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	12.30.2020 21:45	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	12.30.2020 21:45	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	12.30.2020 21:45	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	108	%	70-130	12.30.2020 21:45	
o-Terphenyl	84-15-1	106	%	70-130	12.30.2020 21:45	

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Falcon Remediation

Sample Id:	**Trench-29 (0-1')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-168	Date Collected:	12.21.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	DVM	Date Prep:	12.31.2020 11:00	% Moisture:	
Seq Number:	3146734			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.31.2020 19:54	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	12.31.2020 19:54	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.31.2020 19:54	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	12.31.2020 19:54	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	98	%	70-130	12.31.2020 19:54	
o-Terphenyl	84-15-1	94	%	70-130	12.31.2020 19:54	

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Falcon Remediation

Sample Id:	**Trench-29 (1')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-169	Date Collected:	12.21.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	DVM	Date Prep:	12.31.2020 11:00	% Moisture:	
Seq Number:	3146734			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.31.2020 20:17	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	12.31.2020 20:17	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.31.2020 20:17	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	12.31.2020 20:17	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	96	%	70-130	12.31.2020 20:17	
o-Terphenyl	84-15-1	92	%	70-130	12.31.2020 20:17	

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Falcon Remediation

Sample Id:	**Trench-29 (2')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-170	Date Collected:	12.21.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	DVM	Date Prep:	12.31.2020 11:00	% Moisture:	
Seq Number:	3146734			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	12.31.2020 20:39	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	12.31.2020 20:39	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	12.31.2020 20:39	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	12.31.2020 20:39	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	102	%	70-130	12.31.2020 20:39	
o-Terphenyl	84-15-1	97	%	70-130	12.31.2020 20:39	

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Falcon Remediation

Sample Id:	**Trench-29 (3')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-171	Date Collected:	12.21.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	DVM	Date Prep:	12.31.2020 11:00	% Moisture:	
Seq Number:	3146734			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.31.2020 21:02	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	12.31.2020 21:02	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.31.2020 21:02	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	12.31.2020 21:02	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	121	%	70-130	12.31.2020 21:02	
o-Terphenyl	84-15-1	111	%	70-130	12.31.2020 21:02	

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Falcon Remediation

Sample Id:	**Trench-29 (4')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-172	Date Collected:	12.21.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	DVM	Date Prep:	12.31.2020 11:00	% Moisture:	
Seq Number:	3146734			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.31.2020 21:25	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	12.31.2020 21:25	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.31.2020 21:25	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	12.31.2020 21:25	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	118	%	70-130	12.31.2020 21:25	
o-Terphenyl	84-15-1	113	%	70-130	12.31.2020 21:25	

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Falcon Remediation

Sample Id:	**Trench-29 (5')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-173	Date Collected:	12.21.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	DVM	Date Prep:	12.31.2020 11:00	% Moisture:	
Seq Number:	3146734			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	12.31.2020 21:47	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	12.31.2020 21:47	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	12.31.2020 21:47	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	12.31.2020 21:47	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	104	%	70-130	12.31.2020 21:47	
o-Terphenyl	84-15-1	105	%	70-130	12.31.2020 21:47	

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Falcon Remediation

Sample Id:	**Trench-29 (6')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-174	Date Collected:	12.21.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	DVM	Date Prep:	12.31.2020 11:00	% Moisture:	
Seq Number:	3146734			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.31.2020 22:10	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	12.31.2020 22:10	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.31.2020 22:10	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	12.31.2020 22:10	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	105	%	70-130	12.31.2020 22:10	
o-Terphenyl	84-15-1	105	%	70-130	12.31.2020 22:10	

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Falcon Remediation

Sample Id:	**Trench-29 (7')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-175	Date Collected:	12.21.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	12.31.2020 11:00	% Moisture:	
Seq Number:	3146731			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	01.04.2021 16:24	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	01.04.2021 16:24	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	01.04.2021 16:24	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	01.04.2021 16:24	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	86	%	70-130	01.04.2021 16:24	
o-Terphenyl	84-15-1	97	%	70-130	01.04.2021 16:24	

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Falcon Remediation

Sample Id:	**Trench-29 (8')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-176	Date Collected:	12.21.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	12.31.2020 11:00	% Moisture:	
Seq Number:	3146731			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	01.04.2021 17:19	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	01.04.2021 17:19	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	01.04.2021 17:19	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	01.04.2021 17:19	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	88	%	70-130	01.04.2021 17:19	
o-Terphenyl	84-15-1	98	%	70-130	01.04.2021 17:19	

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Falcon Remediation

Sample Id:	**Trench-29 (9')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-177	Date Collected:	12.21.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	12.31.2020 11:00	% Moisture:	
Seq Number:	3146731			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	01.04.2021 17:37	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	01.04.2021 17:37	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	01.04.2021 17:37	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	01.04.2021 17:37	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	92	%	70-130	01.04.2021 17:37	
o-Terphenyl	84-15-1	101	%	70-130	01.04.2021 17:37	

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Falcon Remediation

Sample Id:	**Trench-29 (10')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-178	Date Collected:	12.21.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	12.31.2020 11:00	% Moisture:	
Seq Number:	3146731			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	01.04.2021 17:55	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	01.04.2021 17:55	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	01.04.2021 17:55	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	01.04.2021 17:55	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	92	%	70-130	01.04.2021 17:55	
o-Terphenyl	84-15-1	101	%	70-130	01.04.2021 17:55	

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Falcon Remediation

Sample Id:	**Trench-30 (0-1')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-179	Date Collected:	12.21.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	12.31.2020 11:00	% Moisture:	
Seq Number:	3146731			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**110**	49.9	mg/kg	01.04.2021 18:13		1
Diesel Range Organics (DRO)	C10C28DRO	**5490**	49.9	mg/kg	01.04.2021 18:13		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**459**	49.9	mg/kg	01.04.2021 18:13		1
Total TPH	PHC635	**6060**	49.9	mg/kg	01.04.2021 18:13		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	88	%	70-130	01.04.2021 18:13	
o-Terphenyl	84-15-1	103	%	70-130	01.04.2021 18:13	

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Falcon Remediation

Sample Id:	**Trench-30 (1')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-180	Date Collected:	12.21.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	12.31.2020 11:00	% Moisture:	
Seq Number:	3146731			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**137**	49.8	mg/kg	01.04.2021 18:31		1
Diesel Range Organics (DRO)	C10C28DRO	**3490**	49.8	mg/kg	01.04.2021 18:31		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**338**	49.8	mg/kg	01.04.2021 18:31		1
Total TPH	PHC635	**3970**	49.8	mg/kg	01.04.2021 18:31		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	105	%	70-130	01.04.2021 18:31	
o-Terphenyl	84-15-1	95	%	70-130	01.04.2021 18:31	

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Falcon Remediation

Sample Id:	**Trench-30 (2')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-181	Date Collected:	12.21.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	12.31.2020 11:00	% Moisture:	
Seq Number:	3146731			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	01.04.2021 18:50	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	01.04.2021 18:50	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	01.04.2021 18:50	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	01.04.2021 18:50	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	75	%	70-130	01.04.2021 18:50	
o-Terphenyl	84-15-1	78	%	70-130	01.04.2021 18:50	

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Falcon Remediation

Sample Id:	**Trench-30 (3')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-182	Date Collected:	12.21.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	12.31.2020 11:00	% Moisture:	
Seq Number:	3146731			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	01.04.2021 19:08	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	01.04.2021 19:08	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	01.04.2021 19:08	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	01.04.2021 19:08	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	86	%	70-130	01.04.2021 19:08	
o-Terphenyl	84-15-1	88	%	70-130	01.04.2021 19:08	

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Falcon Remediation

Sample Id:	**Trench-30 (4')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-183	Date Collected:	12.21.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	12.31.2020 11:00	% Moisture:	
Seq Number:	3146731			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	01.04.2021 19:26	U	1
Diesel Range Organics (DRO)	C10C28DRO	**928**	49.9	mg/kg	01.04.2021 19:26		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**130**	49.9	mg/kg	01.04.2021 19:26		1
Total TPH	PHC635	**1060**	49.9	mg/kg	01.04.2021 19:26		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	94	%	70-130	01.04.2021 19:26	
o-Terphenyl	84-15-1	102	%	70-130	01.04.2021 19:26	

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Falcon Remediation

Sample Id:	**Trench-30 (5')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-184	Date Collected:	12.15.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	12.29.2020 11:00	% Moisture:	
Seq Number:	3146478			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	12.30.2020 22:08	U	1
Diesel Range Organics (DRO)	C10C28DRO	**63.5**	49.8	mg/kg	12.30.2020 22:08		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	12.30.2020 22:08	U	1
Total TPH	PHC635	**63.5**	49.8	mg/kg	12.30.2020 22:08		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	98	%	70-130	12.30.2020 22:08	
o-Terphenyl	84-15-1	95	%	70-130	12.30.2020 22:08	

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Falcon Remediation

Sample Id:	**Trench-31 (0-1')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-185	Date Collected:	12.15.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	12.29.2020 11:00	% Moisture:	
Seq Number:	3146478			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	12.30.2020 22:32	U	1
Diesel Range Organics (DRO)	C10C28DRO	**109**	49.9	mg/kg	12.30.2020 22:32		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	12.30.2020 22:32	U	1
Total TPH	PHC635	**109**	49.9	mg/kg	12.30.2020 22:32		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	89	%	70-130	12.30.2020 22:32	
o-Terphenyl	84-15-1	87	%	70-130	12.30.2020 22:32	

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Falcon Remediation

Sample Id:	**Trench-32 (0-1')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-190	Date Collected:	12.21.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	12.31.2020 11:00	% Moisture:	
Seq Number:	3146731			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	01.04.2021 19:45	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	01.04.2021 19:45	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	01.04.2021 19:45	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	01.04.2021 19:45	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	75	%	70-130	01.04.2021 19:45	
o-Terphenyl	84-15-1	77	%	70-130	01.04.2021 19:45	

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Falcon Remediation

Sample Id:	**H-1 (0-1')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-195	Date Collected:	12.16.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	12.31.2020 11:00	% Moisture:	
Seq Number:	3146731			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	01.04.2021 20:22	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	01.04.2021 20:22	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	01.04.2021 20:22	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	01.04.2021 20:22	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	78	%	70-130	01.04.2021 20:22	
o-Terphenyl	84-15-1	82	%	70-130	01.04.2021 20:22	

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Falcon Remediation

Sample Id:	**H-2(0-1')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-196	Date Collected:	12.16.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	12.31.2020 11:00	% Moisture:	
Seq Number:	3146731			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	01.04.2021 20:40	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	01.04.2021 20:40	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	01.04.2021 20:40	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	01.04.2021 20:40	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	84	%	70-130	01.04.2021 20:40	
o-Terphenyl	84-15-1	89	%	70-130	01.04.2021 20:40	

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Falcon Remediation

Sample Id:	**H-3 (0-1')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-197	Date Collected:	12.16.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	DVM	Date Prep:	12.31.2020 11:00	% Moisture:	
Seq Number:	3146734			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.31.2020 22:33	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	12.31.2020 22:33	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.31.2020 22:33	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	12.31.2020 22:33	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	101	%	70-130	12.31.2020 22:33	
o-Terphenyl	84-15-1	99	%	70-130	12.31.2020 22:33	

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Falcon Remediation

Sample Id:	**H-4 (0-1')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-198	Date Collected:	12.16.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	12.29.2020 11:00	% Moisture:	
Seq Number:	3146478			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.30.2020 22:55	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	12.30.2020 22:55	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.30.2020 22:55	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	12.30.2020 22:55	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	95	%	70-130	12.30.2020 22:55	
o-Terphenyl	84-15-1	92	%	70-130	12.30.2020 22:55	

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Falcon Remediation

Sample Id:	**H-5 (0-1')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-199	Date Collected:	12.16.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	12.29.2020 11:00	% Moisture:	
Seq Number:	3146478			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.30.2020 23:17	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	12.30.2020 23:17	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.30.2020 23:17	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	12.30.2020 23:17	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	107	%	70-130	12.30.2020 23:17	
o-Terphenyl	84-15-1	101	%	70-130	12.30.2020 23:17	

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Falcon Remediation

Sample Id:	**H-6 (0-1')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-200	Date Collected:	12.16.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	12.29.2020 11:00	% Moisture:	
Seq Number:	3146478			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	12.30.2020 23:39	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	12.30.2020 23:39	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	12.30.2020 23:39	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	12.30.2020 23:39	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	101	%	70-130	12.30.2020 23:39	
o-Terphenyl	84-15-1	98	%	70-130	12.30.2020 23:39	

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Falcon Remediation

Sample Id:	**H-7 (0-1')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-201	Date Collected:	12.16.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	12.29.2020 11:00	% Moisture:	
Seq Number:	3146478			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	12.31.2020 00:00	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	12.31.2020 00:00	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	12.31.2020 00:00	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	12.31.2020 00:00	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	109	%	70-130	12.31.2020 00:00	
o-Terphenyl	84-15-1	105	%	70-130	12.31.2020 00:00	

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Falcon Remediation

Sample Id:	**H-8 (0-1')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-202	Date Collected:	12.16.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	12.29.2020 11:00	% Moisture:	
Seq Number:	3146489			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.29.2020 16:40	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	12.29.2020 16:40	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.29.2020 16:40	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	12.29.2020 16:40	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	89	%	70-130	12.29.2020 16:40	
o-Terphenyl	84-15-1	95	%	70-130	12.29.2020 16:40	

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Falcon Remediation

Sample Id:	**H-9 (0-1')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-203	Date Collected:	12.16.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	12.29.2020 11:00	% Moisture:	
Seq Number:	3146489			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	12.29.2020 17:00	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	12.29.2020 17:00	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	12.29.2020 17:00	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	12.29.2020 17:00	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	90	%	70-130	12.29.2020 17:00	
o-Terphenyl	84-15-1	93	%	70-130	12.29.2020 17:00	

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Falcon Remediation

Sample Id:	**H-10 (0-1')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-204	Date Collected:	12.16.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	12.29.2020 11:00	% Moisture:	
Seq Number:	3146489			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.29.2020 17:20	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	12.29.2020 17:20	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.29.2020 17:20	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	12.29.2020 17:20	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	89	%	70-130	12.29.2020 17:20	
o-Terphenyl	84-15-1	93	%	70-130	12.29.2020 17:20	

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Falcon Remediation

Sample Id:	**H-11 (0-1')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-205	Date Collected:	12.16.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	12.29.2020 11:00	% Moisture:	
Seq Number:	3146489			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	12.29.2020 17:40	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	12.29.2020 17:40	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	12.29.2020 17:40	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	12.29.2020 17:40	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	87	%	70-130	12.29.2020 17:40	
o-Terphenyl	84-15-1	92	%	70-130	12.29.2020 17:40	

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Falcon Remediation

Sample Id:	**H-12 (0-1')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-206	Date Collected:	12.16.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	12.29.2020 11:00	% Moisture:	
Seq Number:	3146489			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**50.0**	50.0	mg/kg	12.29.2020 17:59		1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	12.29.2020 17:59	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.29.2020 17:59	U	1
Total TPH	PHC635	**50.0**	50.0	mg/kg	12.29.2020 17:59		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	90	%	70-130	12.29.2020 17:59	
o-Terphenyl	84-15-1	92	%	70-130	12.29.2020 17:59	

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Falcon Remediation

Sample Id:	**H-13 (0-1')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-207	Date Collected:	12.16.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	12.29.2020 11:00	% Moisture:	
Seq Number:	3146489			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	12.29.2020 18:38	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	12.29.2020 18:38	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	12.29.2020 18:38	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	12.29.2020 18:38	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	95	%	70-130	12.29.2020 18:38	
o-Terphenyl	84-15-1	98	%	70-130	12.29.2020 18:38	

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Falcon Remediation

Sample Id:	**H-14 (0-1')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-208	Date Collected:	12.16.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	12.29.2020 11:00	% Moisture:	
Seq Number:	3146489			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**61.0**	49.9	mg/kg	12.29.2020 18:57		1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	12.29.2020 18:57	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	12.29.2020 18:57	U	1
Total TPH	PHC635	**61.0**	49.9	mg/kg	12.29.2020 18:57		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	90	%	70-130	12.29.2020 18:57	
o-Terphenyl	84-15-1	93	%	70-130	12.29.2020 18:57	

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Falcon Remediation

Sample Id:	**H-15 (0-1')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-209	Date Collected:	12.16.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	12.29.2020 11:00	% Moisture:	
Seq Number:	3146489			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.29.2020 19:16	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	12.29.2020 19:16	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.29.2020 19:16	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	12.29.2020 19:16	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	87	%	70-130	12.29.2020 19:16	
o-Terphenyl	84-15-1	89	%	70-130	12.29.2020 19:16	

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Falcon Remediation

Sample Id:	**H-16(0-1')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-210	Date Collected:	12.16.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	12.29.2020 11:00	% Moisture:	
Seq Number:	3146489			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**60.9**	50.0	mg/kg	12.29.2020 19:36		1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	12.29.2020 19:36	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.29.2020 19:36	U	1
Total TPH	PHC635	**60.9**	50.0	mg/kg	12.29.2020 19:36		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	95	%	70-130	12.29.2020 19:36	
o-Terphenyl	84-15-1	100	%	70-130	12.29.2020 19:36	

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Falcon Remediation

Sample Id:	**H-17 (0-1')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-211	Date Collected:	12.16.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	12.29.2020 11:00	% Moisture:	
Seq Number:	3146489			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	12.29.2020 19:55	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	12.29.2020 19:55	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	12.29.2020 19:55	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	12.29.2020 19:55	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	90	%	70-130	12.29.2020 19:55	
o-Terphenyl	84-15-1	93	%	70-130	12.29.2020 19:55	

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Falcon Remediation

Sample Id:	**H-18 (0-1')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-212	Date Collected:	12.16.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	12.29.2020 11:00	% Moisture:	
Seq Number:	3146489			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	12.29.2020 20:15	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	12.29.2020 20:15	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	12.29.2020 20:15	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	12.29.2020 20:15	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	86	%	70-130	12.29.2020 20:15	
o-Terphenyl	84-15-1	90	%	70-130	12.29.2020 20:15	

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Falcon Remediation

Sample Id:	**H-19 (0-1')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-213	Date Collected:	12.16.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	12.29.2020 11:00	% Moisture:	
Seq Number:	3146489			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	12.29.2020 20:34	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	12.29.2020 20:34	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	12.29.2020 20:34	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	12.29.2020 20:34	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	83	%	70-130	12.29.2020 20:34	
o-Terphenyl	84-15-1	86	%	70-130	12.29.2020 20:34	

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Certificate of Analytical Results 682752

Tetra Tech- Midland, Midland, TX

Falcon Remediation

Sample Id:	**H-20 (0-1')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-214	Date Collected:	12.16.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	12.29.2020 11:00	% Moisture:	
Seq Number:	3146489			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**68.6**	49.9	mg/kg	12.29.2020 20:54		1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	12.29.2020 20:54	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	12.29.2020 20:54	U	1
Total TPH	PHC635	**68.6**	49.9	mg/kg	12.29.2020 20:54		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	89	%	70-130	12.29.2020 20:54	
o-Terphenyl	84-15-1	91	%	70-130	12.29.2020 20:54	

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Certificate of Analytical Results 682752

Tetra Tech- Midland, Midland, TX

Falcon Remediation

Sample Id:	**H-21(0-1')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-215	Date Collected:	12.16.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	12.29.2020 11:00	% Moisture:	
Seq Number:	3146489			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.29.2020 21:14	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	12.29.2020 21:14	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.29.2020 21:14	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	12.29.2020 21:14	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	82	%	70-130	12.29.2020 21:14	
o-Terphenyl	84-15-1	84	%	70-130	12.29.2020 21:14	

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Certificate of Analytical Results 682752

Tetra Tech- Midland, Midland, TX

Falcon Remediation

Sample Id:	**H-22(0-1')**	Matrix:	Soil	Date Received:	12.29.2020 08:54
Lab Sample Id:	682752-216	Date Collected:	12.16.2020 00:00	Sample Depth:	1 - 1 ft
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	12.29.2020 11:00	% Moisture:	
Seq Number:	3146489			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**58.9**	50.0	mg/kg	12.29.2020 21:33		1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	12.29.2020 21:33	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.29.2020 21:33	U	1
Total TPH	PHC635	**58.9**	50.0	mg/kg	12.29.2020 21:33		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	77	%	70-130	12.29.2020 21:33	
o-Terphenyl	84-15-1	77	%	70-130	12.29.2020 21:33	

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Flagging Criteria

X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.

D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

F RPD exceeded lab control limits.

J The target analyte was positively identified below the quantitation limit and above the detection limit.

U Analyte was not detected.

L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

K Sample analyzed outside of recommended hold time.

JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

** Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit. **ND** Not Detected.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

SMP Client Sample **BLK** Method Blank

BKS/LCS Blank Spike/Laboratory Control Sample **BKSD/LCSD** Blank Spike Duplicate/Laboratory Control Sample Duplicate

MD/SD Method Duplicate/Sample Duplicate **MS** Matrix Spike **MSD:** Matrix Spike Duplicate

+ NELAC certification not offered for this compound.

* (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

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QC Summary 682752

Tetra Tech- Midland

Falcon Remediation

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3146489 — Matrix: Solid — Date Prep: 12.29.2020
MB Sample Id: 7718116-1-BLK — LCS Sample Id: 7718116-1-BKS — LCSD Sample Id: 7718116-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<50.0	1000	782	78	770	77	70-130	2	20	mg/kg	12.29.2020 13:43	
Diesel Range Organics (DRO)	<50.0	1000	956	96	867	87	70-130	10	20	mg/kg	12.29.2020 13:43	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	89		40	**	93		70-130	%	12.29.2020 13:43
o-Terphenyl	99		127		82		70-130	%	12.29.2020 13:43

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3146640 — Matrix: Solid — Date Prep: 12.29.2020
MB Sample Id: 7718122-1-BLK — LCS Sample Id: 7718122-1-BKS — LCSD Sample Id: 7718122-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<50.0	1000	958	96	968	97	70-130	1	20	mg/kg	12.29.2020 22:32	
Diesel Range Organics (DRO)	<50.0	1000	1280	128	820	82	70-130	44	20	mg/kg	12.29.2020 22:32	F

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	74		118		112		70-130	%	12.29.2020 22:32
o-Terphenyl	82		99		98		70-130	%	12.29.2020 22:32

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3146436 — Matrix: Solid — Date Prep: 12.29.2020
MB Sample Id: 7718119-1-BLK — LCS Sample Id: 7718119-1-BKS — LCSD Sample Id: 7718119-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<50.0	1000	1250	125	1240	124	70-130	1	20	mg/kg	12.29.2020 23:10	
Diesel Range Organics (DRO)	<50.0	1000	861	86	866	87	70-130	1	20	mg/kg	12.29.2020 23:10	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	95		102		114		70-130	%	12.29.2020 23:10
o-Terphenyl	94		99		97		70-130	%	12.29.2020 23:10

MS/MSD Percent Recovery — [D] = 100*(C-A) / B — LCS = Laboratory Control Sample — MS = Matrix Spike
Relative Percent Difference — RPD = 200* | (C-E) / (C+E) | — A = Parent Result — B = Spike Added
LCS/LCSD Recovery — [D] = 100 * (C) / [B] — C = MS/LCS Result — D = MSD/LCSD % Rec
Log Difference — Log Diff. = Log(Sample Duplicate) - Log(Original Sample) — E = MSD/LCSD Result

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QC Summary 682752

Tetra Tech- Midland

Falcon Remediation

Analytical Method: **TPH By SW8015 Mod** Prep Method: SW8015P
Seq Number: 3146642 Matrix: Solid Date Prep: 12.29.2020
MB Sample Id: 7718124-1-BLK LCS Sample Id: 7718124-1-BKS LCSD Sample Id: 7718124-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<50.0	1000	915	92	1000	100	70-130	9	20	mg/kg	12.30.2020 07:17	
Diesel Range Organics (DRO)	<50.0	1000	908	91	955	96	70-130	5	20	mg/kg	12.30.2020 07:17	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	81		106		95		70-130	%	12.30.2020 07:17
o-Terphenyl	89		136	**	38	**	70-130	%	12.30.2020 07:17

Analytical Method: **TPH By SW8015 Mod** Prep Method: SW8015P
Seq Number: 3146648 Matrix: Solid Date Prep: 12.29.2020
MB Sample Id: 7718206-1-BLK LCS Sample Id: 7718206-1-BKS LCSD Sample Id: 7718206-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<50.0	1000	804	80	792	79	70-130	2	20	mg/kg	12.30.2020 20:26	
Diesel Range Organics (DRO)	<50.0	1000	846	85	813	81	70-130	4	20	mg/kg	12.30.2020 20:26	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	80		130		130		70-130	%	12.30.2020 20:26
o-Terphenyl	89		113		112		70-130	%	12.30.2020 20:26

Analytical Method: **TPH By SW8015 Mod** Prep Method: SW8015P
Seq Number: 3146478 Matrix: Solid Date Prep: 12.30.2020
MB Sample Id: 7718200-1-BLK LCS Sample Id: 7718200-1-BKS LCSD Sample Id: 7718200-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<50.0	1000	1300	130	1140	114	70-130	13	20	mg/kg	12.30.2020 14:51	
Diesel Range Organics (DRO)	<50.0	1000	986	99	1040	104	70-130	5	20	mg/kg	12.30.2020 14:51	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	155	**	175	**	185	**	70-130	%	12.30.2020 14:51
o-Terphenyl	129		139	**	140	**	70-130	%	12.30.2020 14:51

MS/MSD Percent Recovery [D] = 100*(C-A) / B
Relative Percent Difference RPD = 200* | (C-E) / (C+E) |
LCS/LCSD Recovery [D] = 100 * (C) / [B]
Log Difference Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
A = Parent Result
C = MS/LCS Result
E = MSD/LCSD Result

MS = Matrix Spike
B = Spike Added
D = MSD/LCSD % Rec

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QC Summary 682752

Tetra Tech- Midland

Falcon Remediation

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3146731 — Matrix: Solid — Date Prep: 12.31.2020
MB Sample Id: 7718411-1-BLK — LCS Sample Id: 7718411-1-BKS — LCSD Sample Id: 7718411-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<50.0	1000	871	87	810	81	70-130	7	20	mg/kg	01.04.2021 15:47	
Diesel Range Organics (DRO)	<50.0	1000	880	88	817	82	70-130	7	20	mg/kg	01.04.2021 15:47	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	75		99		84		70-130	%	01.04.2021 15:47
o-Terphenyl	88		84		79		70-130	%	01.04.2021 15:47

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3146734 — Matrix: Solid — Date Prep: 12.31.2020
MB Sample Id: 7718333-1-BLK — LCS Sample Id: 7718333-1-BKS — LCSD Sample Id: 7718333-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<50.0	1000	966	97	946	95	70-130	2	20	mg/kg	12.31.2020 13:24	
Diesel Range Organics (DRO)	<50.0	1000	1060	106	1090	109	70-130	3	20	mg/kg	12.31.2020 13:24	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	100		134	**	128		70-130	%	12.31.2020 13:24
o-Terphenyl	101		115		110		70-130	%	12.31.2020 13:24

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3147379 — Matrix: Solid — Date Prep: 01.08.2021
MB Sample Id: 7718853-1-BLK — LCS Sample Id: 7718853-1-BKS — LCSD Sample Id: 7718853-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<50.0	1000	984	98	968	97	70-130	2	20	mg/kg	01.09.2021 00:03	
Diesel Range Organics (DRO)	<50.0	1000	953	95	977	98	70-130	2	20	mg/kg	01.09.2021 00:03	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	94		97		100		70-130	%	01.09.2021 00:03
o-Terphenyl	102		95		100		70-130	%	01.09.2021 00:03

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3146489 — Matrix: Solid — Date Prep: 12.29.2020
MB Sample Id: 7718116-1-BLK

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	12.29.2020 13:23	

MS/MSD Percent Recovery [D] = 100*(C-A) / B
Relative Percent Difference RPD = 200* | (C-E) / (C+E) |
LCS/LCSD Recovery [D] = 100 * (C) / [B]
Log Difference Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
A = Parent Result
C = MS/LCS Result
E = MSD/LCSD Result

MS = Matrix Spike
B = Spike Added
D = MSD/LCSD % Rec

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QC Summary 682752

Tetra Tech- Midland

Falcon Remediation

Analytical Method: **TPH By SW8015 Mod** Prep Method: SW8015P
Seq Number: 3146640 Matrix: Solid Date Prep: 12.29.2020
MB Sample Id: 7718122-1-BLK

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	12.29.2020 22:12	

Analytical Method: **TPH By SW8015 Mod** Prep Method: SW8015P
Seq Number: 3146436 Matrix: Solid Date Prep: 12.29.2020
MB Sample Id: 7718119-1-BLK

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	12.29.2020 22:48	

Analytical Method: **TPH By SW8015 Mod** Prep Method: SW8015P
Seq Number: 3146642 Matrix: Solid Date Prep: 12.29.2020
MB Sample Id: 7718124-1-BLK

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	12.30.2020 06:57	

Analytical Method: **TPH By SW8015 Mod** Prep Method: SW8015P
Seq Number: 3146648 Matrix: Solid Date Prep: 12.29.2020
MB Sample Id: 7718206-1-BLK

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	12.30.2020 20:06	

Analytical Method: **TPH By SW8015 Mod** Prep Method: SW8015P
Seq Number: 3146478 Matrix: Solid Date Prep: 12.30.2020
MB Sample Id: 7718200-1-BLK

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	12.30.2020 14:28	

Analytical Method: **TPH By SW8015 Mod** Prep Method: SW8015P
Seq Number: 3146731 Matrix: Solid Date Prep: 12.31.2020
MB Sample Id: 7718411-1-BLK

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	01.04.2021 15:29	

MS/MSD Percent Recovery	[D] = 100*(C-A) / B	LCS = Laboratory Control Sample	MS = Matrix Spike
Relative Percent Difference	RPD = 200* | (C-E) / (C+E) |	A = Parent Result	B = Spike Added
LCS/LCSD Recovery	[D] = 100 * (C) / [B]	C = MS/LCS Result	D = MSD/LCSD % Rec
Log Difference	Log Diff. = Log(Sample Duplicate) - Log(Original Sample)	E = MSD/LCSD Result	

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QC Summary 682752

Tetra Tech- Midland

Falcon Remediation

Analytical Method: **TPH By SW8015 Mod** Prep Method: SW8015P
Seq Number: 3146734 Matrix: Solid Date Prep: 12.31.2020
MB Sample Id: 7718333-1-BLK

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	12.31.2020 13:01	

Analytical Method: **TPH By SW8015 Mod** Prep Method: SW8015P
Seq Number: 3147379 Matrix: Solid Date Prep: 01.08.2021
MB Sample Id: 7718853-1-BLK

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	01.08.2021 23:41	

Analytical Method: **TPH By SW8015 Mod** Prep Method: SW8015P
Seq Number: 3146489 Matrix: Soil Date Prep: 12.29.2020
Parent Sample Id: 682377-027 MS Sample Id: 682377-027 S MSD Sample Id: 682377-027 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<49.9	997	1100	110	<50.0	0	70-130	200	20	mg/kg	12.29.2020 14:42	XF
Diesel Range Organics (DRO)	<49.9	997	889	89	20.4	2	70-130	191	20	mg/kg	12.29.2020 14:42	XF

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	87		0	**	70-130	%	12.29.2020 14:42
o-Terphenyl	95		0	**	70-130	%	12.29.2020 14:42

Analytical Method: **TPH By SW8015 Mod** Prep Method: SW8015P
Seq Number: 3146640 Matrix: Soil Date Prep: 12.29.2020
Parent Sample Id: 682752-001 MS Sample Id: 682752-001 S MSD Sample Id: 682752-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	53.9	997	751	70	929	88	70-130	21	20	mg/kg	12.29.2020 23:31	F
Diesel Range Organics (DRO)	<49.9	997	955	96	1060	106	70-130	10	20	mg/kg	12.29.2020 23:31	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	35	**	115		70-130	%	12.29.2020 23:31
o-Terphenyl	104		104		70-130	%	12.29.2020 23:31

MS/MSD Percent Recovery [D] = 100*(C-A) / B
Relative Percent Difference RPD = 200* | (C-E) / (C+E) |
LCS/LCSD Recovery [D] = 100 * (C) / [B]
Log Difference Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
A = Parent Result
C = MS/LCS Result
E = MSD/LCSD Result

MS = Matrix Spike
B = Spike Added
D = MSD/LCSD % Rec

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QC Summary 682752

Tetra Tech- Midland

Falcon Remediation

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3146436 — Matrix: Soil — Date Prep: 12.29.2020
Parent Sample Id: 682752-058 — MS Sample Id: 682752-058 S — MSD Sample Id: 682752-058 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<49.9	998	1240	124	2350	235	70-130	62	20	mg/kg	12.30.2020 00:19	XF
Diesel Range Organics (DRO)	<49.9	998	952	95	966	97	70-130	1	20	mg/kg	12.30.2020 00:19	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	102		115		70-130	%	12.30.2020 00:19
o-Terphenyl	93		93		70-130	%	12.30.2020 00:19

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3146642 — Matrix: Soil — Date Prep: 12.29.2020
Parent Sample Id: 682752-025 — MS Sample Id: 682752-025 S — MSD Sample Id: 682752-025 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<49.9	997	1320	132	1030	103	70-130	25	20	mg/kg	12.30.2020 08:15	XF
Diesel Range Organics (DRO)	50.0	997	990	94	950	90	70-130	4	20	mg/kg	12.30.2020 08:15	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	83		78		70-130	%	12.30.2020 08:15
o-Terphenyl	109		113		70-130	%	12.30.2020 08:15

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3146648 — Matrix: Soil — Date Prep: 12.29.2020
Parent Sample Id: 682752-089 — MS Sample Id: 682752-089 S — MSD Sample Id: 682752-089 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	167	998	905	74	899	73	70-130	1	20	mg/kg	12.30.2020 21:24	
Diesel Range Organics (DRO)	2220	998	2730	51	2730	51	70-130	0	20	mg/kg	12.30.2020 21:24	X

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	165	**	164	**	70-130	%	12.30.2020 21:24
o-Terphenyl	200	**	82		70-130	%	12.30.2020 21:24

MS/MSD Percent Recovery — [D] = 100*(C-A) / B — LCS = Laboratory Control Sample — MS = Matrix Spike
Relative Percent Difference — RPD = 200* | (C-E) / (C+E) | — A = Parent Result — B = Spike Added
LCS/LCSD Recovery — [D] = 100 * (C) / [B] — C = MS/LCS Result — D = MSD/LCSD % Rec
Log Difference — Log Diff. = Log(Sample Duplicate) - Log(Original Sample) — E = MSD/LCSD Result

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QC Summary 682752

Tetra Tech- Midland

Falcon Remediation

Analytical Method: **TPH By SW8015 Mod** Prep Method: SW8015P
Seq Number: 3146478 Matrix: Soil Date Prep: 12.30.2020
Parent Sample Id: 682902-001 MS Sample Id: 682902-001 S MSD Sample Id: 682902-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<50.0	1000	1220	122	1150	115	70-130	6	20	mg/kg	12.30.2020 16:00	
Diesel Range Organics (DRO)	53.2	1000	1020	97	1080	103	70-130	6	20	mg/kg	12.30.2020 16:00	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	194	**	165	**	70-130	%	12.30.2020 16:00
o-Terphenyl	160	**	129		70-130	%	12.30.2020 16:00

Analytical Method: **TPH By SW8015 Mod** Prep Method: SW8015P
Seq Number: 3146731 Matrix: Soil Date Prep: 12.31.2020
Parent Sample Id: 682752-175 MS Sample Id: 682752-175 S MSD Sample Id: 682752-175 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<49.9	998	948	95	973	98	70-130	3	20	mg/kg	01.04.2021 16:42	
Diesel Range Organics (DRO)	<49.9	998	984	99	1000	100	70-130	2	20	mg/kg	01.04.2021 16:42	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	109		103		70-130	%	01.04.2021 16:42
o-Terphenyl	101		101		70-130	%	01.04.2021 16:42

Analytical Method: **TPH By SW8015 Mod** Prep Method: SW8015P
Seq Number: 3146734 Matrix: Soil Date Prep: 12.31.2020
Parent Sample Id: 682752-098 MS Sample Id: 682752-098 S MSD Sample Id: 682752-098 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<49.9	997	947	95	1010	101	70-130	6	20	mg/kg	12.31.2020 14:34	
Diesel Range Organics (DRO)	<49.9	997	986	99	993	99	70-130	1	20	mg/kg	12.31.2020 14:34	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	127		118		70-130	%	12.31.2020 14:34
o-Terphenyl	103		96		70-130	%	12.31.2020 14:34

MS/MSD Percent Recovery [D] = 100*(C-A) / B
Relative Percent Difference RPD = 200* | (C-E) / (C+E) |
LCS/LCSD Recovery [D] = 100 * (C) / [B]
Log Difference Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
A = Parent Result
C = MS/LCS Result
E = MSD/LCSD Result

MS = Matrix Spike
B = Spike Added
D = MSD/LCSD % Rec

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QC Summary 682752

Tetra Tech- Midland

Falcon Remediation

Analytical Method: **TPH By SW8015 Mod** Prep Method: SW8015P
Seq Number: 3147379 Matrix: Soil Date Prep: 01.08.2021
Parent Sample Id: 683755-002 MS Sample Id: 683755-002 S MSD Sample Id: 683755-002 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<49.9	997	968	97	931	93	70-130	4	20	mg/kg	01.09.2021 01:08	
Diesel Range Organics (DRO)	<49.9	997	977	98	914	92	70-130	7	20	mg/kg	01.09.2021 01:08	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	92		89		70-130	%	01.09.2021 01:08
o-Terphenyl	94		86		70-130	%	01.09.2021 01:08

Analytical Method: **BTEX by EPA 8021B** Prep Method: SW5035A
Seq Number: 3146363 Matrix: Solid Date Prep: 12.29.2020
MB Sample Id: 7718144-1-BLK LCS Sample Id: 7718144-1-BKS LCSD Sample Id: 7718144-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.100	0.0854	85	0.0845	85	70-130	1	35	mg/kg	12.29.2020 16:00	
Toluene	<0.00200	0.100	0.0805	81	0.0901	90	70-130	11	35	mg/kg	12.29.2020 16:00	
Ethylbenzene	<0.00200	0.100	0.0936	94	0.0836	84	70-130	11	35	mg/kg	12.29.2020 16:00	
m,p-Xylenes	<0.00400	0.200	0.190	95	0.168	84	70-130	12	35	mg/kg	12.29.2020 16:00	
o-Xylene	<0.00200	0.100	0.0950	95	0.0878	88	70-130	8	35	mg/kg	12.29.2020 16:00	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	89		95		90		70-130	%	12.29.2020 16:00
4-Bromofluorobenzene	74		111		107		70-130	%	12.29.2020 16:00

Analytical Method: **BTEX by EPA 8021B** Prep Method: SW5035A
Seq Number: 3146468 Matrix: Solid Date Prep: 12.30.2020
MB Sample Id: 7718212-1-BLK LCS Sample Id: 7718212-1-BKS LCSD Sample Id: 7718212-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.100	0.0896	90	0.0923	92	70-130	3	35	mg/kg	12.30.2020 09:51	
Toluene	<0.00200	0.100	0.0982	98	0.101	101	70-130	3	35	mg/kg	12.30.2020 09:51	
Ethylbenzene	<0.00200	0.100	0.0994	99	0.103	103	70-130	4	35	mg/kg	12.30.2020 09:51	
m,p-Xylenes	<0.00400	0.200	0.202	101	0.208	104	70-130	3	35	mg/kg	12.30.2020 09:51	
o-Xylene	<0.00200	0.100	0.102	102	0.105	105	70-130	3	35	mg/kg	12.30.2020 09:51	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	93		102		104		70-130	%	12.30.2020 09:51
4-Bromofluorobenzene	76		115		114		70-130	%	12.30.2020 09:51

MS/MSD Percent Recovery [D] = 100*(C-A) / B
Relative Percent Difference RPD = 200* | (C-E) / (C+E) |
LCS/LCSD Recovery [D] = 100 * (C) / [B]
Log Difference Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
A = Parent Result
C = MS/LCS Result
E = MSD/LCSD Result

MS = Matrix Spike
B = Spike Added
D = MSD/LCSD % Rec

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QC Summary 682752

Tetra Tech- Midland

Falcon Remediation

Analytical Method: **BTEX by EPA 8021B** Prep Method: SW5035A

Seq Number: 3146700 Matrix: Solid Date Prep: 12.30.2020

MB Sample Id: 7718412-1-BLK LCS Sample Id: 7718412-1-BKS LCSD Sample Id: 7718412-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.100	0.0754	75	0.0800	80	70-130	6	35	mg/kg	12.30.2020 09:29	
Toluene	<0.00200	0.100	0.0743	74	0.0789	79	70-130	6	35	mg/kg	12.30.2020 09:29	
Ethylbenzene	<0.00200	0.100	0.0793	79	0.0844	84	70-130	6	35	mg/kg	12.30.2020 09:29	
m,p-Xylenes	<0.00400	0.200	0.160	80	0.170	85	70-130	6	35	mg/kg	12.30.2020 09:29	
o-Xylene	<0.00200	0.100	0.0812	81	0.0866	87	70-130	6	35	mg/kg	12.30.2020 09:29	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	92		98		98		70-130	%	12.30.2020 09:29
4-Bromofluorobenzene	105		101		101		70-130	%	12.30.2020 09:29

Analytical Method: **BTEX by EPA 8021B** Prep Method: SW5035A

Seq Number: 3146363 Matrix: Soil Date Prep: 12.29.2020

Parent Sample Id: 682752-118 MS Sample Id: 682752-118 S MSD Sample Id: 682752-118 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00198	0.0992	0.0819	83	0.0880	87	70-130	7	35	mg/kg	12.29.2020 16:56	
Toluene	<0.00198	0.0992	0.0895	90	0.0885	88	70-130	1	35	mg/kg	12.29.2020 16:56	
Ethylbenzene	<0.00198	0.0992	0.0895	90	0.0935	93	70-130	4	35	mg/kg	12.29.2020 16:56	
m,p-Xylenes	<0.00397	0.198	0.181	91	0.189	94	70-130	4	35	mg/kg	12.29.2020 16:56	
o-Xylene	<0.00198	0.0992	0.0900	91	0.0987	98	70-130	9	35	mg/kg	12.29.2020 16:56	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	99		104		70-130	%	12.29.2020 16:56
4-Bromofluorobenzene	118		110		70-130	%	12.29.2020 16:56

Analytical Method: **BTEX by EPA 8021B** Prep Method: SW5035A

Seq Number: 3146468 Matrix: Soil Date Prep: 12.30.2020

Parent Sample Id: 682752-046 MS Sample Id: 682752-046 S MSD Sample Id: 682752-046 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00199	0.0994	0.0709	71	0.0910	92	70-130	25	35	mg/kg	12.30.2020 10:43	
Toluene	<0.00199	0.0994	0.0774	78	0.0997	101	70-130	25	35	mg/kg	12.30.2020 10:43	
Ethylbenzene	<0.00199	0.0994	0.0727	73	0.0918	93	70-130	23	35	mg/kg	12.30.2020 10:43	
m,p-Xylenes	<0.00398	0.199	0.148	74	0.188	95	70-130	24	35	mg/kg	12.30.2020 10:43	
o-Xylene	<0.00199	0.0994	0.0747	75	0.0954	96	70-130	24	35	mg/kg	12.30.2020 10:43	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	96		101		70-130	%	12.30.2020 10:43
4-Bromofluorobenzene	96		132	**	70-130	%	12.30.2020 10:43

MS/MSD Percent Recovery [D] = 100*(C-A) / B

Relative Percent Difference RPD = 200* | (C-E) / (C+E) |

LCS/LCSD Recovery [D] = 100 * (C) / [B]

Log Difference Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample

A = Parent Result

C = MS/LCS Result

E = MSD/LCSD Result

MS = Matrix Spike

B = Spike Added

D = MSD/LCSD % Rec

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QC Summary 682752

Tetra Tech- Midland

Falcon Remediation

Analytical Method: **BTEX by EPA 8021B** Prep Method: SW5035A

Seq Number: 3146700 Matrix: Soil Date Prep: 12.30.2020

Parent Sample Id: 682811-013 MS Sample Id: 682811-013 S MSD Sample Id: 682811-013 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00199	0.0994	0.0682	69	0.0632	63	70-130	8	35	mg/kg	12.30.2020 10:10	X
Toluene	<0.00199	0.0994	0.0574	58	0.0503	50	70-130	13	35	mg/kg	12.30.2020 10:10	X
Ethylbenzene	<0.00199	0.0994	0.0499	50	0.0410	41	70-130	20	35	mg/kg	12.30.2020 10:10	X
m,p-Xylenes	<0.00398	0.199	0.0993	50	0.0816	40	70-130	20	35	mg/kg	12.30.2020 10:10	X
o-Xylene	<0.00199	0.0994	0.0509	51	0.0418	41	70-130	20	35	mg/kg	12.30.2020 10:10	X

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	99		101		70-130	%	12.30.2020 10:10
4-Bromofluorobenzene	107		102		70-130	%	12.30.2020 10:10

MS/MSD Percent Recovery [D] = 100*(C-A) / B

Relative Percent Difference RPD = 200* | (C-E) / (C+E) |

LCS/LCSD Recovery [D] = 100 * (C) / [B]

Log Difference Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample

A = Parent Result

C = MS/LCS Result

E = MSD/LCSD Result

MS = Matrix Spike

B = Spike Added

D = MSD/LCSD % Rec

Page 386 of 821

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

901 W Wall St. Suite 100
Midland,Texas 79701
Tel (432) 682-4559
Fax (432) 682-3946

682752

Client Name: EnLink	**Site Manager:** Brittany Long
Project Name: Falcon Remediation	
Project Location: (county, state) Eddy County, New Mexico	**Project #:** 212C-MD-02376
Invoice to: Mike Luckett, EnLink	
Receiving Laboratory: Xenco	**Sampler Signature:** Conner Moehring
Comments:	

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD	PRESERVATIVE METHOD	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance					Hold
	Trench-1 (0-1')	12/15/2020			X				X			1				X																				
	Trench-1 (1')	12/15/2020			X				X			1				X																				
	Trench-1 (2')	12/15/2020			X				X			1				X																				
	Trench-1 (3')	12/15/2020			X				X			1				X																				
	Trench-1 (4')	12/15/2020			X				X			1				X																				
	Trench-2 (0-1')	12/15/2020			X				X			1				X																				
	Trench-2 (1')	12/15/2020			X				X			1																								
	Trench-2 (2')	12/15/2020			X				X			1																								X
	Trench-2 (3')	12/15/2020			X				X			1																								X
	Trench-2 (4')	12/15/2020			X				X			1																								X

ANALYSIS REQUEST
(Circle or Specify Method No.)

Relinquished by: Conner Moehring	Date: 12/29/20	Time:	Received by:	Date: 12/29/20	Time: 8:54
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

LAB USE ONLY

Sample Temperature: 3.5

REMARKS: STANDARD

☐ **RUSH:** Same Day 24 hr 48 hr 72 hr

☐ Rush Charges Authorized

☐ Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #: _____

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Page 182 of 204
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Page 387 of 821

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

901 W Wall St. Suite 100
Midland,Texas 79701
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: EnLink	**Site Manager:** Brittany Long
Project Name: Falcon Remediation	
Project Location: (county, state) Eddy County, New Mexico	**Project #:** 212C-MD-02376
Invoice to: Mike Luckett, EnLink	
Receiving Laboratory: Xenco	**Sampler Signature:** Conner Moehring
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD	PRESERVATIVE METHOD	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance				Hold
	Trench-3 (0-1')	12/21/2020			X				X			1				X																			
	Trench-3 (1')	12/21/2020			X				X			1				X																			
	Trench-3 (2')	12/21/2020			X				X			1				X																			
	Trench-3 (3')	12/21/2020			X				X			1				X																			
	Trench-3 (4')	12/21/2020			X				X			1				X																			
	Trench-4 (0-1')	12/21/2020			X				X			1				X																			
	Trench-4 (1')	12/21/2020			X				X			1				X																			
	Trench-4 (2')	12/21/2020			X				X			1				X																			
	Trench-4 (3')	12/21/2020			X				X			1				X																			
	Trench-4 (4')	12/21/2020			X				X			1				X																			

Relinquished by: Donna Morling	Date: 12/29/20	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:

Received by: Date: 12/29/20 Time: 8:54

LAB USE ONLY
Sample Temperature

REMARKS: STANDARD

☐ **RUSH:** Same Day 24 hr 48 hr 72 hr

☐ Rush Charges Authorized

☐ Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #: _____

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Page 183 of 204
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Page 388 of 821

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

901 W Wall St. Suite 100
Midland,Texas 79701
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: EnLink	**Site Manager:** Brittany Long
Project Name: Falcon Remediation	
Project Location: (county, state) Eddy County, New Mexico	**Project #:** 212C-MD-02376
Invoice to: Mike Luckett, EnLink	
Receiving Laboratory: Xenco	**Sampler Signature:** Conner Moehring
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance				Hold
	Trench-5 (0-1')	12/21/2020			X			X	1				X																			
	Trench-5 (1')	12/21/2020			X			X	1				X																			
	Trench-5 (2')	12/21/2020			X			X	1				X																			
	Trench-5 (3')	12/21/2020			X			X	1				X																			
	Trench-5 (4')	12/21/2020			X			X	1				X																			
	Trench-6 (0-1')	12/21/2020			X			X	1				X																			
	Trench-6 (1')	12/21/2020			X			X	1				X																			
	Trench-6 (2')	12/21/2020			X			X	1				X																			
	Trench-6 (3')	12/21/2020			X			X	1				X																			
	Trench-6 (4')	12/21/2020			X			X	1				X																			

Relinquished by: Conner Moehring	Date: 12/29/20	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:

Received by: Date: 12/29/20 Time: 8:54

Date: Time:

LAB USE ONLY

Sample Temperature

REMARKS: STANDARD

☐ RUSH: Same Day 24 hr 48 hr 72 hr

☐ Rush Charges Authorized

☐ Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #: _____

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Page 184 of 204
Final 1.001
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Page 389 of 821

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

901 W Wall St. Suite 100
Midland,Texas 79701
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: EnLink	**Site Manager:** Brittany Long
Project Name: Falcon Remediation	
Project Location: (county, state) Eddy County, New Mexico	**Project #:** 212C-MD-02376
Invoice to: Mike Luckett, EnLink	
Receiving Laboratory: Xenco	**Sampler Signature:** Conner Moehring
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD	PRESERVATIVE METHOD	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B / BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance				Hold
	Trench-7 (0-1')	12/21/2020			X				X			1																							X
	Trench-7 (1')	12/21/2020			X				X			1																							X
	Trench-7 (2')	12/21/2020			X				X			1																							X
	Trench-7 (3')	12/21/2020			X				X			1				X																			
	Trench-7 (4')	12/21/2020			X				X			1				X																			
	Trench-7 (5')	12/21/2020			X				X			1				X																			
	Trench-8 (0-1')	12/21/2020			X				X			1																							X
	Trench-8 (1')	12/21/2020			X				X			1																							X
	Trench-8 (2')	12/21/2020			X				X			1																							X
	Trench-8 (3')	12/21/2020			X				X			1				X																			

Relinquished by: Conner Moehring	Date: 12/29/20	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:

Date: 12/29/20 Time: 8:54

LAB USE ONLY
Sample Temperature

REMARKS: STANDARD

☐ RUSH: Same Day 24 hr 48 hr 72 hr

☐ Rush Charges Authorized

☐ Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #: _____

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Page 185 of 204

Page 390 of 821

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

901 W Wall St. Suite 100
Midland,Texas 79701
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: EnLink	**Site Manager:** Brittany Long
Project Name: Falcon Remediation	
Project Location: (county, state) Eddy County, New Mexico	**Project #:** 212C-MD-02376
Invoice to: Mike Luckett, EnLink	
Receiving Laboratory: Xenco	**Sampler Signature:** Conner Moehring
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD	PRESERVATIVE METHOD	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance					Hold
	Trench-8 (4')	12/21/2020			X				X			1				X																				
	Trench-8 (5')	12/21/2020			X				X			1				X																				
	Trench-9 (0-1')	12/21/2020			X				X			1																								X
	Trench-9 (1')	12/21/2020			X				X			1																								X
	Trench-9 (2')	12/21/2020			X				X			1																								X
	Trench-9 (3')	12/21/2020			X				X			1		X		X																				
	Trench-9 (4')	12/21/2020			X				X			1		X		X																				
	Trench-9 (5')	12/21/2020			X				X			1		X		X																				
	Trench-10 (0-1')	12/21/2020			X				X			1																								X
	Trench-10 (1')	12/21/2020			X				X			1		X		X																				

Relinquished by: Donna Mcalpine	Date: 12/29/20	Time:	Received by:	Date: 12/29/20	Time: 8:15
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

LAB USE ONLY
Sample Temperature

REMARKS: STANDARD

☐ RUSH: Same Day 24 hr 48 hr 72 hr

☐ Rush Charges Authorized

☐ Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #: _____

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Page 186 of 204
Released to Imaging: 1/6/2022 8:12:55 AM

Page 391 of 821

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

901 W Wall St. Suite 100
Midland,Texas 79701
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: EnLink	**Site Manager:** Brittany Long
Project Name: Falcon Remediation	
Project Location: (county, state) Eddy County, New Mexico	**Project #:** 212C-MD-02376
Invoice to: Mike Luckett, EnLink	
Receiving Laboratory: Xenco	**Sampler Signature:** Conner Moehring
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD	PRESERVATIVE METHOD	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance				Hold
	Trench-10 (2')	12/21/2020			X				X			1		X		X																			
	Trench-10 (3')	12/21/2020			X				X			1		X		X																			
	Trench-10 (4')	12/21/2020			X				X			1																							X
	Trench-11 (0-1')	12/21/2020			X				X			1																							X
	Trench-11 (1')	12/21/2020			X				X			1																							X
	Trench-11 (2')	12/21/2020			X				X			1				X																			
	Trench-11 (3')	12/21/2020			X				X			1				X																			
	Trench-11 (4')	12/21/2020			X				X			1				X																			
	Trench-12 (0-1')	12/21/2020			X				X			1																							X
	Trench-12 (1')	12/21/2020			X				X			1																							X

Relinquished by: Conner Moehring	Date: 12/21/20	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:

Date: 12/22/20 Time: 8:54

LAB USE ONLY
Sample Temperature

REMARKS: STANDARD

☐ RUSH: Same Day 24 hr 48 hr 72 hr

☐ Rush Charges Authorized

☐ Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #: _____

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Page 187 of 204
Final 1.001
Released to Imaging: 1/6/2022 8:12:55 AM

Page 392 of 821

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

901 W Wall St. Suite 100
Midland,Texas 79701
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: EnLink	**Site Manager:** Brittany Long
Project Name: Falcon Remediation	
Project Location: (county, state) Eddy County, New Mexico	**Project #:** 212C-MD-02376
Invoice to: Mike Luckett, EnLink	
Receiving Laboratory: Xenco	**Sampler Signature:** Conner Moehring
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance				Hold
	Trench-12 (2')	12/21/2020			X				X		1																							X
	Trench-12 (3')	12/21/2020			X				X		1																							X
	Trench-12 (4')	12/21/2020			X				X		1				X																			
	Trench-12 (5')	12/21/2020			X				X		1				X																			
	Trench-12 (6')	12/21/2020			X				X		1				X																			
	Trench-13 (0-1')	12/21/2020			X				X		1																							X
	Trench-13 (1')	12/21/2020			X				X		1																							X
	Trench-13 (2')	12/21/2020			X				X		1																							X
	Trench-13 (3')	12/21/2020			X				X		1																							X
	Trench-13 (4')	12/21/2020			X				X		1				X																			

Relinquished by: Brittany Long	Date: 12/29/20	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:

Date: 12/29/20 Time: 0:54

LAB USE ONLY
Sample Temperature

REMARKS: STANDARD

☐ **RUSH:** Same Day 24 hr 48 hr 72 hr

☐ Rush Charges Authorized

☐ Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #: _____

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Received by OCD: 9/14/2021 1:19:28 PM
Final 1.001
Page 188 of 204
Released to Imaging: 1/6/2022 8:12:55 AM

Page 393 of 821

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

901 W Wall St. Suite 100
Midland,Texas 79701
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: EnLink	**Site Manager:** Brittany Long
Project Name: Falcon Remediation	
Project Location: (county, state) Eddy County, New Mexico	**Project #:** 212C-MD-02376
Invoice to: Mike Luckett, EnLink	
Receiving Laboratory: Xenco	**Sampler Signature:** Conner Moehring
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance				Hold
	Trench-13 (5')	12/21/2020			X			X	1				X																			
	Trench-13 (6')	12/21/2020			X			X	1				X																			
	Trench-13 (7')	12/21/2020			X			X	1				X																			
	Trench-13 (8')	12/21/2020			X			X	1				X																			
	Trench-14 (0-1')	12/21/2020			X			X	1		X		X																			
	Trench-14 (1')	12/21/2020			X			X	1		X		X																			
	Trench-14 (2')	12/21/2020			X			X	1		X		X																			
	Trench-14 (3')	12/21/2020			X			X	1		X		X																			
	Trench-14 (4')	12/21/2020			X			X	1		X		X																			
	Trench-14 (5')	12/21/2020			X			X	1		X		X																			

Relinquished by: Conner Moehring	Date: 12/29/20	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:

Date: 12/29/20 Time: 8:54

LAB USE ONLY
Sample Temperature

REMARKS: STANDARD

☐ **RUSH:** Same Day 24 hr 48 hr 72 hr

☐ Rush Charges Authorized

☐ Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #: _____

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Page 189 of 204
Final 1.001
Released to Imaging: 1/6/2022 8:12:55 AM

Page 394 of 821

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

901 W Wall St. Suite 100
Midland,Texas 79701
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: EnLink	**Site Manager:** Brittany Long
Project Name: Falcon Remediation	
Project Location: (county, state) Eddy County, New Mexico	**Project #:** 212C-MD-02376
Invoice to: Mike Luckett, EnLink	
Receiving Laboratory: Xenco	**Sampler Signature:** Conner Moehring
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance				Hold
	Trench-15 (0-1')	12/21/2020			X			X	1																							X
	Trench-15 (1')	12/21/2020			X			X	1																							X
	Trench-15 (2')	12/21/2020			X			X	1																							X
	Trench-15 (3')	12/21/2020			X			X	1				X																			
	Trench-15 (4')	12/21/2020			X			X	1				X																			
	Trench-15 (5')	12/21/2020			X			X	1				X																			
	Trench-16 (0-1')	12/21/2020			X			X	1				X																			
	Trench-16 (1')	12/21/2020			X			X	1				X																			
	Trench-16 (2')	12/21/2020			X			X	1				X																			
	Trench-16 (3')	12/21/2020			X			X	1																							X

Relinquished by: Conner Moehring	Date: 12/29/20	Time:	Received by:	Date: 12/29/20	Time: 8:5
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

LAB USE ONLY

Sample Temperature

REMARKS: STANDARD

☐ **RUSH:** Same Day 24 hr 48 hr 72 hr

☐ Rush Charges Authorized

☐ Special Report Limits or TRRP Report

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Final 1.001
Page 190 of 204
Released to Imaging: 1/6/2022 8:12:55 AM

Page 395 of 821

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

901 W Wall St. Suite 100
Midland,Texas 79701
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: EnLink	**Site Manager:** Brittany Long
Project Name: Falcon Remediation	
Project Location: (county, state) Eddy County, New Mexico	**Project #:** 212C-MD-02376
Invoice to: Mike Luckett, EnLink	
Receiving Laboratory: Xenco	**Sampler Signature:** Conner Moehring
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: DATE	TIME	MATRIX WATER	SOIL	PRESERVATIVE METHOD HCL	HNO_3	ICE	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance				Hold
	Trench-16 (4')	12/21/2020			X			X	1																							X
	Trench-17 (0-1')	12/21/2020			X			X	1				X																			
	Trench-17 (1')	12/21/2020			X			X	1				X																			
	Trench-17 (2')	12/21/2020			X			X	1				X																			
	Trench-17 (3')	12/21/2020			X			X	1				X																			
	Trench-17 (4')	12/21/2020			X			X	1				X																			
	Trench-17 (5')	12/21/2020			X			X	1				X																			
	Trench-17 (6')	12/21/2020			X			X	1				X																			
	Trench-17 (7')	12/21/2020			X			X	1				X																			
	Trench-18 (0-1')	12/21/2020			X			X	1		X		X																			

Relinquished by: Conner Moehring	Date: 12/22/20	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:

Date: 12/29/20 Time: 8:57

LAB USE ONLY
Sample Temperature

REMARKS: STANDARD

☐ RUSH: Same Day 24 hr 48 hr 72 hr

☐ Rush Charges Authorized

☐ Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #: _____

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Received by OCD: 9/14/2021 1:19:28 PM
Final 1.001
Page 191 of 204
Released to Imaging: 1/6/2022 8:12:55 AM

Page 396 of 821

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

901 W Wall St. Suite 100
Midland,Texas 79701
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: EnLink	**Site Manager:** Brittany Long
Project Name: Falcon Remediation	
Project Location: (county, state) Eddy County, New Mexico	**Project #:** 212C-MD-02376
Invoice to: Mike Luckett, EnLink	
Receiving Laboratory: Xenco	**Sampler Signature:** Conner Moehring
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	Hold
	Trench-18 (1')	12/21/2020			X			X	1		X		X															
	Trench-18 (2')	12/21/2020			X			X	1		X		X															
	Trench-18 (3')	12/21/2020			X			X	1																			X
	Trench-18 (4')	12/21/2020			X			X	1																			X
	Trench-19 (0-1')	12/22/2020			X			X	1																			X
	Trench-19 (1')	12/22/2020			X			X	1																			X
	Trench-19 (2')	12/22/2020			X			X	1																			X
	Trench-19 (3')	12/22/2020			X			X	1																			X
	Trench-19 (4')	12/22/2020			X			X	1		X		X															
	Trench-19 (5')	12/22/2020			X			X	1		X		X															

Relinquished by: Conner Moehring	Date: 12/29/20	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:

Date: 12/29/20 Time: 8:54

LAB USE ONLY
Sample Temperature

REMARKS: STANDARD

☐ RUSH: Same Day 24 hr 48 hr 72 hr
☐ Rush Charges Authorized
☐ Special Report Limits or TRRP Report

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Received by OCD: 9/14/2021 1:19:38 PM
Final 1.001
Page 192 of 204
Released to Imaging: 1/6/2022 8:12:55 AM

Page 397 of 821

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

901 W Wall St. Suite 100
Midland,Texas 79701
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: EnLink	**Site Manager:** Brittany Long
Project Name: Falcon Remediation	
Project Location: (county, state) Eddy County, New Mexico	**Project #:** 212C-MD-02376
Invoice to: Mike Luckett, EnLink	
Receiving Laboratory: Xenco	**Sampler Signature:** Conner Moehring
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance				Hold
	Trench-19 (6')	12/22/2020			X				X		1		X		X																			
	Trench-20 (0-1')	12/22/2020			X				X		1																							X
	Trench-20 (1')	12/22/2020			X				X		1																							X
	Trench-20 (2')	12/22/2020			X				X		1																							X
	Trench-20 (3')	12/22/2020			X				X		1																							X
	Trench-20 (4')	12/22/2020			X				X		1		X		X																			
	Trench-20 (5')	12/22/2020			X				X		1		X		X																			
	Trench-20 (6')	12/22/2020			X				X		1		X		X																			
	Trench-21 (0-1')	12/22/2020			X				X		1																							X
	Trench-21 (1')	12/22/2020			X				X		1																							X

Relinquished by:	Date: 12/29/20	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:

Date: 12/29/20 Time: 0:57

LAB USE ONLY
Sample Temperature

REMARKS: STANDARD

☐ RUSH: Same Day 24 hr 48 hr 72 hr

☐ Rush Charges Authorized

☐ Special Report Limits or TRRP Report

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Page 193 of 204

Page 398 of 821

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

901 W Wall St. Suite 100
Midland,Texas 79701
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: EnLink	**Site Manager:** Brittany Long
Project Name: Falcon Remediation	
Project Location: (county, state) Eddy County, New Mexico	**Project #:** 212C-MD-02376
Invoice to: Mike Luckett, EnLink	
Receiving Laboratory: Xenco	**Sampler Signature:** Conner Moehring
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance				Hold
	Trench-21 (2')	12/22/2020			X			X	1																							X
	Trench-21 (3')	12/22/2020			X			X	1																							X
	Trench-21 (4')	12/22/2020			X			X	1		X		X																			
	Trench-21 (5')	12/22/2020			X			X	1		X		X																			
	Trench-21 (6')	12/22/2020			X			X	1		X		X																			
	Trench-22 (0-1')	12/22/2020			X			X	1																							X
	Trench-22 (1')	12/22/2020			X			X	1																							X
	Trench-22 (2')	12/22/2020			X			X	1																							X
	Trench-22 (3')	12/22/2020			X			X	1																							X
	Trench-22 (4')	12/22/2020			X			X	1		X		X																			

Relinquished by: Conner Moehring	Date: 12/22/20	Time:	Received by:	Date:	Time: 1529
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

LAB USE ONLY
Sample Temperature

REMARKS: STANDARD

☐ RUSH: Same Day 24 hr 48 hr 72 hr

☐ Rush Charges Authorized

☐ Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #: _____

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Page 194 of 204

Page 399 of 821

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

901 W Wall St. Suite 100
Midland,Texas 79701
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: EnLink	**Site Manager:** Brittany Long
Project Name: Falcon Remediation	
Project Location: (county, state) Eddy County, New Mexico	**Project #:** 212C-MD-02376
Invoice to: Mike Luckett, EnLink	
Receiving Laboratory: Xenco	**Sampler Signature:** Conner Moehring
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD	PRESERVATIVE METHOD	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance				Hold
	Trench-22 (5')	12/22/2020			X				X			1		X		X																			
	Trench-22 (6')	12/22/2020			X				X			1		X		X																			
	Trench-22 (7')	12/22/2020			X				X			1		X		X																			
	Trench-23 (0-1')	12/22/2020			X				X			1																							X
	Trench-23 (1')	12/22/2020			X				X			1																							X
	Trench-23 (2')	12/22/2020			X				X			1																							X
	Trench-23 (3')	12/22/2020			X				X			1																							X
	Trench-23 (4')	12/22/2020			X				X			1				X																			
	Trench-23 (5')	12/22/2020			X				X			1				X																			
	Trench-23 (6')	12/22/2020			X				X			1				X																			

Relinquished by: Conner Moehring	Date: 12/29/20	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:

Date: 12/29/20 Time: 8:54

LAB USE ONLY
Sample Temperature

REMARKS: STANDARD

☐ RUSH: Same Day 24 hr 48 hr 72 hr

☐ Rush Charges Authorized

☐ Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #: _____

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Page 195 of 204
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Page 400 of 821

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

901 W Wall St. Suite 100
Midland,Texas 79701
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: EnLink	**Site Manager:** Brittany Long
Project Name: Falcon Remediation	
Project Location: (county, state) Eddy County, New Mexico	**Project #:** 212C-MD-02376
Invoice to: Mike Luckett, EnLink	
Receiving Laboratory: Xenco	**Sampler Signature:** Conner Moehring
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B	BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance				Hold
	Trench-24 (0-1')	12/22/2020			X			X	1																								X
	Trench-24 (1')	12/22/2020			X			X	1																								X
	Trench-24 (2')	12/22/2020			X			X	1																								X
	Trench-24 (3')	12/22/2020			X			X	1																								X
	Trench-24 (4')	12/22/2020			X			X	1				X																				
	Trench-24 (5')	12/22/2020			X			X	1				X																				
	Trench-24 (6')	12/22/2020			X			X	1				X																				
	Trench-25 (0-1')	12/15/2020			X			X	1				X																				
	Trench-25 (1')	12/15/2020			X			X	1																								X
	Trench-25 (2')	12/15/2020			X			X	1																								X

Relinquished by: Joanna Mabry	Date: 12/29/20	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:

Received by: Date: 12-29-20 Time: 8:54

LAB USE ONLY
Sample Temperature

REMARKS: STANDARD

☐ **RUSH:** Same Day 24 hr 48 hr 72 hr

☐ Rush Charges Authorized

☐ Special Report Limits or TRRP Report

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Page 196 of 204
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Page 401 of 821

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

901 W Wall St. Suite 100
Midland,Texas 79701
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: EnLink	**Site Manager:** Brittany Long
Project Name: Falcon Remediation	
Project Location: (county, state) Eddy County, New Mexico	**Project #:** 212C-MD-02376
Invoice to: Mike Luckett, EnLink	
Receiving Laboratory: Xenco	**Sampler Signature:** Conner Moehring
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	Hold
	Trench-25 (3')	12/15/2020			X			X	1																				X
	Trench-25 (4')	12/15/2020			X			X	1																				X
	Trench-26 (0-1')	12/15/2020			X			X	1				X																
	Trench-26 (1')	12/15/2020			X			X	1																				X
	Trench-26 (2')	12/15/2020			X			X	1																				X
	Trench-26 (3')	12/15/2020			X			X	1																				X
	Trench-26 (4')	12/15/2020			X			X	1																				X
	Trench-27 (0-1')	12/21/2020			X			X	1				X																
	Trench-27 (1')	12/21/2020			X			X	1																				X
	Trench-27 (2')	12/21/2020			X			X	1																				X

Relinquished by: Conner Moehring	Date: 12/29/20	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:

Date: 12-29-20 Time: 8:54

LAB USE ONLY
Sample Temperature

REMARKS: STANDARD

☐ **RUSH:** Same Day 24 hr 48 hr 72 hr

☐ Rush Charges Authorized

☐ Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #: _____

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Page 197 of 204
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Page 402 of 821

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

901 W Wall St. Suite 100
Midland,Texas 79701
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: EnLink	**Site Manager:** Brittany Long
Project Name: Falcon Remediation	
Project Location: (county, state) Eddy County, New Mexico	**Project #:** 212C-MD-02376
Invoice to: Mike Luckett, EnLink	
Receiving Laboratory: Xenco	**Sampler Signature:** Conner Moehring
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance				Hold
	Trench-27 (3')	12/21/2020			X			X	1																							X
	Trench-27 (4')	12/21/2020			X			X	1																							X
	Trench-28 (0-1')	12/15/2020			X			X	1				X																			
	Trench-28 (1')	12/15/2020			X			X	1																							X
	Trench-28 (2')	12/15/2020			X			X	1																							X
	Trench-28 (3')	12/15/2020			X			X	1																							X
	Trench-28 (4')	12/15/2020			X			X	1																							X
	Trench-29 (0-1')	12/21/2020			X			X	1				X																			
	Trench-29 (1')	12/21/2020			X			X	1				X																			
	Trench-29 (2')	12/21/2020			X			X	1				X																			

Relinquished by: Conner Moehring	Date: 12/29/20	Time:	Received by:	Date: 12-29-20	Time: 8:54
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

LAB USE ONLY

Sample Temperature

REMARKS: STANDARD

☐ RUSH: Same Day 24 hr 48 hr 72 hr

☐ Rush Charges Authorized

☐ Special Report Limits or TRRP Report

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Page 198 of 204
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Page 403 of 821

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

901 W Wall St. Suite 100
Midland,Texas 79701
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: EnLink	**Site Manager:** Brittany Long
Project Name: Falcon Remediation	
Project Location: (county, state) Eddy County, New Mexico	**Project #:** 212C-MD-02376
Invoice to: Mike Luckett, EnLink	
Receiving Laboratory: Xenco	**Sampler Signature:** Conner Moehring
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD	PRESERVATIVE METHOD	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance					Hold
	Trench-29 (3')	12/21/2020			X				X			1				X																				
	Trench-29 (4')	12/21/2020			X				X			1				X																				
	Trench-29 (5')	12/21/2020			X				X			1				X																				
	Trench-29 (6')	12/21/2020			X				X			1				X																				
	Trench-29 (7')	12/21/2020			X				X			1				X																				
	Trench-29 (8')	12/21/2020			X				X			1				X																				
	Trench-29 (9')	12/21/2020			X				X			1				X																				
	Trench-29 (10')	12/21/2020			X				X			1				X																				
	Trench-30 (0-1')	12/21/2020			X				X			1				X																				
	Trench-30 (1')	12/21/2020			X				X			1				X																				

Relinquished by: Sam Murphy	Date: 12/29/20	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:

Date: 12-29-20 Time: 8:57

LAB USE ONLY
Sample Temperature

REMARKS: STANDARD

☐ RUSH: Same Day 24 hr 48 hr 72 hr

☐ Rush Charges Authorized

☐ Special Report Limits or TRRP Report

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Page 199 of 204
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Page 404 of 821

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

901 W Wall St. Suite 100
Midland,Texas 79701
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: EnLink	**Site Manager:** Brittany Long
Project Name: Falcon Remediation	
Project Location: (county, state) Eddy County, New Mexico	**Project #:** 212C-MD-02376
Invoice to: Mike Luckett, EnLink	
Receiving Laboratory: Xenco	**Sampler Signature:** Conner Moehring
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD	PRESERVATIVE METHOD	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance				Hold
	Trench-30 (2')	12/21/2020			X				X			1				X																			
	Trench-30 (3')	12/21/2020			X				X			1				X																			
	Trench-30 (4')	12/21/2020			X				X			1				X																			
	Trench-30 (5')	12/21/2020			X				X			1				X																			
	Trench-31 (0-1')	12/15/2020			X				X			1				X																			
	Trench-31 (1')	12/15/2020			X				X			1																							X
	Trench-31 (2')	12/15/2020			X				X			1																							X
	Trench-31 (3')	12/15/2020			X				X			1																							X
	Trench-31 (4')	12/15/2020			X				X			1																							X
	Trench-32 (0-1')	12/21/2020			X				X			1				X																			

Relinquished by: Conner Mosley	Date: 12/29/20	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:

Date: 12-29-20 Time: 8:54

LAB USE ONLY
Sample Temperature

REMARKS: STANDARD

☐ **RUSH:** Same Day 24 hr 48 hr 72 hr

☐ Rush Charges Authorized

☐ Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #: _____

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Final 1.001
Page 200 of 204
Released to Imaging: 1/6/2022 8:12:55 AM

Page 405 of 821

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

901 W Wall St. Suite 100
Midland,Texas 79701
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: EnLink	**Site Manager:** Brittany Long
Project Name: Falcon Remediation	
Project Location: (county, state) Eddy County, New Mexico	**Project #:** 212C-MD-02376
Invoice to: Mike Luckett, EnLink	
Receiving Laboratory: Xenco	**Sampler Signature:** Conner Moehring
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance					Hold
	Trench-32 (1')	12/21/2020			X			X	1																							X
	Trench-32 (2')	12/22/2020			X			X	1																							X
	Trench-32 (3')	12/23/2020			X			X	1																							X
	Trench-32 (4')	12/24/2020			X			X	1																							X
	H-1 (0-1')	12/16/2020			X			X	1				X																			
	H-2 (0-1')	12/16/2020			X			X	1				X																			
	H-3 (0-1')	12/16/2020			X			X	1				X																			
	H-4 (0-1')	12/16/2020			X			X	1				X																			
	H-5 (0-1')	12/16/2020			X			X	1				X																			
	H-6 (0-1')	12/16/2020			X			X	1				X																			

Relinquished by: Joan Mcauley	Date: 12/29/20	Time:	Received by:
Relinquished by:	Date:	Time:	Received by: 12-29-20 8:54
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:

LAB USE ONLY
Sample Temperature

REMARKS: STANDARD

☐ RUSH: Same Day 24 hr 48 hr 72 hr

☐ Rush Charges Authorized

☐ Special Report Limits or TRRP Report

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Page 201 of 204
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Page 406 of 821

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

901 W Wall St. Suite 100
Midland,Texas 79701
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: EnLink	**Site Manager:** Brittany Long
Project Name: Falcon Remediation	
Project Location: (county, state) Eddy County, New Mexico	**Project #:** 212C-MD-02376
Invoice to: Mike Luckett, EnLink	
Receiving Laboratory: Xenco	**Sampler Signature:** Conner Moehring
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD	PRESERVATIVE METHOD	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance				Hold
	H-7 (0-1')	12/16/2020			X				X			1				X																			
	H-8 (0-1')	12/16/2020			X				X			1				X																			
	H-9 (0-1')	12/16/2020			X				X			1				X																			
	H-10 (0-1')	12/16/2020			X				X			1				X																			
	H-11 (0-1')	12/16/2020			X				X			1				X																			
	H-12 (0-1')	12/16/2020			X				X			1				X																			
	H-13 (0-1')	12/16/2020			X				X			1				X																			
	H-14 (0-1')	12/16/2020			X				X			1				X																			
	H-15 (0-1')	12/16/2020			X				X			1				X																			
	H-16 (0-1')	12/16/2020			X				X			1				X																			

Relinquished by: Conner Moehring	Date: 12/29/20	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:

Date: 12-29-20 Time: 8:54

LAB USE ONLY
Sample Temperature

REMARKS: STANDARD

☐ RUSH: Same Day 24 hr 48 hr 72 hr

☐ Rush Charges Authorized

☐ Special Report Limits or TRRP Report

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Page 202 of 204
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Page 207 of 821

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

901 W Wall St. Suite 100
Midland,Texas 79701
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: EnLink	**Site Manager:** Brittany Long
Project Name: Falcon Remediation	
Project Location: (county, state) Eddy County, New Mexico	**Project #:** 212C-MD-02376
Invoice to: Mike Luckett, EnLink	
Receiving Laboratory: Xenco	**Sampler Signature:** Conner Moehring
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD	PRESERVATIVE METHOD	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance				Hold
	H-17 (0-1')	12/16/2020			X				X			1				X																			
	H-18 (0-1')	12/16/2020			X				X			1				X																			
	H-19 (0-1')	12/16/2020			X				X			1				X																			
	H-20 (0-1')	12/16/2020			X				X			1				X																			
	H-21 (0-1')	12/16/2020			X				X			1				X																			
	H-22 (0-1')	12/16/2020			X				X			1				X																			
					X				X			1																							
					X				X			1																							
					X				X			1																							
					X				X			1																							

Relinquished by: Conner Moehring	Date: 12/24/20	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:

Date: 12/29/20 Time: 8:54

LAB USE ONLY
Sample Temperature

REMARKS: STANDARD

☐ RUSH: Same Day 24 hr 48 hr 72 hr

☐ Rush Charges Authorized

☐ Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #: _____

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Page 203 of 204
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Eurofins Xenco, LLC

Prelogin/Nonconformance Report- Sample Log-In

Client: Tetra Tech- Midland

Date/ Time Received: 12.29.2020 08.54.00 AM

Work Order #: 682752

Acceptable Temperature Range: 0 - 6 degC
Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : IR8

Sample Receipt Checklist		Comments
#1 *Temperature of cooler(s)?	3.5	
#2 *Shipping container in good condition?	**Yes**	
#3 *Samples received on ice?	**Yes**	
#4 *Custody Seals intact on shipping container/ cooler?	**N/A**	
#5 Custody Seals intact on sample bottles?	**N/A**	
#6*Custody Seals Signed and dated?	**N/A**	
#7 *Chain of Custody present?	**Yes**	
#8 Any missing/extra samples?	**No**	
#9 Chain of Custody signed when relinquished/ received?	**Yes**	
#10 Chain of Custody agrees with sample labels/matrix?	**Yes**	
#11 Container label(s) legible and intact?	**Yes**	
#12 Samples in proper container/ bottle?	**Yes**	BTEX was in bulk container
#13 Samples properly preserved?	**Yes**	
#14 Sample container(s) intact?	**Yes**	
#15 Sufficient sample amount for indicated test(s)?	**Yes**	
#16 All samples received within hold time?	**Yes**	
#17 Subcontract of sample(s)?	**N/A**	
#18 Water VOC samples have zero headspace?	**N/A**	

*** Must be completed for after-hours delivery of samples prior to placing in the refrigerator**

Analyst: PH Device/Lot#:

Checklist completed by: Brianna Teel Date: 12.29.2020
Brianna Teel

Checklist reviewed by: Jessica Kramer Date: 12.30.2020
Jessica Kramer

eurofins | Environment Testing America



ANALYTICAL REPORT

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

Laboratory Job ID: 890-1015-1
Laboratory Sample Delivery Group: Eddy County NM
Client Project/Site: Falcon CDP

For:
Tetra Tech, Inc.
901 W Wall
Ste 100
Midland, Texas 79701

Attn: Brittany Long

JKramer

Authorized for release by:
7/30/2021 3:27:51 PM

Jessica Kramer, Project Manager
(432)704-5440
jessica.kramer@eurofinset.com

LINKS

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Have a Question? Ask The Expert

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: Tetra Tech, Inc.
Project/Site: Falcon CDP

Laboratory Job ID: 890-1015-1
SDG: Eddy County NM

Table of Contents

Cover Page 1
Table of Contents 2
Definitions/Glossary 3
Case Narrative 4
Client Sample Results 5
Surrogate Summary 29
QC Sample Results 32
QC Association Summary 40
Lab Chronicle 47
Certification Summary 56
Method Summary 57
Sample Summary 58
Chain of Custody 59
Receipt Checklists 64

Definitions/Glossary

Client: Tetra Tech, Inc. Job ID: 890-1015-1
Project/Site: Falcon CDP SDG: Eddy County NM

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

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

Glossary

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

Case Narrative

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1015-1
SDG: Eddy County NM

Job ID: 890-1015-1

Laboratory: Eurofins Xenco, Carlsbad

Narrative

Job Narrative
890-1015-1

Receipt
The samples were received on 7/27/2021 3:35 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 8.2°C

GC VOA
Method 8021B: Surrogate recovery for the following samples were outside control limits: BH-4 (4) (890-1015-4) and SW-1 (6) (890-1015-17). 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-13 (8) (890-1015-29), SW-15 (4) (890-1015-31), SW-18 (4) (890-1015-34) and SW-19 (8) (890-1015-35). 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.

GC Semi VOA
Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-5830 and analytical batch 880-5794 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10

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: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1015-1
SDG: Eddy County NM

Client Sample ID: BH-1 (6)

Lab Sample ID: 890-1015-1
Matrix: Solid
Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35
Sample Depth: - 6

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		07/29/21 10:00	07/29/21 15:21	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/29/21 10:00	07/29/21 15:21	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/29/21 10:00	07/29/21 15:21	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/29/21 10:00	07/29/21 15:21	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/29/21 10:00	07/29/21 15:21	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/29/21 10:00	07/29/21 15:21	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		07/29/21 10:00	07/29/21 15:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*07/29/21 10:00*	*07/29/21 15:21*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*07/29/21 10:00*	*07/29/21 15:21*	*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		07/29/21 14:33	07/30/21 00:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/29/21 14:33	07/30/21 00:43	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/29/21 14:33	07/30/21 00:43	1
Total TPH	<50.0	U	50.0		mg/Kg		07/29/21 14:33	07/30/21 00:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*87*		*70 - 130*	*07/29/21 14:33*	*07/30/21 00:43*	*1*
o-Terphenyl	*100*		*70 - 130*	*07/29/21 14:33*	*07/30/21 00:43*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**31.0**		5.05		mg/Kg			07/30/21 01:05	1

Client Sample ID: BH-2 (8)

Lab Sample ID: 890-1015-2
Matrix: Solid
Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35
Sample Depth: - 8

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		07/29/21 10:00	07/29/21 15:41	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/29/21 10:00	07/29/21 15:41	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/29/21 10:00	07/29/21 15:41	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/29/21 10:00	07/29/21 15:41	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/29/21 10:00	07/29/21 15:41	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/29/21 10:00	07/29/21 15:41	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		07/29/21 10:00	07/29/21 15:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*07/29/21 10:00*	*07/29/21 15:41*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*07/29/21 10:00*	*07/29/21 15:41*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1015-1
SDG: Eddy County NM

Client Sample ID: BH-2 (8)

Lab Sample ID: 890-1015-2
Matrix: Solid
Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35
Sample Depth: - 8

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		07/29/21 14:33	07/30/21 01:46	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/29/21 14:33	07/30/21 01:46	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/29/21 14:33	07/30/21 01:46	1
Total TPH	<49.9	U	49.9		mg/Kg		07/29/21 14:33	07/30/21 01:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*87*		*70 - 130*	*07/29/21 14:33*	*07/30/21 01:46*	*1*
o-Terphenyl	*100*		*70 - 130*	*07/29/21 14:33*	*07/30/21 01:46*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**15.0**		4.99		mg/Kg			07/30/21 01:21	1

Client Sample ID: BH-3 (4)

Lab Sample ID: 890-1015-3
Matrix: Solid
Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35
Sample Depth: - 4

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		07/29/21 10:00	07/29/21 16:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/29/21 10:00	07/29/21 16:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/29/21 10:00	07/29/21 16:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/29/21 10:00	07/29/21 16:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/29/21 10:00	07/29/21 16:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/29/21 10:00	07/29/21 16:02	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		07/29/21 10:00	07/29/21 16:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*07/29/21 10:00*	*07/29/21 16:02*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*07/29/21 10:00*	*07/29/21 16:02*	*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		07/29/21 14:33	07/30/21 02:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/29/21 14:33	07/30/21 02:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/29/21 14:33	07/30/21 02:06	1
Total TPH	<50.0	U	50.0		mg/Kg		07/29/21 14:33	07/30/21 02:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*89*		*70 - 130*	*07/29/21 14:33*	*07/30/21 02:06*	*1*
o-Terphenyl	*103*		*70 - 130*	*07/29/21 14:33*	*07/30/21 02:06*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**14.0**		4.98		mg/Kg			07/30/21 01:26	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1015-1
SDG: Eddy County NM

Client Sample ID: BH-4 (4)

Lab Sample ID: 890-1015-4
Matrix: Solid
Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35
Sample Depth: - 4

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.0389**		0.00201		mg/Kg		07/29/21 10:00	07/29/21 16:23	1
Toluene	**0.00623**		0.00201		mg/Kg		07/29/21 10:00	07/29/21 16:23	1
Ethylbenzene	**0.0150**		0.00201		mg/Kg		07/29/21 10:00	07/29/21 16:23	1
m-Xylene & p-Xylene	**0.0160**		0.00402		mg/Kg		07/29/21 10:00	07/29/21 16:23	1
o-Xylene	**0.0554**		0.00201		mg/Kg		07/29/21 10:00	07/29/21 16:23	1
Xylenes, Total	**0.0714**		0.00402		mg/Kg		07/29/21 10:00	07/29/21 16:23	1
Total BTEX	**0.132**		0.00402		mg/Kg		07/29/21 10:00	07/29/21 16:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*244*	*S1+*	*70 - 130*	*07/29/21 10:00*	*07/29/21 16:23*	*1*
1,4-Difluorobenzene (Surr)	*127*		*70 - 130*	*07/29/21 10:00*	*07/29/21 16:23*	*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		07/29/21 14:33	07/30/21 02:27	1
Diesel Range Organics (Over C10-C28)	**549**		50.0		mg/Kg		07/29/21 14:33	07/30/21 02:27	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/29/21 14:33	07/30/21 02:27	1
Total TPH	**549**		50.0		mg/Kg		07/29/21 14:33	07/30/21 02:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*85*		*70 - 130*	*07/29/21 14:33*	*07/30/21 02:27*	*1*
o-Terphenyl	*91*		*70 - 130*	*07/29/21 14:33*	*07/30/21 02:27*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8.63**		5.01		mg/Kg			07/30/21 01:32	1

Client Sample ID: BH-5 (4)

Lab Sample ID: 890-1015-5
Matrix: Solid
Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35
Sample Depth: - 4

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		07/29/21 10:00	07/29/21 16:43	1
Toluene	**0.00241**		0.00200		mg/Kg		07/29/21 10:00	07/29/21 16:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/29/21 10:00	07/29/21 16:43	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/29/21 10:00	07/29/21 16:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/29/21 10:00	07/29/21 16:43	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/29/21 10:00	07/29/21 16:43	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		07/29/21 10:00	07/29/21 16:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*07/29/21 10:00*	*07/29/21 16:43*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*07/29/21 10:00*	*07/29/21 16:43*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1015-1
SDG: Eddy County NM

Client Sample ID: BH-5 (4)

Lab Sample ID: 890-1015-5
Matrix: Solid
Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35
Sample Depth: - 4

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		07/29/21 14:33	07/30/21 02:48	1
Diesel Range Organics (Over C10-C28)	**1150**		49.8		mg/Kg		07/29/21 14:33	07/30/21 02:48	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/29/21 14:33	07/30/21 02:48	1
Total TPH	**1150**		49.8		mg/Kg		07/29/21 14:33	07/30/21 02:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*86*		*70 - 130*	*07/29/21 14:33*	*07/30/21 02:48*	*1*
o-Terphenyl	*96*		*70 - 130*	*07/29/21 14:33*	*07/30/21 02:48*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10.7**		4.95		mg/Kg			07/30/21 01:37	1

Client Sample ID: BH-6 (7)

Lab Sample ID: 890-1015-6
Matrix: Solid
Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35
Sample Depth: - 7

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		07/29/21 10:00	07/29/21 17:04	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/29/21 10:00	07/29/21 17:04	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/29/21 10:00	07/29/21 17:04	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		07/29/21 10:00	07/29/21 17:04	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/29/21 10:00	07/29/21 17:04	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		07/29/21 10:00	07/29/21 17:04	1
Total BTEX	<0.00397	U	0.00397		mg/Kg		07/29/21 10:00	07/29/21 17:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*07/29/21 10:00*	*07/29/21 17:04*	*1*
1,4-Difluorobenzene (Surr)	*117*		*70 - 130*	*07/29/21 10:00*	*07/29/21 17:04*	*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	<49.7	U	49.7		mg/Kg		07/29/21 14:33	07/30/21 03:09	1
Diesel Range Organics (Over C10-C28)	**344**		49.7		mg/Kg		07/29/21 14:33	07/30/21 03:09	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		07/29/21 14:33	07/30/21 03:09	1
Total TPH	**344**		49.7		mg/Kg		07/29/21 14:33	07/30/21 03:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*07/29/21 14:33*	*07/30/21 03:09*	*1*
o-Terphenyl	*105*		*70 - 130*	*07/29/21 14:33*	*07/30/21 03:09*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**17.1**		4.95		mg/Kg			07/30/21 01:53	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1015-1
SDG: Eddy County NM

Client Sample ID: BH-7 (7)

Lab Sample ID: 890-1015-7
Matrix: Solid
Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35
Sample Depth: - 7

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		07/29/21 10:00	07/29/21 17:25	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/29/21 10:00	07/29/21 17:25	1
Ethylbenzene	**0.00328**		0.00201		mg/Kg		07/29/21 10:00	07/29/21 17:25	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		07/29/21 10:00	07/29/21 17:25	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/29/21 10:00	07/29/21 17:25	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/29/21 10:00	07/29/21 17:25	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		07/29/21 10:00	07/29/21 17:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*07/29/21 10:00*	*07/29/21 17:25*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*07/29/21 10:00*	*07/29/21 17:25*	*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		07/29/21 14:33	07/30/21 03:30	1
Diesel Range Organics (Over C10-C28)	**378**		49.9		mg/Kg		07/29/21 14:33	07/30/21 03:30	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/29/21 14:33	07/30/21 03:30	1
Total TPH	**378**		49.9		mg/Kg		07/29/21 14:33	07/30/21 03:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*86*		*70 - 130*	*07/29/21 14:33*	*07/30/21 03:30*	*1*
o-Terphenyl	*97*		*70 - 130*	*07/29/21 14:33*	*07/30/21 03:30*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**23.2**		4.96		mg/Kg			07/30/21 01:59	1

Client Sample ID: BH-8 (8)

Lab Sample ID: 890-1015-8
Matrix: Solid
Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35
Sample Depth: - 8

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		07/29/21 10:00	07/29/21 17:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/29/21 10:00	07/29/21 17:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/29/21 10:00	07/29/21 17:46	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		07/29/21 10:00	07/29/21 17:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/29/21 10:00	07/29/21 17:46	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		07/29/21 10:00	07/29/21 17:46	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		07/29/21 10:00	07/29/21 17:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*07/29/21 10:00*	*07/29/21 17:46*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*07/29/21 10:00*	*07/29/21 17:46*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1015-1
SDG: Eddy County NM

Client Sample ID: BH-8 (8)

Lab Sample ID: 890-1015-8
Matrix: Solid
Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35
Sample Depth: - 8

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		07/29/21 14:33	07/30/21 03:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/29/21 14:33	07/30/21 03:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/29/21 14:33	07/30/21 03:51	1
Total TPH	<50.0	U	50.0		mg/Kg		07/29/21 14:33	07/30/21 03:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*83*		*70 - 130*	*07/29/21 14:33*	*07/30/21 03:51*	*1*
o-Terphenyl	*88*		*70 - 130*	*07/29/21 14:33*	*07/30/21 03:51*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9.64**		5.00		mg/Kg			07/30/21 02:04	1

Client Sample ID: BH-9 (5)

Lab Sample ID: 890-1015-9
Matrix: Solid
Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35
Sample Depth: - 5

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		07/29/21 10:00	07/29/21 18:06	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/29/21 10:00	07/29/21 18:06	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/29/21 10:00	07/29/21 18:06	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		07/29/21 10:00	07/29/21 18:06	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/29/21 10:00	07/29/21 18:06	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		07/29/21 10:00	07/29/21 18:06	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		07/29/21 10:00	07/29/21 18:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*07/29/21 10:00*	*07/29/21 18:06*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*07/29/21 10:00*	*07/29/21 18:06*	*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		07/29/21 14:33	07/30/21 04:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/29/21 14:33	07/30/21 04:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/29/21 14:33	07/30/21 04:12	1
Total TPH	<50.0	U	50.0		mg/Kg		07/29/21 14:33	07/30/21 04:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*07/29/21 14:33*	*07/30/21 04:12*	*1*
o-Terphenyl	*101*		*70 - 130*	*07/29/21 14:33*	*07/30/21 04:12*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7.97**		5.04		mg/Kg			07/30/21 02:10	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1015-1
SDG: Eddy County NM

Client Sample ID: BH-10 (5)

Lab Sample ID: 890-1015-10
Matrix: Solid
Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35
Sample Depth: - 5

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		07/29/21 10:00	07/29/21 18:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/29/21 10:00	07/29/21 18:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/29/21 10:00	07/29/21 18:27	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		07/29/21 10:00	07/29/21 18:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/29/21 10:00	07/29/21 18:27	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/29/21 10:00	07/29/21 18:27	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		07/29/21 10:00	07/29/21 18:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*07/29/21 10:00*	*07/29/21 18:27*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*07/29/21 10:00*	*07/29/21 18:27*	*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		07/29/21 14:33	07/30/21 04:33	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/29/21 14:33	07/30/21 04:33	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/29/21 14:33	07/30/21 04:33	1
Total TPH	<49.9	U	49.9		mg/Kg		07/29/21 14:33	07/30/21 04:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*85*		*70 - 130*	*07/29/21 14:33*	*07/30/21 04:33*	*1*
o-Terphenyl	*88*		*70 - 130*	*07/29/21 14:33*	*07/30/21 04:33*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7.60**		4.97		mg/Kg			07/30/21 02:15	1

Client Sample ID: BH-11 (5)

Lab Sample ID: 890-1015-11
Matrix: Solid
Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35
Sample Depth: - 5

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		07/29/21 10:00	07/29/21 19:49	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/29/21 10:00	07/29/21 19:49	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/29/21 10:00	07/29/21 19:49	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		07/29/21 10:00	07/29/21 19:49	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/29/21 10:00	07/29/21 19:49	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		07/29/21 10:00	07/29/21 19:49	1
Total BTEX	<0.00396	U	0.00396		mg/Kg		07/29/21 10:00	07/29/21 19:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*07/29/21 10:00*	*07/29/21 19:49*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*07/29/21 10:00*	*07/29/21 19:49*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1015-1
SDG: Eddy County NM

Client Sample ID: BH-11 (5)

Lab Sample ID: 890-1015-11
Matrix: Solid
Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35
Sample Depth: - 5

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		07/29/21 14:33	07/30/21 05:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/29/21 14:33	07/30/21 05:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/29/21 14:33	07/30/21 05:15	1
Total TPH	<50.0	U	50.0		mg/Kg		07/29/21 14:33	07/30/21 05:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*91*		*70 - 130*	*07/29/21 14:33*	*07/30/21 05:15*	*1*
o-Terphenyl	*95*		*70 - 130*	*07/29/21 14:33*	*07/30/21 05:15*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**19.6**		4.97		mg/Kg			07/30/21 02:20	1

Client Sample ID: BH-12 (5)

Lab Sample ID: 890-1015-12
Matrix: Solid
Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35
Sample Depth: - 5

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		07/29/21 10:00	07/29/21 20:10	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/29/21 10:00	07/29/21 20:10	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/29/21 10:00	07/29/21 20:10	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/29/21 10:00	07/29/21 20:10	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/29/21 10:00	07/29/21 20:10	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/29/21 10:00	07/29/21 20:10	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		07/29/21 10:00	07/29/21 20:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*07/29/21 10:00*	*07/29/21 20:10*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*07/29/21 10:00*	*07/29/21 20:10*	*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		07/29/21 14:33	07/30/21 05:36	1
Diesel Range Organics (Over C10-C28)	**361**		50.0		mg/Kg		07/29/21 14:33	07/30/21 05:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/29/21 14:33	07/30/21 05:36	1
Total TPH	**361**		50.0		mg/Kg		07/29/21 14:33	07/30/21 05:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*89*		*70 - 130*	*07/29/21 14:33*	*07/30/21 05:36*	*1*
o-Terphenyl	*96*		*70 - 130*	*07/29/21 14:33*	*07/30/21 05:36*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9.29**		4.98		mg/Kg			07/30/21 02:36	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1015-1
SDG: Eddy County NM

Client Sample ID: BH-13 (4)

Lab Sample ID: 890-1015-13
Matrix: Solid
Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35
Sample Depth: - 4

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		07/29/21 10:00	07/29/21 20:31	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/29/21 10:00	07/29/21 20:31	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/29/21 10:00	07/29/21 20:31	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		07/29/21 10:00	07/29/21 20:31	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/29/21 10:00	07/29/21 20:31	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		07/29/21 10:00	07/29/21 20:31	1
Total BTEX	<0.00403	U	0.00403		mg/Kg		07/29/21 10:00	07/29/21 20:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*07/29/21 10:00*	*07/29/21 20:31*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*07/29/21 10:00*	*07/29/21 20:31*	*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		07/29/21 14:33	07/30/21 05:57	1
Diesel Range Organics (Over C10-C28)	**175**		49.9		mg/Kg		07/29/21 14:33	07/30/21 05:57	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/29/21 14:33	07/30/21 05:57	1
Total TPH	**175**		49.9		mg/Kg		07/29/21 14:33	07/30/21 05:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*89*		*70 - 130*	*07/29/21 14:33*	*07/30/21 05:57*	*1*
o-Terphenyl	*96*		*70 - 130*	*07/29/21 14:33*	*07/30/21 05:57*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**13.2**		4.95		mg/Kg			07/30/21 02:42	1

Client Sample ID: BH-14 (4)

Lab Sample ID: 890-1015-14
Matrix: Solid
Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35
Sample Depth: - 4

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		07/29/21 10:00	07/29/21 20:51	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/29/21 10:00	07/29/21 20:51	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/29/21 10:00	07/29/21 20:51	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		07/29/21 10:00	07/29/21 20:51	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/29/21 10:00	07/29/21 20:51	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		07/29/21 10:00	07/29/21 20:51	1
Total BTEX	<0.00397	U	0.00397		mg/Kg		07/29/21 10:00	07/29/21 20:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*07/29/21 10:00*	*07/29/21 20:51*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*07/29/21 10:00*	*07/29/21 20:51*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1015-1
SDG: Eddy County NM

Client Sample ID: BH-14 (4)

Lab Sample ID: 890-1015-14
Matrix: Solid
Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35
Sample Depth: - 4

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		07/29/21 14:33	07/30/21 06:18	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/29/21 14:33	07/30/21 06:18	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/29/21 14:33	07/30/21 06:18	1
Total TPH	<49.9	U	49.9		mg/Kg		07/29/21 14:33	07/30/21 06:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*84*		*70 - 130*	*07/29/21 14:33*	*07/30/21 06:18*	*1*
o-Terphenyl	*89*		*70 - 130*	*07/29/21 14:33*	*07/30/21 06:18*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**13.9**		4.98		mg/Kg			07/29/21 14:39	1

Client Sample ID: BH-15 (4)

Lab Sample ID: 890-1015-15
Matrix: Solid
Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35
Sample Depth: - 4

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		07/29/21 10:00	07/29/21 21:12	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/29/21 10:00	07/29/21 21:12	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/29/21 10:00	07/29/21 21:12	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/29/21 10:00	07/29/21 21:12	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/29/21 10:00	07/29/21 21:12	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/29/21 10:00	07/29/21 21:12	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		07/29/21 10:00	07/29/21 21:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*	*07/29/21 10:00*	*07/29/21 21:12*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*07/29/21 10:00*	*07/29/21 21:12*	*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		07/29/21 14:33	07/30/21 06:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/29/21 14:33	07/30/21 06:39	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/29/21 14:33	07/30/21 06:39	1
Total TPH	<49.9	U	49.9		mg/Kg		07/29/21 14:33	07/30/21 06:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*84*		*70 - 130*	*07/29/21 14:33*	*07/30/21 06:39*	*1*
o-Terphenyl	*85*		*70 - 130*	*07/29/21 14:33*	*07/30/21 06:39*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8.32**		5.04		mg/Kg			07/29/21 14:55	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1015-1
SDG: Eddy County NM

Client Sample ID: BH-16 (4)

Lab Sample ID: 890-1015-16
Matrix: Solid
Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35
Sample Depth: - 4

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		07/29/21 10:00	07/29/21 21:33	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/29/21 10:00	07/29/21 21:33	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/29/21 10:00	07/29/21 21:33	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/29/21 10:00	07/29/21 21:33	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/29/21 10:00	07/29/21 21:33	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/29/21 10:00	07/29/21 21:33	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		07/29/21 10:00	07/29/21 21:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*	*07/29/21 10:00*	*07/29/21 21:33*	*1*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*07/29/21 10:00*	*07/29/21 21:33*	*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		07/29/21 14:33	07/30/21 06:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/29/21 14:33	07/30/21 06:59	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/29/21 14:33	07/30/21 06:59	1
Total TPH	<50.0	U	50.0		mg/Kg		07/29/21 14:33	07/30/21 06:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*84*		*70 - 130*	*07/29/21 14:33*	*07/30/21 06:59*	*1*
o-Terphenyl	*91*		*70 - 130*	*07/29/21 14:33*	*07/30/21 06:59*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9.43**		4.99		mg/Kg			07/29/21 15:00	1

Client Sample ID: SW-1 (6)

Lab Sample ID: 890-1015-17
Matrix: Solid
Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35
Sample Depth: - 6

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00289**		0.00200		mg/Kg		07/29/21 10:00	07/29/21 21:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/29/21 10:00	07/29/21 21:54	1
Ethylbenzene	**0.00307**		0.00200		mg/Kg		07/29/21 10:00	07/29/21 21:54	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/29/21 10:00	07/29/21 21:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/29/21 10:00	07/29/21 21:54	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/29/21 10:00	07/29/21 21:54	1
Total BTEX	**0.00596**		0.00400		mg/Kg		07/29/21 10:00	07/29/21 21:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*141*	*S1+*	*70 - 130*	*07/29/21 10:00*	*07/29/21 21:54*	*1*
1,4-Difluorobenzene (Surr)	*119*		*70 - 130*	*07/29/21 10:00*	*07/29/21 21:54*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1015-1
SDG: Eddy County NM

Client Sample ID: SW-1 (6)

Lab Sample ID: 890-1015-17
Matrix: Solid
Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35
Sample Depth: - 6

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		07/29/21 14:33	07/30/21 07:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/29/21 14:33	07/30/21 07:20	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/29/21 14:33	07/30/21 07:20	1
Total TPH	<50.0	U	50.0		mg/Kg		07/29/21 14:33	07/30/21 07:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*86*		*70 - 130*	*07/29/21 14:33*	*07/30/21 07:20*	*1*
o-Terphenyl	*88*		*70 - 130*	*07/29/21 14:33*	*07/30/21 07:20*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8.27**		5.01		mg/Kg			07/29/21 15:06	1

Client Sample ID: SW-2 (8)

Lab Sample ID: 890-1015-18
Matrix: Solid
Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35
Sample Depth: - 8

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		07/29/21 10:00	07/29/21 22:14	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/29/21 10:00	07/29/21 22:14	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/29/21 10:00	07/29/21 22:14	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/29/21 10:00	07/29/21 22:14	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/29/21 10:00	07/29/21 22:14	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/29/21 10:00	07/29/21 22:14	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		07/29/21 10:00	07/29/21 22:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*07/29/21 10:00*	*07/29/21 22:14*	*1*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*	*07/29/21 10:00*	*07/29/21 22:14*	*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		07/29/21 14:33	07/30/21 07:41	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/29/21 14:33	07/30/21 07:41	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/29/21 14:33	07/30/21 07:41	1
Total TPH	<49.9	U	49.9		mg/Kg		07/29/21 14:33	07/30/21 07:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 130*	*07/29/21 14:33*	*07/30/21 07:41*	*1*
o-Terphenyl	*94*		*70 - 130*	*07/29/21 14:33*	*07/30/21 07:41*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7.08**		4.98		mg/Kg			07/29/21 15:11	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1015-1
SDG: Eddy County NM

Client Sample ID: SW-3 (8)

Lab Sample ID: 890-1015-19
Matrix: Solid
Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35
Sample Depth: - 8

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		07/29/21 10:00	07/29/21 22:35	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/29/21 10:00	07/29/21 22:35	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/29/21 10:00	07/29/21 22:35	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		07/29/21 10:00	07/29/21 22:35	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/29/21 10:00	07/29/21 22:35	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		07/29/21 10:00	07/29/21 22:35	1
Total BTEX	<0.00404	U	0.00404		mg/Kg		07/29/21 10:00	07/29/21 22:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*07/29/21 10:00*	*07/29/21 22:35*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*07/29/21 10:00*	*07/29/21 22:35*	*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		07/29/21 14:33	07/30/21 08:02	1
Diesel Range Organics (Over C10-C28)	**246**		50.0		mg/Kg		07/29/21 14:33	07/30/21 08:02	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/29/21 14:33	07/30/21 08:02	1
Total TPH	**246**		50.0		mg/Kg		07/29/21 14:33	07/30/21 08:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*07/29/21 14:33*	*07/30/21 08:02*	*1*
o-Terphenyl	*102*		*70 - 130*	*07/29/21 14:33*	*07/30/21 08:02*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**20.2**		4.95		mg/Kg			07/29/21 15:27	1

Client Sample ID: SW-4 (7)

Lab Sample ID: 890-1015-20
Matrix: Solid
Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35
Sample Depth: - 7

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		07/29/21 10:00	07/29/21 22:56	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/29/21 10:00	07/29/21 22:56	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/29/21 10:00	07/29/21 22:56	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/29/21 10:00	07/29/21 22:56	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/29/21 10:00	07/29/21 22:56	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/29/21 10:00	07/29/21 22:56	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		07/29/21 10:00	07/29/21 22:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*07/29/21 10:00*	*07/29/21 22:56*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*07/29/21 10:00*	*07/29/21 22:56*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1015-1
SDG: Eddy County NM

Client Sample ID: SW-4 (7)

Lab Sample ID: 890-1015-20
Matrix: Solid
Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35
Sample Depth: - 7

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		07/29/21 14:33	07/30/21 08:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/29/21 14:33	07/30/21 08:23	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/29/21 14:33	07/30/21 08:23	1
Total TPH	<50.0	U	50.0		mg/Kg		07/29/21 14:33	07/30/21 08:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*85*		*70 - 130*	*07/29/21 14:33*	*07/30/21 08:23*	*1*
o-Terphenyl	*89*		*70 - 130*	*07/29/21 14:33*	*07/30/21 08:23*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7.75**		5.02		mg/Kg			07/29/21 15:33	1

Client Sample ID: SW-5 (8)

Lab Sample ID: 890-1015-21
Matrix: Solid
Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35
Sample Depth: - 8

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		07/29/21 09:42	07/29/21 23:08	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/29/21 09:42	07/29/21 23:08	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/29/21 09:42	07/29/21 23:08	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		07/29/21 09:42	07/29/21 23:08	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/29/21 09:42	07/29/21 23:08	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/29/21 09:42	07/29/21 23:08	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		07/29/21 09:42	07/29/21 23:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*07/29/21 09:42*	*07/29/21 23:08*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*07/29/21 09:42*	*07/29/21 23:08*	*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		07/29/21 14:51	07/30/21 00:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/29/21 14:51	07/30/21 00:43	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/29/21 14:51	07/30/21 00:43	1
Total TPH	<50.0	U	50.0		mg/Kg		07/29/21 14:51	07/30/21 00:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*68*	*S1-*	*70 - 130*	*07/29/21 14:51*	*07/30/21 00:43*	*1*
o-Terphenyl	*73*		*70 - 130*	*07/29/21 14:51*	*07/30/21 00:43*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**12.6**		4.96		mg/Kg			07/29/21 15:38	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1015-1
SDG: Eddy County NM

Client Sample ID: SW-6 (8)

Lab Sample ID: 890-1015-22
Matrix: Solid
Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35
Sample Depth: - 8

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		07/29/21 09:42	07/29/21 23:28	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/29/21 09:42	07/29/21 23:28	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/29/21 09:42	07/29/21 23:28	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/29/21 09:42	07/29/21 23:28	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/29/21 09:42	07/29/21 23:28	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/29/21 09:42	07/29/21 23:28	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		07/29/21 09:42	07/29/21 23:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*07/29/21 09:42*	*07/29/21 23:28*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*07/29/21 09:42*	*07/29/21 23:28*	*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		07/29/21 14:51	07/30/21 01:46	1
Diesel Range Organics (Over C10-C28)	**1880**		49.9		mg/Kg		07/29/21 14:51	07/30/21 01:46	1
Oil Range Organics (Over C28-C36)	**256**		49.9		mg/Kg		07/29/21 14:51	07/30/21 01:46	1
Total TPH	**2140**		49.9		mg/Kg		07/29/21 14:51	07/30/21 01:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*113*		*70 - 130*	*07/29/21 14:51*	*07/30/21 01:46*	*1*
o-Terphenyl	*120*		*70 - 130*	*07/29/21 14:51*	*07/30/21 01:46*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8.99**		5.00		mg/Kg			07/29/21 15:44	1

Client Sample ID: SW-7 (5)

Lab Sample ID: 890-1015-23
Matrix: Solid
Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35
Sample Depth: - 5

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		07/29/21 09:42	07/29/21 23:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/29/21 09:42	07/29/21 23:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/29/21 09:42	07/29/21 23:49	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/29/21 09:42	07/29/21 23:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/29/21 09:42	07/29/21 23:49	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/29/21 09:42	07/29/21 23:49	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		07/29/21 09:42	07/29/21 23:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*07/29/21 09:42*	*07/29/21 23:49*	*1*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*	*07/29/21 09:42*	*07/29/21 23:49*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1015-1
SDG: Eddy County NM

Client Sample ID: SW-7 (5)

Lab Sample ID: 890-1015-23
Matrix: Solid
Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35
Sample Depth: - 5

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		07/29/21 14:51	07/30/21 02:06	1
Diesel Range Organics (Over C10-C28)	**963**		50.0		mg/Kg		07/29/21 14:51	07/30/21 02:06	1
Oil Range Organics (Over C28-C36)	**145**		50.0		mg/Kg		07/29/21 14:51	07/30/21 02:06	1
Total TPH	**1110**		50.0		mg/Kg		07/29/21 14:51	07/30/21 02:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*70 - 130*	*07/29/21 14:51*	*07/30/21 02:06*	*1*
o-Terphenyl	*104*		*70 - 130*	*07/29/21 14:51*	*07/30/21 02:06*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8.34**		4.95		mg/Kg			07/29/21 15:49	1

Client Sample ID: SW-8 (8)

Lab Sample ID: 890-1015-24
Matrix: Solid
Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35
Sample Depth: - 8

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		07/29/21 09:42	07/30/21 00:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/29/21 09:42	07/30/21 00:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/29/21 09:42	07/30/21 00:09	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		07/29/21 09:42	07/30/21 00:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/29/21 09:42	07/30/21 00:09	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/29/21 09:42	07/30/21 00:09	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		07/29/21 09:42	07/30/21 00:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*	*07/29/21 09:42*	*07/30/21 00:09*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*07/29/21 09:42*	*07/30/21 00:09*	*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		07/29/21 14:51	07/30/21 02:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/29/21 14:51	07/30/21 02:27	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/29/21 14:51	07/30/21 02:27	1
Total TPH	<50.0	U	50.0		mg/Kg		07/29/21 14:51	07/30/21 02:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*70 - 130*	*07/29/21 14:51*	*07/30/21 02:27*	*1*
o-Terphenyl	*102*		*70 - 130*	*07/29/21 14:51*	*07/30/21 02:27*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**13.6**		5.04		mg/Kg			07/29/21 15:54	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1015-1
SDG: Eddy County NM

Client Sample ID: SW-9 (4)

Lab Sample ID: 890-1015-25
Matrix: Solid
Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35
Sample Depth: - 4

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		07/29/21 09:42	07/30/21 00:30	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/29/21 09:42	07/30/21 00:30	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/29/21 09:42	07/30/21 00:30	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/29/21 09:42	07/30/21 00:30	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/29/21 09:42	07/30/21 00:30	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/29/21 09:42	07/30/21 00:30	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		07/29/21 09:42	07/30/21 00:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*	*07/29/21 09:42*	*07/30/21 00:30*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*07/29/21 09:42*	*07/30/21 00:30*	*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		07/29/21 14:51	07/30/21 02:48	1
Diesel Range Organics (Over C10-C28)	**98.3**		49.8		mg/Kg		07/29/21 14:51	07/30/21 02:48	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/29/21 14:51	07/30/21 02:48	1
Total TPH	**98.3**		49.8		mg/Kg		07/29/21 14:51	07/30/21 02:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*88*		*70 - 130*	*07/29/21 14:51*	*07/30/21 02:48*	*1*
o-Terphenyl	*89*		*70 - 130*	*07/29/21 14:51*	*07/30/21 02:48*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8.35**		4.98		mg/Kg			07/29/21 16:11	1

Client Sample ID: SW-10 (7)

Lab Sample ID: 890-1015-26
Matrix: Solid
Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35
Sample Depth: - 7

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		07/29/21 09:42	07/30/21 00:50	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/29/21 09:42	07/30/21 00:50	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/29/21 09:42	07/30/21 00:50	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/29/21 09:42	07/30/21 00:50	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/29/21 09:42	07/30/21 00:50	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/29/21 09:42	07/30/21 00:50	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		07/29/21 09:42	07/30/21 00:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*07/29/21 09:42*	*07/30/21 00:50*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*07/29/21 09:42*	*07/30/21 00:50*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1015-1
SDG: Eddy County NM

Client Sample ID: SW-10 (7)

Lab Sample ID: 890-1015-26
Matrix: Solid
Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35
Sample Depth: - 7

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	<49.7	U *1	49.7		mg/Kg		07/29/21 14:51	07/30/21 03:09	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		07/29/21 14:51	07/30/21 03:09	1
OII Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		07/29/21 14:51	07/30/21 03:09	1
Total TPH	<49.7	U	49.7		mg/Kg		07/29/21 14:51	07/30/21 03:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*87*		*70 - 130*	*07/29/21 14:51*	*07/30/21 03:09*	*1*
o-Terphenyl	*90*		*70 - 130*	*07/29/21 14:51*	*07/30/21 03:09*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8.34**		4.99		mg/Kg			07/29/21 16:16	1

Client Sample ID: SW-11 (7)

Lab Sample ID: 890-1015-27
Matrix: Solid
Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35
Sample Depth: - 7

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		07/29/21 09:42	07/30/21 01:10	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/29/21 09:42	07/30/21 01:10	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/29/21 09:42	07/30/21 01:10	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		07/29/21 09:42	07/30/21 01:10	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/29/21 09:42	07/30/21 01:10	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		07/29/21 09:42	07/30/21 01:10	1
Total BTEX	<0.00397	U	0.00397		mg/Kg		07/29/21 09:42	07/30/21 01:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*	*07/29/21 09:42*	*07/30/21 01:10*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*07/29/21 09:42*	*07/30/21 01:10*	*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		07/29/21 14:51	07/30/21 03:30	1
Diesel Range Organics (Over C10-C28)	**123**		49.9		mg/Kg		07/29/21 14:51	07/30/21 03:30	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/29/21 14:51	07/30/21 03:30	1
Total TPH	**123**		49.9		mg/Kg		07/29/21 14:51	07/30/21 03:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*106*		*70 - 130*	*07/29/21 14:51*	*07/30/21 03:30*	*1*
o-Terphenyl	*105*		*70 - 130*	*07/29/21 14:51*	*07/30/21 03:30*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6.90**		5.00		mg/Kg			07/29/21 16:32	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1015-1
SDG: Eddy County NM

Client Sample ID: SW-12 (7)

Lab Sample ID: 890-1015-28
Matrix: Solid
Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35
Sample Depth: - 7

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		07/29/21 09:42	07/30/21 01:31	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/29/21 09:42	07/30/21 01:31	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/29/21 09:42	07/30/21 01:31	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		07/29/21 09:42	07/30/21 01:31	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/29/21 09:42	07/30/21 01:31	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		07/29/21 09:42	07/30/21 01:31	1
Total BTEX	<0.00396	U	0.00396		mg/Kg		07/29/21 09:42	07/30/21 01:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*07/29/21 09:42*	*07/30/21 01:31*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*07/29/21 09:42*	*07/30/21 01:31*	*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		07/29/21 14:51	07/30/21 03:51	1
Diesel Range Organics (Over C10-C28)	**247**		50.0		mg/Kg		07/29/21 14:51	07/30/21 03:51	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/29/21 14:51	07/30/21 03:51	1
Total TPH	**247**		50.0		mg/Kg		07/29/21 14:51	07/30/21 03:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*103*		*70 - 130*	*07/29/21 14:51*	*07/30/21 03:51*	*1*
o-Terphenyl	*103*		*70 - 130*	*07/29/21 14:51*	*07/30/21 03:51*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**21.2**		5.00		mg/Kg			07/29/21 16:37	1

Client Sample ID: SW-13 (8)

Lab Sample ID: 890-1015-29
Matrix: Solid
Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35
Sample Depth: - 8

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		07/29/21 09:42	07/30/21 01:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/29/21 09:42	07/30/21 01:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/29/21 09:42	07/30/21 01:51	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		07/29/21 09:42	07/30/21 01:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/29/21 09:42	07/30/21 01:51	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		07/29/21 09:42	07/30/21 01:51	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		07/29/21 09:42	07/30/21 01:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*128*		*70 - 130*	*07/29/21 09:42*	*07/30/21 01:51*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*07/29/21 09:42*	*07/30/21 01:51*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1015-1
SDG: Eddy County NM

Client Sample ID: SW-13 (8)

Lab Sample ID: 890-1015-29
Matrix: Solid
Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35
Sample Depth: - 8

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		07/29/21 14:51	07/30/21 04:12	1
Diesel Range Organics (Over C10-C28)	**587**		50.0		mg/Kg		07/29/21 14:51	07/30/21 04:12	1
Oil Range Organics (Over C28-C36)	**77.1**		50.0		mg/Kg		07/29/21 14:51	07/30/21 04:12	1
Total TPH	**664**		50.0		mg/Kg		07/29/21 14:51	07/30/21 04:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*103*		*70 - 130*	*07/29/21 14:51*	*07/30/21 04:12*	*1*
o-Terphenyl	*99*		*70 - 130*	*07/29/21 14:51*	*07/30/21 04:12*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7.69**		4.98		mg/Kg			07/29/21 16:43	1

Client Sample ID: SW-14 (4)

Lab Sample ID: 890-1015-30
Matrix: Solid
Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35
Sample Depth: - 4

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		07/29/21 09:42	07/30/21 02:12	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/29/21 09:42	07/30/21 02:12	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/29/21 09:42	07/30/21 02:12	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		07/29/21 09:42	07/30/21 02:12	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/29/21 09:42	07/30/21 02:12	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/29/21 09:42	07/30/21 02:12	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		07/29/21 09:42	07/30/21 02:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*07/29/21 09:42*	*07/30/21 02:12*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*07/29/21 09:42*	*07/30/21 02:12*	*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		07/29/21 14:51	07/30/21 04:33	1
Diesel Range Organics (Over C10-C28)	**2700**		49.9		mg/Kg		07/29/21 14:51	07/30/21 04:33	1
Oil Range Organics (Over C28-C36)	**394**		49.9		mg/Kg		07/29/21 14:51	07/30/21 04:33	1
Total TPH	**3090**		49.9		mg/Kg		07/29/21 14:51	07/30/21 04:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*07/29/21 14:51*	*07/30/21 04:33*	*1*
o-Terphenyl	*99*		*70 - 130*	*07/29/21 14:51*	*07/30/21 04:33*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9.05**		4.95		mg/Kg			07/29/21 16:48	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1015-1
SDG: Eddy County NM

Client Sample ID: SW-15 (4)

Lab Sample ID: 890-1015-31
Matrix: Solid
Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35
Sample Depth: - 4

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		07/29/21 09:42	07/30/21 03:34	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/29/21 09:42	07/30/21 03:34	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/29/21 09:42	07/30/21 03:34	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		07/29/21 09:42	07/30/21 03:34	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/29/21 09:42	07/30/21 03:34	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/29/21 09:42	07/30/21 03:34	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		07/29/21 09:42	07/30/21 03:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*132*	*S1+*	*70 - 130*	*07/29/21 09:42*	*07/30/21 03:34*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*07/29/21 09:42*	*07/30/21 03:34*	*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		07/29/21 14:51	07/30/21 05:15	1
Diesel Range Organics (Over C10-C28)	**758**		50.0		mg/Kg		07/29/21 14:51	07/30/21 05:15	1
Oil Range Organics (Over C28-C36)	**108**		50.0		mg/Kg		07/29/21 14:51	07/30/21 05:15	1
Total TPH	**866**		50.0		mg/Kg		07/29/21 14:51	07/30/21 05:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*07/29/21 14:51*	*07/30/21 05:15*	*1*
o-Terphenyl	*99*		*70 - 130*	*07/29/21 14:51*	*07/30/21 05:15*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7.35**		4.95		mg/Kg			07/29/21 16:54	1

Client Sample ID: SW-16 (5)

Lab Sample ID: 890-1015-32
Matrix: Solid
Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35
Sample Depth: - 5

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		07/29/21 09:42	07/30/21 03:54	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/29/21 09:42	07/30/21 03:54	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/29/21 09:42	07/30/21 03:54	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/29/21 09:42	07/30/21 03:54	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/29/21 09:42	07/30/21 03:54	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/29/21 09:42	07/30/21 03:54	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		07/29/21 09:42	07/30/21 03:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*07/29/21 09:42*	*07/30/21 03:54*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*07/29/21 09:42*	*07/30/21 03:54*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1015-1
SDG: Eddy County NM

Client Sample ID: SW-16 (5)

Lab Sample ID: 890-1015-32
Matrix: Solid
Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35
Sample Depth: - 5

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		07/29/21 14:51	07/30/21 05:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/29/21 14:51	07/30/21 05:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/29/21 14:51	07/30/21 05:36	1
Total TPH	<50.0	U	50.0		mg/Kg		07/29/21 14:51	07/30/21 05:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*07/29/21 14:51*	*07/30/21 05:36*	*1*
o-Terphenyl	*99*		*70 - 130*	*07/29/21 14:51*	*07/30/21 05:36*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8.51**		5.02		mg/Kg			07/29/21 16:59	1

Client Sample ID: SW-17 (7)

Lab Sample ID: 890-1015-33
Matrix: Solid
Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35
Sample Depth: - 7

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		07/29/21 09:42	07/30/21 04:14	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/29/21 09:42	07/30/21 04:14	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/29/21 09:42	07/30/21 04:14	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/29/21 09:42	07/30/21 04:14	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/29/21 09:42	07/30/21 04:14	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/29/21 09:42	07/30/21 04:14	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		07/29/21 09:42	07/30/21 04:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*	*07/29/21 09:42*	*07/30/21 04:14*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*07/29/21 09:42*	*07/30/21 04:14*	*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		07/29/21 14:51	07/30/21 05:57	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/29/21 14:51	07/30/21 05:57	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/29/21 14:51	07/30/21 05:57	1
Total TPH	<49.9	U	49.9		mg/Kg		07/29/21 14:51	07/30/21 05:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*103*		*70 - 130*	*07/29/21 14:51*	*07/30/21 05:57*	*1*
o-Terphenyl	*104*		*70 - 130*	*07/29/21 14:51*	*07/30/21 05:57*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**199**		4.97		mg/Kg			07/29/21 17:05	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1015-1
SDG: Eddy County NM

Client Sample ID: SW-18 (4)

Lab Sample ID: 890-1015-34
Matrix: Solid
Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35
Sample Depth: - 4

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		07/29/21 09:42	07/30/21 04:35	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/29/21 09:42	07/30/21 04:35	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/29/21 09:42	07/30/21 04:35	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/29/21 09:42	07/30/21 04:35	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/29/21 09:42	07/30/21 04:35	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/29/21 09:42	07/30/21 04:35	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		07/29/21 09:42	07/30/21 04:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*07/29/21 09:42*	*07/30/21 04:35*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*07/29/21 09:42*	*07/30/21 04:35*	*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		07/29/21 14:51	07/30/21 06:18	1
Diesel Range Organics (Over C10-C28)	**56.7**		49.9		mg/Kg		07/29/21 14:51	07/30/21 06:18	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/29/21 14:51	07/30/21 06:18	1
Total TPH	**56.7**		49.9		mg/Kg		07/29/21 14:51	07/30/21 06:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*07/29/21 14:51*	*07/30/21 06:18*	*1*
o-Terphenyl	*97*		*70 - 130*	*07/29/21 14:51*	*07/30/21 06:18*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10.5**		4.95		mg/Kg			07/30/21 02:58	1

Client Sample ID: SW-19 (8)

Lab Sample ID: 890-1015-35
Matrix: Solid
Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35
Sample Depth: - 8

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		07/29/21 09:42	07/30/21 04:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/29/21 09:42	07/30/21 04:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/29/21 09:42	07/30/21 04:55	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/29/21 09:42	07/30/21 04:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/29/21 09:42	07/30/21 04:55	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/29/21 09:42	07/30/21 04:55	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		07/29/21 09:42	07/30/21 04:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*07/29/21 09:42*	*07/30/21 04:55*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*07/29/21 09:42*	*07/30/21 04:55*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1015-1
SDG: Eddy County NM

Client Sample ID: SW-19 (8)
Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35
Sample Depth: - 8

Lab Sample ID: 890-1015-35
Matrix: Solid

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		07/29/21 14:51	07/30/21 06:39	1
Diesel Range Organics (Over C10-C28)	**64.4**		49.9		mg/Kg		07/29/21 14:51	07/30/21 06:39	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/29/21 14:51	07/30/21 06:39	1
Total TPH	**64.4**		49.9		mg/Kg		07/29/21 14:51	07/30/21 06:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*07/29/21 14:51*	*07/30/21 06:39*	*1*
o-Terphenyl	*99*		*70 - 130*	*07/29/21 14:51*	*07/30/21 06:39*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9.54**		4.99		mg/Kg			07/30/21 03:03	1

Surrogate Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1015-1
SDG: Eddy County NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
890-1015-1	BH-1 (6)	111	107
890-1015-1 MS	BH-1 (6)	99	103
890-1015-2	BH-2 (8)	99	96
890-1015-3	BH-3 (4)	110	95
890-1015-4	BH-4 (4)	244 S1+	127
890-1015-5	BH-5 (4)	115	105
890-1015-6	BH-6 (7)	116	117
890-1015-7	BH-7 (7)	108	104
890-1015-8	BH-8 (8)	113	104
890-1015-9	BH-9 (5)	110	105
890-1015-10	BH-10 (5)	114	89
890-1015-11	BH-11 (5)	112	108
890-1015-12	BH-12 (5)	101	105
890-1015-13	BH-13 (4)	120	88
890-1015-14	BH-14 (4)	109	94
890-1015-15	BH-15 (4)	118	107
890-1015-16	BH-16 (4)	118	110
890-1015-17	SW-1 (6)	141 S1+	119
890-1015-18	SW-2 (8)	119	82
890-1015-19	SW-3 (8)	116	105
890-1015-20	SW-4 (7)	107	95
890-1015-21	SW-5 (8)	112	97
890-1015-21 MS	SW-5 (8)	116	106
890-1015-22	SW-6 (8)	117	106
890-1015-23	SW-7 (5)	104	111
890-1015-24	SW-8 (8)	125	105
890-1015-25	SW-9 (4)	121	101
890-1015-26	SW-10 (7)	110	103
890-1015-27	SW-11 (7)	124	101
890-1015-28	SW-12 (7)	112	98
890-1015-29	SW-13 (8)	128	102
890-1015-30	SW-14 (4)	120	105
890-1015-31	SW-15 (4)	132 S1+	96
890-1015-32	SW-16 (5)	116	92
890-1015-33	SW-17 (7)	125	100
890-1015-34	SW-18 (4)	95	99
890-1015-35	SW-19 (8)	103	95
LCS 880-5783/1-A	Lab Control Sample	99	101
LCS 880-5786/1-A	Lab Control Sample	103	107
LCSD 880-5783/2-A	Lab Control Sample Dup	109	105
LCSD 880-5786/2-A	Lab Control Sample Dup	109	107
MB 880-5780/5-A	Method Blank	87	96
MB 880-5783/5-A	Method Blank	102	95
MB 880-5786/5-A	Method Blank	110	97

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Surrogate Summary

Client: Tetra Tech, Inc. Job ID: 890-1015-1
Project/Site: Falcon CDP SDG: Eddy County NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID		
890-1015-1 MSD	BH-1 (6)		
890-1015-21 MSD	SW-5 (8)		

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)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
890-1015-1	BH-1 (6)	87	100
890-1015-1 MS	BH-1 (6)	80	87
890-1015-1 MSD	BH-1 (6)	81	87
890-1015-2	BH-2 (8)	87	100
890-1015-3	BH-3 (4)	89	103
890-1015-4	BH-4 (4)	85	91
890-1015-5	BH-5 (4)	86	96
890-1015-6	BH-6 (7)	94	105
890-1015-7	BH-7 (7)	86	97
890-1015-8	BH-8 (8)	83	88
890-1015-9	BH-9 (5)	93	101
890-1015-10	BH-10 (5)	85	88
890-1015-11	BH-11 (5)	91	95
890-1015-12	BH-12 (5)	89	96
890-1015-13	BH-13 (4)	89	96
890-1015-14	BH-14 (4)	84	89
890-1015-15	BH-15 (4)	84	85
890-1015-16	BH-16 (4)	84	91
890-1015-17	SW-1 (6)	86	88
890-1015-18	SW-2 (8)	90	94
890-1015-19	SW-3 (8)	93	102
890-1015-20	SW-4 (7)	85	89
890-1015-21	SW-5 (8)	68 S1-	73
890-1015-21 MS	SW-5 (8)	86	81
890-1015-21 MSD	SW-5 (8)	89	83
890-1015-22	SW-6 (8)	113	120
890-1015-23	SW-7 (5)	100	104
890-1015-24	SW-8 (8)	100	102
890-1015-25	SW-9 (4)	88	89
890-1015-26	SW-10 (7)	87	90
890-1015-27	SW-11 (7)	106	105
890-1015-28	SW-12 (7)	103	103
890-1015-29	SW-13 (8)	103	99
890-1015-30	SW-14 (4)	101	99
890-1015-31	SW-15 (4)	101	99
890-1015-32	SW-16 (5)	102	99
890-1015-33	SW-17 (7)	103	104
890-1015-34	SW-18 (4)	98	97

Surrogate Summary

Client: Tetra Tech, Inc. Job ID: 890-1015-1
Project/Site: Falcon CDP SDG: Eddy County NM

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)								
890-1015-35	SW-19 (8)	101	99								
LCS 880-5828/2-A	Lab Control Sample	93	103								
LCS 880-5830/2-A	Lab Control Sample	97	102								
LCSD 880-5828/3-A	Lab Control Sample Dup	89	102								
LCSD 880-5830/3-A	Lab Control Sample Dup	117	121								
MB 880-5828/1-A	Method Blank	84	98								
MB 880-5830/1-A	Method Blank	94	108								

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1015-1
SDG: Eddy County NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-5780/5-A
Matrix: Solid
Analysis Batch: 5781

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 5780

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/29/21 08:38	07/29/21 11:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/29/21 08:38	07/29/21 11:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/29/21 08:38	07/29/21 11:55	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/29/21 08:38	07/29/21 11:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/29/21 08:38	07/29/21 11:55	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/29/21 08:38	07/29/21 11:55	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		07/29/21 08:38	07/29/21 11:55	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*	*07/29/21 08:38*	*07/29/21 11:55*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*07/29/21 08:38*	*07/29/21 11:55*	*1*

Lab Sample ID: 890-1015-21 MS
Matrix: Solid
Analysis Batch: 5781

Client Sample ID: SW-5 (8)
Prep Type: Total/NA

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*

Lab Sample ID: MB 880-5783/5-A
Matrix: Solid
Analysis Batch: 5785

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 5783

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/29/21 10:00	07/29/21 14:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/29/21 10:00	07/29/21 14:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/29/21 10:00	07/29/21 14:59	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/29/21 10:00	07/29/21 14:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/29/21 10:00	07/29/21 14:59	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/29/21 10:00	07/29/21 14:59	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		07/29/21 10:00	07/29/21 14:59	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*07/29/21 10:00*	*07/29/21 14:59*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*07/29/21 10:00*	*07/29/21 14:59*	*1*

Lab Sample ID: LCS 880-5783/1-A
Matrix: Solid
Analysis Batch: 5785

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 5783

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.1143		mg/Kg		114	70 - 130
Toluene	0.100	0.1037		mg/Kg		104	70 - 130
Ethylbenzene	0.100	0.09905		mg/Kg		99	70 - 130
m-Xylene & p-Xylene	0.200	0.2131		mg/Kg		107	70 - 130
o-Xylene	0.100	0.09274		mg/Kg		93	70 - 130

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1015-1
SDG: Eddy County NM

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

Lab Sample ID: LCS 880-5783/1-A
Matrix: Solid
Analysis Batch: 5785

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 5783

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: LCSD 880-5783/2-A
Matrix: Solid
Analysis Batch: 5785

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 5783

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			0.100	0.1173		mg/Kg		117	70 - 130	3	35
Toluene			0.100	0.1084		mg/Kg		108	70 - 130	4	35
Ethylbenzene			0.100	0.1023		mg/Kg		102	70 - 130	3	35
m-Xylene & p-Xylene			0.200	0.2260		mg/Kg		113	70 - 130	6	35
o-Xylene			0.100	0.1044		mg/Kg		104	70 - 130	12	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: 890-1015-1 MSD
Matrix: Solid
Analysis Batch: 5785

Client Sample ID: BH-1 (6)
Prep Type: Total/NA
Prep Batch: 5783

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.0998	0.09891		mg/Kg					
Toluene	<0.00199	U	0.0998	0.08605		mg/Kg					
Ethylbenzene	<0.00199	U	0.0998	0.08572		mg/Kg					
m-Xylene & p-Xylene	<0.00398	U	0.200	0.1805		mg/Kg					
o-Xylene	<0.00199	U	0.0998	0.08276		mg/Kg					

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)			
1,4-Difluorobenzene (Surr)			

Lab Sample ID: 890-1015-1 MS
Matrix: Solid
Analysis Batch: 5785

Client Sample ID: BH-1 (6)
Prep Type: Total/NA

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

Lab Sample ID: MB 880-5786/5-A
Matrix: Solid
Analysis Batch: 5781

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 5786

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/29/21 09:42	07/29/21 22:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/29/21 09:42	07/29/21 22:46	1

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1015-1
SDG: Eddy County NM

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

Lab Sample ID: MB 880-5786/5-A
Matrix: Solid
Analysis Batch: 5781

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 5786

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/29/21 09:42	07/29/21 22:46	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/29/21 09:42	07/29/21 22:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/29/21 09:42	07/29/21 22:46	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/29/21 09:42	07/29/21 22:46	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		07/29/21 09:42	07/29/21 22:46	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*07/29/21 09:42*	*07/29/21 22:46*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*07/29/21 09:42*	*07/29/21 22:46*	*1*

Lab Sample ID: LCS 880-5786/1-A
Matrix: Solid
Analysis Batch: 5781

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 5786

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.1068		mg/Kg		107	70 - 130
Toluene	0.100	0.09664		mg/Kg		97	70 - 130
Ethylbenzene	0.100	0.09242		mg/Kg		92	70 - 130
m-Xylene & p-Xylene	0.200	0.1852		mg/Kg		93	70 - 130
o-Xylene	0.100	0.09544		mg/Kg		95	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*

Lab Sample ID: LCSD 880-5786/2-A
Matrix: Solid
Analysis Batch: 5781

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 5786

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.1039		mg/Kg		104	70 - 130	3	35
Toluene	0.100	0.09392		mg/Kg		94	70 - 130	3	35
Ethylbenzene	0.100	0.09209		mg/Kg		92	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.1841		mg/Kg		92	70 - 130	1	35
o-Xylene	0.100	0.09405		mg/Kg		94	70 - 130	1	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*

Lab Sample ID: 890-1015-21 MSD
Matrix: Solid
Analysis Batch: 5781

Client Sample ID: SW-5 (8)
Prep Type: Total/NA
Prep Batch: 5786

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.0996	0.05886		mg/Kg					
Toluene	<0.00201	U	0.0996	0.06010		mg/Kg					
Ethylbenzene	<0.00201	U	0.0996	0.06140		mg/Kg					

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1015-1
SDG: Eddy County NM

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

Lab Sample ID: 890-1015-21 MSD
Matrix: Solid
Analysis Batch: 5781

Client Sample ID: SW-5 (8)
Prep Type: Total/NA
Prep Batch: 5786

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	0.199	0.1290		mg/Kg					
o-Xylene	<0.00201	U	0.0996	0.06601		mg/Kg					

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)			
1,4-Difluorobenzene (Surr)			

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

Lab Sample ID: MB 880-5828/1-A
Matrix: Solid
Analysis Batch: 5790

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 5828

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		07/29/21 14:33	07/29/21 23:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/29/21 14:33	07/29/21 23:40	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/29/21 14:33	07/29/21 23:40	1
Total TPH	<50.0	U	50.0		mg/Kg		07/29/21 14:33	07/29/21 23:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*84*		*70 - 130*	*07/29/21 14:33*	*07/29/21 23:40*	*1*
o-Terphenyl	*98*		*70 - 130*	*07/29/21 14:33*	*07/29/21 23:40*	*1*

Lab Sample ID: LCS 880-5828/2-A
Matrix: Solid
Analysis Batch: 5790

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 5828

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	767.5		mg/Kg		77	70 - 130
Diesel Range Organics (Over C10-C28)	1000	924.4		mg/Kg		92	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*93*		*70 - 130*
o-Terphenyl	*103*		*70 - 130*

Lab Sample ID: LCSD 880-5828/3-A
Matrix: Solid
Analysis Batch: 5790

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 5828

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	737.0		mg/Kg		74	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	1000	889.9		mg/Kg		89	70 - 130	4	20

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1015-1
SDG: Eddy County NM

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

Lab Sample ID: LCSD 880-5828/3-A
Matrix: Solid
Analysis Batch: 5790

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 5828

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	89		70 - 130
o-Terphenyl	102		70 - 130

Lab Sample ID: 890-1015-1 MS
Matrix: Solid
Analysis Batch: 5790

Client Sample ID: BH-1 (6)
Prep Type: Total/NA
Prep Batch: 5828

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	996	734.3		mg/Kg		74	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	996	820.6		mg/Kg		82	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	80		70 - 130
o-Terphenyl	87		70 - 130

Lab Sample ID: 890-1015-1 MSD
Matrix: Solid
Analysis Batch: 5790

Client Sample ID: BH-1 (6)
Prep Type: Total/NA
Prep Batch: 5828

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	996	721.5		mg/Kg		72	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.0	U	996	831.2		mg/Kg		83	70 - 130	1	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	81		70 - 130
o-Terphenyl	87		70 - 130

Lab Sample ID: MB 880-5830/1-A
Matrix: Solid
Analysis Batch: 5794

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 5830

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		07/29/21 14:51	07/29/21 23:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/29/21 14:51	07/29/21 23:40	1
OIl Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/29/21 14:51	07/29/21 23:40	1
Total TPH	<50.0	U	50.0		mg/Kg		07/29/21 14:51	07/29/21 23:40	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130	07/29/21 14:51	07/29/21 23:40	1
o-Terphenyl	108		70 - 130	07/29/21 14:51	07/29/21 23:40	1

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1015-1
SDG: Eddy County NM

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

Lab Sample ID: LCS 880-5830/2-A
Matrix: Solid
Analysis Batch: 5794

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 5830

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	822.8		mg/Kg		82	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	956.8		mg/Kg		96	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*97*		*70 - 130*
o-Terphenyl	*102*		*70 - 130*

Lab Sample ID: LCSD 880-5830/3-A
Matrix: Solid
Analysis Batch: 5794

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 5830

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1124	*1	mg/Kg		112	70 - 130	31	20
Diesel Range Organics (Over C10-C28)			1000	1155		mg/Kg		115	70 - 130	19	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*117*		*70 - 130*
o-Terphenyl	*121*		*70 - 130*

Lab Sample ID: 890-1015-21 MS
Matrix: Solid
Analysis Batch: 5794

Client Sample ID: SW-5 (8)
Prep Type: Total/NA
Prep Batch: 5830

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	996	793.4		mg/Kg		80	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	996	902.7		mg/Kg		89	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*86*		*70 - 130*
o-Terphenyl	*81*		*70 - 130*

Lab Sample ID: 890-1015-21 MSD
Matrix: Solid
Analysis Batch: 5794

Client Sample ID: SW-5 (8)
Prep Type: Total/NA
Prep Batch: 5830

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	996	805.0		mg/Kg		81	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.0	U	996	936.3		mg/Kg		92	70 - 130	4	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*89*		*70 - 130*

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QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1015-1
SDG: Eddy County NM

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

Lab Sample ID: 890-1015-21 MSD
Matrix: Solid
Analysis Batch: 5794

Client Sample ID: SW-5 (8)
Prep Type: Total/NA
Prep Batch: 5830

Surrogate	MSD %Recovery	MSD Qualifier	Limits
o-Terphenyl	83		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-5812/1-A
Matrix: Solid
Analysis Batch: 5813

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			07/29/21 14:23	1

Lab Sample ID: LCS 880-5812/2-A
Matrix: Solid
Analysis Batch: 5813

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride			250	242.8		mg/Kg		97	90 - 110		

Lab Sample ID: LCSD 880-5812/3-A
Matrix: Solid
Analysis Batch: 5813

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	243.0		mg/Kg		97	90 - 110	0	20

Lab Sample ID: 890-1015-14 MS
Matrix: Solid
Analysis Batch: 5813

Client Sample ID: BH-14 (4)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	13.9		249	251.2		mg/Kg		95	90 - 110		

Lab Sample ID: 890-1015-14 MSD
Matrix: Solid
Analysis Batch: 5813

Client Sample ID: BH-14 (4)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	13.9		249	252.0		mg/Kg		96	90 - 110	0	20

Lab Sample ID: 890-1015-24 MS
Matrix: Solid
Analysis Batch: 5813

Client Sample ID: SW-8 (8)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	13.6		252	269.2		mg/Kg		101	90 - 110		

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1015-1
SDG: Eddy County NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-1015-24 MSD — **Client Sample ID: SW-8 (8)**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 5813

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	13.6		252	271.6		mg/Kg		102	90 - 110	1	20

Lab Sample ID: MB 880-5801/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 5829

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			07/30/21 00:49	1

Lab Sample ID: LCS 880-5801/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 5829

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	246.9		mg/Kg		99	90 - 110

Lab Sample ID: LCSD 880-5801/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 5829

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	247.6		mg/Kg		99	90 - 110	0	20

Lab Sample ID: 890-1015-1 MS — **Client Sample ID: BH-1 (6)**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 5829

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	31.0		253	271.9		mg/Kg		95	90 - 110

Lab Sample ID: 890-1015-1 MSD — **Client Sample ID: BH-1 (6)**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 5829

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	31.0		253	273.2		mg/Kg		96	90 - 110	0	20

Lab Sample ID: 890-1015-11 MS — **Client Sample ID: BH-11 (5)**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 5829

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	19.6		249	257.9		mg/Kg		96	90 - 110

Lab Sample ID: 890-1015-11 MSD — **Client Sample ID: BH-11 (5)**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 5829

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	19.6		249	257.2		mg/Kg		96	90 - 110	0	20

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1015-1
SDG: Eddy County NM

GC VOA

Prep Batch: 5780

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-5780/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 5781

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1015-21	SW-5 (8)	Total/NA	Solid	8021B	5786
890-1015-22	SW-6 (8)	Total/NA	Solid	8021B	5786
890-1015-23	SW-7 (5)	Total/NA	Solid	8021B	5786
890-1015-24	SW-8 (8)	Total/NA	Solid	8021B	5786
890-1015-25	SW-9 (4)	Total/NA	Solid	8021B	5786
890-1015-26	SW-10 (7)	Total/NA	Solid	8021B	5786
890-1015-27	SW-11 (7)	Total/NA	Solid	8021B	5786
890-1015-28	SW-12 (7)	Total/NA	Solid	8021B	5786
890-1015-29	SW-13 (8)	Total/NA	Solid	8021B	5786
890-1015-30	SW-14 (4)	Total/NA	Solid	8021B	5786
890-1015-31	SW-15 (4)	Total/NA	Solid	8021B	5786
890-1015-32	SW-16 (5)	Total/NA	Solid	8021B	5786
890-1015-33	SW-17 (7)	Total/NA	Solid	8021B	5786
890-1015-34	SW-18 (4)	Total/NA	Solid	8021B	5786
890-1015-35	SW-19 (8)	Total/NA	Solid	8021B	5786
MB 880-5780/5-A	Method Blank	Total/NA	Solid	8021B	5780
MB 880-5786/5-A	Method Blank	Total/NA	Solid	8021B	5786
LCS 880-5786/1-A	Lab Control Sample	Total/NA	Solid	8021B	5786
LCSD 880-5786/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	5786
890-1015-21 MS	SW-5 (8)	Total/NA	Solid	8021B	
890-1015-21 MSD	SW-5 (8)	Total/NA	Solid	8021B	5786

Prep Batch: 5783

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1015-1	BH-1 (6)	Total/NA	Solid	5035	
890-1015-2	BH-2 (8)	Total/NA	Solid	5035	
890-1015-3	BH-3 (4)	Total/NA	Solid	5035	
890-1015-4	BH-4 (4)	Total/NA	Solid	5035	
890-1015-5	BH-5 (4)	Total/NA	Solid	5035	
890-1015-6	BH-6 (7)	Total/NA	Solid	5035	
890-1015-7	BH-7 (7)	Total/NA	Solid	5035	
890-1015-8	BH-8 (8)	Total/NA	Solid	5035	
890-1015-9	BH-9 (5)	Total/NA	Solid	5035	
890-1015-10	BH-10 (5)	Total/NA	Solid	5035	
890-1015-11	BH-11 (5)	Total/NA	Solid	5035	
890-1015-12	BH-12 (5)	Total/NA	Solid	5035	
890-1015-13	BH-13 (4)	Total/NA	Solid	5035	
890-1015-14	BH-14 (4)	Total/NA	Solid	5035	
890-1015-15	BH-15 (4)	Total/NA	Solid	5035	
890-1015-16	BH-16 (4)	Total/NA	Solid	5035	
890-1015-17	SW-1 (6)	Total/NA	Solid	5035	
890-1015-18	SW-2 (8)	Total/NA	Solid	5035	
890-1015-19	SW-3 (8)	Total/NA	Solid	5035	
890-1015-20	SW-4 (7)	Total/NA	Solid	5035	
MB 880-5783/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-5783/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-5783/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1015-1
SDG: Eddy County NM

GC VOA (Continued)

Prep Batch: 5783 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1015-1 MSD	BH-1 (6)	Total/NA	Solid	5035	

Analysis Batch: 5785

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1015-1	BH-1 (6)	Total/NA	Solid	8021B	5783
890-1015-2	BH-2 (8)	Total/NA	Solid	8021B	5783
890-1015-3	BH-3 (4)	Total/NA	Solid	8021B	5783
890-1015-4	BH-4 (4)	Total/NA	Solid	8021B	5783
890-1015-5	BH-5 (4)	Total/NA	Solid	8021B	5783
890-1015-6	BH-6 (7)	Total/NA	Solid	8021B	5783
890-1015-7	BH-7 (7)	Total/NA	Solid	8021B	5783
890-1015-8	BH-8 (8)	Total/NA	Solid	8021B	5783
890-1015-9	BH-9 (5)	Total/NA	Solid	8021B	5783
890-1015-10	BH-10 (5)	Total/NA	Solid	8021B	5783
890-1015-11	BH-11 (5)	Total/NA	Solid	8021B	5783
890-1015-12	BH-12 (5)	Total/NA	Solid	8021B	5783
890-1015-13	BH-13 (4)	Total/NA	Solid	8021B	5783
890-1015-14	BH-14 (4)	Total/NA	Solid	8021B	5783
890-1015-15	BH-15 (4)	Total/NA	Solid	8021B	5783
890-1015-16	BH-16 (4)	Total/NA	Solid	8021B	5783
890-1015-17	SW-1 (6)	Total/NA	Solid	8021B	5783
890-1015-18	SW-2 (8)	Total/NA	Solid	8021B	5783
890-1015-19	SW-3 (8)	Total/NA	Solid	8021B	5783
890-1015-20	SW-4 (7)	Total/NA	Solid	8021B	5783
MB 880-5783/5-A	Method Blank	Total/NA	Solid	8021B	5783
LCS 880-5783/1-A	Lab Control Sample	Total/NA	Solid	8021B	5783
LCSD 880-5783/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	5783
890-1015-1 MS	BH-1 (6)	Total/NA	Solid	8021B	
890-1015-1 MSD	BH-1 (6)	Total/NA	Solid	8021B	5783

Prep Batch: 5786

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1015-21	SW-5 (8)	Total/NA	Solid	5035	
890-1015-22	SW-6 (8)	Total/NA	Solid	5035	
890-1015-23	SW-7 (5)	Total/NA	Solid	5035	
890-1015-24	SW-8 (8)	Total/NA	Solid	5035	
890-1015-25	SW-9 (4)	Total/NA	Solid	5035	
890-1015-26	SW-10 (7)	Total/NA	Solid	5035	
890-1015-27	SW-11 (7)	Total/NA	Solid	5035	
890-1015-28	SW-12 (7)	Total/NA	Solid	5035	
890-1015-29	SW-13 (8)	Total/NA	Solid	5035	
890-1015-30	SW-14 (4)	Total/NA	Solid	5035	
890-1015-31	SW-15 (4)	Total/NA	Solid	5035	
890-1015-32	SW-16 (5)	Total/NA	Solid	5035	
890-1015-33	SW-17 (7)	Total/NA	Solid	5035	
890-1015-34	SW-18 (4)	Total/NA	Solid	5035	
890-1015-35	SW-19 (8)	Total/NA	Solid	5035	
MB 880-5786/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-5786/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-5786/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-1015-21 MSD	SW-5 (8)	Total/NA	Solid	5035	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1015-1
SDG: Eddy County NM

GC Semi VOA

Analysis Batch: 5790

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1015-1	BH-1 (6)	Total/NA	Solid	8015B NM	5828
890-1015-2	BH-2 (8)	Total/NA	Solid	8015B NM	5828
890-1015-3	BH-3 (4)	Total/NA	Solid	8015B NM	5828
890-1015-4	BH-4 (4)	Total/NA	Solid	8015B NM	5828
890-1015-5	BH-5 (4)	Total/NA	Solid	8015B NM	5828
890-1015-6	BH-6 (7)	Total/NA	Solid	8015B NM	5828
890-1015-7	BH-7 (7)	Total/NA	Solid	8015B NM	5828
890-1015-8	BH-8 (8)	Total/NA	Solid	8015B NM	5828
890-1015-9	BH-9 (5)	Total/NA	Solid	8015B NM	5828
890-1015-10	BH-10 (5)	Total/NA	Solid	8015B NM	5828
890-1015-11	BH-11 (5)	Total/NA	Solid	8015B NM	5828
890-1015-12	BH-12 (5)	Total/NA	Solid	8015B NM	5828
890-1015-13	BH-13 (4)	Total/NA	Solid	8015B NM	5828
890-1015-14	BH-14 (4)	Total/NA	Solid	8015B NM	5828
890-1015-15	BH-15 (4)	Total/NA	Solid	8015B NM	5828
890-1015-16	BH-16 (4)	Total/NA	Solid	8015B NM	5828
890-1015-17	SW-1 (6)	Total/NA	Solid	8015B NM	5828
890-1015-18	SW-2 (8)	Total/NA	Solid	8015B NM	5828
890-1015-19	SW-3 (8)	Total/NA	Solid	8015B NM	5828
890-1015-20	SW-4 (7)	Total/NA	Solid	8015B NM	5828
MB 880-5828/1-A	Method Blank	Total/NA	Solid	8015B NM	5828
LCS 880-5828/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	5828
LCSD 880-5828/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	5828
890-1015-1 MS	BH-1 (6)	Total/NA	Solid	8015B NM	5828
890-1015-1 MSD	BH-1 (6)	Total/NA	Solid	8015B NM	5828

Analysis Batch: 5794

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1015-21	SW-5 (8)	Total/NA	Solid	8015B NM	5830
890-1015-22	SW-6 (8)	Total/NA	Solid	8015B NM	5830
890-1015-23	SW-7 (5)	Total/NA	Solid	8015B NM	5830
890-1015-24	SW-8 (8)	Total/NA	Solid	8015B NM	5830
890-1015-25	SW-9 (4)	Total/NA	Solid	8015B NM	5830
890-1015-26	SW-10 (7)	Total/NA	Solid	8015B NM	5830
890-1015-27	SW-11 (7)	Total/NA	Solid	8015B NM	5830
890-1015-28	SW-12 (7)	Total/NA	Solid	8015B NM	5830
890-1015-29	SW-13 (8)	Total/NA	Solid	8015B NM	5830
890-1015-30	SW-14 (4)	Total/NA	Solid	8015B NM	5830
890-1015-31	SW-15 (4)	Total/NA	Solid	8015B NM	5830
890-1015-32	SW-16 (5)	Total/NA	Solid	8015B NM	5830
890-1015-33	SW-17 (7)	Total/NA	Solid	8015B NM	5830
890-1015-34	SW-18 (4)	Total/NA	Solid	8015B NM	5830
890-1015-35	SW-19 (8)	Total/NA	Solid	8015B NM	5830
MB 880-5830/1-A	Method Blank	Total/NA	Solid	8015B NM	5830
LCS 880-5830/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	5830
LCSD 880-5830/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	5830
890-1015-21 MS	SW-5 (8)	Total/NA	Solid	8015B NM	5830
890-1015-21 MSD	SW-5 (8)	Total/NA	Solid	8015B NM	5830

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1015-1
SDG: Eddy County NM

GC Semi VOA

Prep Batch: 5828

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1015-1	BH-1 (6)	Total/NA	Solid	8015NM Prep	
890-1015-2	BH-2 (8)	Total/NA	Solid	8015NM Prep	
890-1015-3	BH-3 (4)	Total/NA	Solid	8015NM Prep	
890-1015-4	BH-4 (4)	Total/NA	Solid	8015NM Prep	
890-1015-5	BH-5 (4)	Total/NA	Solid	8015NM Prep	
890-1015-6	BH-6 (7)	Total/NA	Solid	8015NM Prep	
890-1015-7	BH-7 (7)	Total/NA	Solid	8015NM Prep	
890-1015-8	BH-8 (8)	Total/NA	Solid	8015NM Prep	
890-1015-9	BH-9 (5)	Total/NA	Solid	8015NM Prep	
890-1015-10	BH-10 (5)	Total/NA	Solid	8015NM Prep	
890-1015-11	BH-11 (5)	Total/NA	Solid	8015NM Prep	
890-1015-12	BH-12 (5)	Total/NA	Solid	8015NM Prep	
890-1015-13	BH-13 (4)	Total/NA	Solid	8015NM Prep	
890-1015-14	BH-14 (4)	Total/NA	Solid	8015NM Prep	
890-1015-15	BH-15 (4)	Total/NA	Solid	8015NM Prep	
890-1015-16	BH-16 (4)	Total/NA	Solid	8015NM Prep	
890-1015-17	SW-1 (6)	Total/NA	Solid	8015NM Prep	
890-1015-18	SW-2 (8)	Total/NA	Solid	8015NM Prep	
890-1015-19	SW-3 (8)	Total/NA	Solid	8015NM Prep	
890-1015-20	SW-4 (7)	Total/NA	Solid	8015NM Prep	
MB 880-5828/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-5828/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-5828/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1015-1 MS	BH-1 (6)	Total/NA	Solid	8015NM Prep	
890-1015-1 MSD	BH-1 (6)	Total/NA	Solid	8015NM Prep	

Prep Batch: 5830

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1015-21	SW-5 (8)	Total/NA	Solid	8015NM Prep	
890-1015-22	SW-6 (8)	Total/NA	Solid	8015NM Prep	
890-1015-23	SW-7 (5)	Total/NA	Solid	8015NM Prep	
890-1015-24	SW-8 (8)	Total/NA	Solid	8015NM Prep	
890-1015-25	SW-9 (4)	Total/NA	Solid	8015NM Prep	
890-1015-26	SW-10 (7)	Total/NA	Solid	8015NM Prep	
890-1015-27	SW-11 (7)	Total/NA	Solid	8015NM Prep	
890-1015-28	SW-12 (7)	Total/NA	Solid	8015NM Prep	
890-1015-29	SW-13 (8)	Total/NA	Solid	8015NM Prep	
890-1015-30	SW-14 (4)	Total/NA	Solid	8015NM Prep	
890-1015-31	SW-15 (4)	Total/NA	Solid	8015NM Prep	
890-1015-32	SW-16 (5)	Total/NA	Solid	8015NM Prep	
890-1015-33	SW-17 (7)	Total/NA	Solid	8015NM Prep	
890-1015-34	SW-18 (4)	Total/NA	Solid	8015NM Prep	
890-1015-35	SW-19 (8)	Total/NA	Solid	8015NM Prep	
MB 880-5830/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-5830/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-5830/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1015-21 MS	SW-5 (8)	Total/NA	Solid	8015NM Prep	
890-1015-21 MSD	SW-5 (8)	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1015-1
SDG: Eddy County NM

HPLC/IC

Leach Batch: 5801

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1015-1	BH-1 (6)	Soluble	Solid	DI Leach	
890-1015-2	BH-2 (8)	Soluble	Solid	DI Leach	
890-1015-3	BH-3 (4)	Soluble	Solid	DI Leach	
890-1015-4	BH-4 (4)	Soluble	Solid	DI Leach	
890-1015-5	BH-5 (4)	Soluble	Solid	DI Leach	
890-1015-6	BH-6 (7)	Soluble	Solid	DI Leach	
890-1015-7	BH-7 (7)	Soluble	Solid	DI Leach	
890-1015-8	BH-8 (8)	Soluble	Solid	DI Leach	
890-1015-9	BH-9 (5)	Soluble	Solid	DI Leach	
890-1015-10	BH-10 (5)	Soluble	Solid	DI Leach	
890-1015-11	BH-11 (5)	Soluble	Solid	DI Leach	
890-1015-12	BH-12 (5)	Soluble	Solid	DI Leach	
890-1015-13	BH-13 (4)	Soluble	Solid	DI Leach	
890-1015-34	SW-18 (4)	Soluble	Solid	DI Leach	
890-1015-35	SW-19 (8)	Soluble	Solid	DI Leach	
MB 880-5801/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-5801/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-5801/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-1015-1 MS	BH-1 (6)	Soluble	Solid	DI Leach	
890-1015-1 MSD	BH-1 (6)	Soluble	Solid	DI Leach	
890-1015-11 MS	BH-11 (5)	Soluble	Solid	DI Leach	
890-1015-11 MSD	BH-11 (5)	Soluble	Solid	DI Leach	

Leach Batch: 5812

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1015-14	BH-14 (4)	Soluble	Solid	DI Leach	
890-1015-15	BH-15 (4)	Soluble	Solid	DI Leach	
890-1015-16	BH-16 (4)	Soluble	Solid	DI Leach	
890-1015-17	SW-1 (6)	Soluble	Solid	DI Leach	
890-1015-18	SW-2 (8)	Soluble	Solid	DI Leach	
890-1015-19	SW-3 (8)	Soluble	Solid	DI Leach	
890-1015-20	SW-4 (7)	Soluble	Solid	DI Leach	
890-1015-21	SW-5 (8)	Soluble	Solid	DI Leach	
890-1015-22	SW-6 (8)	Soluble	Solid	DI Leach	
890-1015-23	SW-7 (5)	Soluble	Solid	DI Leach	
890-1015-24	SW-8 (8)	Soluble	Solid	DI Leach	
890-1015-25	SW-9 (4)	Soluble	Solid	DI Leach	
890-1015-26	SW-10 (7)	Soluble	Solid	DI Leach	
890-1015-27	SW-11 (7)	Soluble	Solid	DI Leach	
890-1015-28	SW-12 (7)	Soluble	Solid	DI Leach	
890-1015-29	SW-13 (8)	Soluble	Solid	DI Leach	
890-1015-30	SW-14 (4)	Soluble	Solid	DI Leach	
890-1015-31	SW-15 (4)	Soluble	Solid	DI Leach	
890-1015-32	SW-16 (5)	Soluble	Solid	DI Leach	
890-1015-33	SW-17 (7)	Soluble	Solid	DI Leach	
MB 880-5812/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-5812/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-5812/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-1015-14 MS	BH-14 (4)	Soluble	Solid	DI Leach	
890-1015-14 MSD	BH-14 (4)	Soluble	Solid	DI Leach	
890-1015-24 MS	SW-8 (8)	Soluble	Solid	DI Leach	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1015-1
SDG: Eddy County NM

HPLC/IC (Continued)

Leach Batch: 5812 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1015-24 MSD	SW-8 (8)	Soluble	Solid	DI Leach	

Analysis Batch: 5813

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1015-14	BH-14 (4)	Soluble	Solid	300.0	5812
890-1015-15	BH-15 (4)	Soluble	Solid	300.0	5812
890-1015-16	BH-16 (4)	Soluble	Solid	300.0	5812
890-1015-17	SW-1 (6)	Soluble	Solid	300.0	5812
890-1015-18	SW-2 (8)	Soluble	Solid	300.0	5812
890-1015-19	SW-3 (8)	Soluble	Solid	300.0	5812
890-1015-20	SW-4 (7)	Soluble	Solid	300.0	5812
890-1015-21	SW-5 (8)	Soluble	Solid	300.0	5812
890-1015-22	SW-6 (8)	Soluble	Solid	300.0	5812
890-1015-23	SW-7 (5)	Soluble	Solid	300.0	5812
890-1015-24	SW-8 (8)	Soluble	Solid	300.0	5812
890-1015-25	SW-9 (4)	Soluble	Solid	300.0	5812
890-1015-26	SW-10 (7)	Soluble	Solid	300.0	5812
890-1015-27	SW-11 (7)	Soluble	Solid	300.0	5812
890-1015-28	SW-12 (7)	Soluble	Solid	300.0	5812
890-1015-29	SW-13 (8)	Soluble	Solid	300.0	5812
890-1015-30	SW-14 (4)	Soluble	Solid	300.0	5812
890-1015-31	SW-15 (4)	Soluble	Solid	300.0	5812
890-1015-32	SW-16 (5)	Soluble	Solid	300.0	5812
890-1015-33	SW-17 (7)	Soluble	Solid	300.0	5812
MB 880-5812/1-A	Method Blank	Soluble	Solid	300.0	5812
LCS 880-5812/2-A	Lab Control Sample	Soluble	Solid	300.0	5812
LCSD 880-5812/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	5812
890-1015-14 MS	BH-14 (4)	Soluble	Solid	300.0	5812
890-1015-14 MSD	BH-14 (4)	Soluble	Solid	300.0	5812
890-1015-24 MS	SW-8 (8)	Soluble	Solid	300.0	5812
890-1015-24 MSD	SW-8 (8)	Soluble	Solid	300.0	5812

Analysis Batch: 5829

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1015-1	BH-1 (6)	Soluble	Solid	300.0	5801
890-1015-2	BH-2 (8)	Soluble	Solid	300.0	5801
890-1015-3	BH-3 (4)	Soluble	Solid	300.0	5801
890-1015-4	BH-4 (4)	Soluble	Solid	300.0	5801
890-1015-5	BH-5 (4)	Soluble	Solid	300.0	5801
890-1015-6	BH-6 (7)	Soluble	Solid	300.0	5801
890-1015-7	BH-7 (7)	Soluble	Solid	300.0	5801
890-1015-8	BH-8 (8)	Soluble	Solid	300.0	5801
890-1015-9	BH-9 (5)	Soluble	Solid	300.0	5801
890-1015-10	BH-10 (5)	Soluble	Solid	300.0	5801
890-1015-11	BH-11 (5)	Soluble	Solid	300.0	5801
890-1015-12	BH-12 (5)	Soluble	Solid	300.0	5801
890-1015-13	BH-13 (4)	Soluble	Solid	300.0	5801
890-1015-34	SW-18 (4)	Soluble	Solid	300.0	5801
890-1015-35	SW-19 (8)	Soluble	Solid	300.0	5801
MB 880-5801/1-A	Method Blank	Soluble	Solid	300.0	5801
LCS 880-5801/2-A	Lab Control Sample	Soluble	Solid	300.0	5801

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1015-1
SDG: Eddy County NM

HPLC/IC (Continued)

Analysis Batch: 5829 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-5801/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	5801
890-1015-1 MS	BH-1 (6)	Soluble	Solid	300.0	5801
890-1015-1 MSD	BH-1 (6)	Soluble	Solid	300.0	5801
890-1015-11 MS	BH-11 (5)	Soluble	Solid	300.0	5801
890-1015-11 MSD	BH-11 (5)	Soluble	Solid	300.0	5801

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1015-1
SDG: Eddy County NM

Client Sample ID: BH-1 (6)

Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35

Lab Sample ID: 890-1015-1

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			5.03 g	5 mL	5783	07/29/21 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5785	07/29/21 15:21	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	5828	07/29/21 14:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5790	07/30/21 00:43	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	5801	07/29/21 12:29	CH	XEN MID
Soluble	Analysis	300.0		1			5829	07/30/21 01:05	CH	XEN MID

Client Sample ID: BH-2 (8)

Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35

Lab Sample ID: 890-1015-2

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			5.03 g	5 mL	5783	07/29/21 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5785	07/29/21 15:41	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	5828	07/29/21 14:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5790	07/30/21 01:46	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	5801	07/29/21 12:29	CH	XEN MID
Soluble	Analysis	300.0		1			5829	07/30/21 01:21	CH	XEN MID

Client Sample ID: BH-3 (4)

Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35

Lab Sample ID: 890-1015-3

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			5.00 g	5 mL	5783	07/29/21 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5785	07/29/21 16:02	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	5828	07/29/21 14:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5790	07/30/21 02:06	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	5801	07/29/21 12:29	CH	XEN MID
Soluble	Analysis	300.0		1			5829	07/30/21 01:26	CH	XEN MID

Client Sample ID: BH-4 (4)

Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35

Lab Sample ID: 890-1015-4

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			4.98 g	5 mL	5783	07/29/21 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5785	07/29/21 16:23	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	5828	07/29/21 14:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5790	07/30/21 02:27	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	5801	07/29/21 12:29	CH	XEN MID
Soluble	Analysis	300.0		1			5829	07/30/21 01:32	CH	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1015-1
SDG: Eddy County NM

Client Sample ID: BH-5 (4)

Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35

Lab Sample ID: 890-1015-5
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			5.00 g	5 mL	5783	07/29/21 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5785	07/29/21 16:43	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	5828	07/29/21 14:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5790	07/30/21 02:48	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	5801	07/29/21 12:29	CH	XEN MID
Soluble	Analysis	300.0		1			5829	07/30/21 01:37	CH	XEN MID

Client Sample ID: BH-6 (7)

Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35

Lab Sample ID: 890-1015-6
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			5.04 g	5 mL	5783	07/29/21 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5785	07/29/21 17:04	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	5828	07/29/21 14:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5790	07/30/21 03:09	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	5801	07/29/21 12:29	CH	XEN MID
Soluble	Analysis	300.0		1			5829	07/30/21 01:53	CH	XEN MID

Client Sample ID: BH-7 (7)

Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35

Lab Sample ID: 890-1015-7
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			4.98 g	5 mL	5783	07/29/21 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5785	07/29/21 17:25	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	5828	07/29/21 14:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5790	07/30/21 03:30	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	5801	07/29/21 12:29	CH	XEN MID
Soluble	Analysis	300.0		1			5829	07/30/21 01:59	CH	XEN MID

Client Sample ID: BH-8 (8)

Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35

Lab Sample ID: 890-1015-8
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	5783	07/29/21 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5785	07/29/21 17:46	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	5828	07/29/21 14:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5790	07/30/21 03:51	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	5801	07/29/21 12:29	CH	XEN MID
Soluble	Analysis	300.0		1			5829	07/30/21 02:04	CH	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1015-1
SDG: Eddy County NM

Client Sample ID: BH-9 (5)

Lab Sample ID: 890-1015-9
Matrix: Solid
Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35

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	5783	07/29/21 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5785	07/29/21 18:06	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	5828	07/29/21 14:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5790	07/30/21 04:12	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	5801	07/29/21 12:29	CH	XEN MID
Soluble	Analysis	300.0		1			5829	07/30/21 02:10	CH	XEN MID

Client Sample ID: BH-10 (5)

Lab Sample ID: 890-1015-10
Matrix: Solid
Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35

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	5783	07/29/21 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5785	07/29/21 18:27	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	5828	07/29/21 14:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5790	07/30/21 04:33	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	5801	07/29/21 12:29	CH	XEN MID
Soluble	Analysis	300.0		1			5829	07/30/21 02:15	CH	XEN MID

Client Sample ID: BH-11 (5)

Lab Sample ID: 890-1015-11
Matrix: Solid
Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35

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	5783	07/29/21 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5785	07/29/21 19:49	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	5828	07/29/21 14:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5790	07/30/21 05:15	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	5801	07/29/21 12:29	CH	XEN MID
Soluble	Analysis	300.0		1			5829	07/30/21 02:20	CH	XEN MID

Client Sample ID: BH-12 (5)

Lab Sample ID: 890-1015-12
Matrix: Solid
Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35

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	5783	07/29/21 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5785	07/29/21 20:10	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	5828	07/29/21 14:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5790	07/30/21 05:36	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	5801	07/29/21 12:29	CH	XEN MID
Soluble	Analysis	300.0		1			5829	07/30/21 02:36	CH	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1015-1
SDG: Eddy County NM

Client Sample ID: BH-13 (4)

Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35

Lab Sample ID: 890-1015-13
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			4.96 g	5 mL	5783	07/29/21 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5785	07/29/21 20:31	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	5828	07/29/21 14:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5790	07/30/21 05:57	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	5801	07/29/21 12:29	CH	XEN MID
Soluble	Analysis	300.0		1			5829	07/30/21 02:42	CH	XEN MID

Client Sample ID: BH-14 (4)

Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35

Lab Sample ID: 890-1015-14
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			5.04 g	5 mL	5783	07/29/21 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5785	07/29/21 20:51	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	5828	07/29/21 14:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5790	07/30/21 06:18	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	5812	07/29/21 13:06	CH	XEN MID
Soluble	Analysis	300.0		1			5813	07/29/21 14:39	CH	XEN MID

Client Sample ID: BH-15 (4)

Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35

Lab Sample ID: 890-1015-15
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	5783	07/29/21 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5785	07/29/21 21:12	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	5828	07/29/21 14:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5790	07/30/21 06:39	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	5812	07/29/21 13:06	CH	XEN MID
Soluble	Analysis	300.0		1			5813	07/29/21 14:55	CH	XEN MID

Client Sample ID: BH-16 (4)

Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35

Lab Sample ID: 890-1015-16
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	5783	07/29/21 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5785	07/29/21 21:33	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	5828	07/29/21 14:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5790	07/30/21 06:59	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	5812	07/29/21 13:06	CH	XEN MID
Soluble	Analysis	300.0		1			5813	07/29/21 15:00	CH	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1015-1
SDG: Eddy County NM

Client Sample ID: SW-1 (6)

Lab Sample ID: 890-1015-17
Matrix: Solid
Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	5783	07/29/21 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5785	07/29/21 21:54	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	5828	07/29/21 14:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5790	07/30/21 07:20	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	5812	07/29/21 13:06	CH	XEN MID
Soluble	Analysis	300.0		1			5813	07/29/21 15:06	CH	XEN MID

Client Sample ID: SW-2 (8)

Lab Sample ID: 890-1015-18
Matrix: Solid
Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35

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	5783	07/29/21 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5785	07/29/21 22:14	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	5828	07/29/21 14:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5790	07/30/21 07:41	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	5812	07/29/21 13:06	CH	XEN MID
Soluble	Analysis	300.0		1			5813	07/29/21 15:11	CH	XEN MID

Client Sample ID: SW-3 (8)

Lab Sample ID: 890-1015-19
Matrix: Solid
Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	5783	07/29/21 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5785	07/29/21 22:35	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	5828	07/29/21 14:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5790	07/30/21 08:02	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	5812	07/29/21 13:06	CH	XEN MID
Soluble	Analysis	300.0		1			5813	07/29/21 15:27	CH	XEN MID

Client Sample ID: SW-4 (7)

Lab Sample ID: 890-1015-20
Matrix: Solid
Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35

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	5783	07/29/21 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5785	07/29/21 22:56	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	5828	07/29/21 14:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5790	07/30/21 08:23	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	5812	07/29/21 13:06	CH	XEN MID
Soluble	Analysis	300.0		1			5813	07/29/21 15:33	CH	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1015-1
SDG: Eddy County NM

Client Sample ID: SW-5 (8)

Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35

Lab Sample ID: 890-1015-21
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			4.98 g	5 mL	5786	07/29/21 09:42	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5781	07/29/21 23:08	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	5830	07/29/21 14:51	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5794	07/30/21 00:43	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	5812	07/29/21 13:06	CH	XEN MID
Soluble	Analysis	300.0		1			5813	07/29/21 15:38	CH	XEN MID

Client Sample ID: SW-6 (8)

Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35

Lab Sample ID: 890-1015-22
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			5.03 g	5 mL	5786	07/29/21 09:42	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5781	07/29/21 23:28	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	5830	07/29/21 14:51	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5794	07/30/21 01:46	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	5812	07/29/21 13:06	CH	XEN MID
Soluble	Analysis	300.0		1			5813	07/29/21 15:44	CH	XEN MID

Client Sample ID: SW-7 (5)

Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35

Lab Sample ID: 890-1015-23
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			5.00 g	5 mL	5786	07/29/21 09:42	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5781	07/29/21 23:49	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	5830	07/29/21 14:51	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5794	07/30/21 02:06	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	5812	07/29/21 13:06	CH	XEN MID
Soluble	Analysis	300.0		1			5813	07/29/21 15:49	CH	XEN MID

Client Sample ID: SW-8 (8)

Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35

Lab Sample ID: 890-1015-24
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	5786	07/29/21 09:42	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5781	07/30/21 00:09	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	5830	07/29/21 14:51	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5794	07/30/21 02:27	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	5812	07/29/21 13:06	CH	XEN MID
Soluble	Analysis	300.0		1			5813	07/29/21 15:54	CH	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1015-1
SDG: Eddy County NM

Client Sample ID: SW-9 (4)

Lab Sample ID: 890-1015-25
Matrix: Solid
Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35

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	5786	07/29/21 09:42	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5781	07/30/21 00:30	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	5830	07/29/21 14:51	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5794	07/30/21 02:48	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	5812	07/29/21 13:06	CH	XEN MID
Soluble	Analysis	300.0		1			5813	07/29/21 16:11	CH	XEN MID

Client Sample ID: SW-10 (7)

Lab Sample ID: 890-1015-26
Matrix: Solid
Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35

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	5786	07/29/21 09:42	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5781	07/30/21 00:50	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	5830	07/29/21 14:51	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5794	07/30/21 03:09	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	5812	07/29/21 13:06	CH	XEN MID
Soluble	Analysis	300.0		1			5813	07/29/21 16:16	CH	XEN MID

Client Sample ID: SW-11 (7)

Lab Sample ID: 890-1015-27
Matrix: Solid
Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	5786	07/29/21 09:42	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5781	07/30/21 01:10	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	5830	07/29/21 14:51	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5794	07/30/21 03:30	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	5812	07/29/21 13:06	CH	XEN MID
Soluble	Analysis	300.0		1			5813	07/29/21 16:32	CH	XEN MID

Client Sample ID: SW-12 (7)

Lab Sample ID: 890-1015-28
Matrix: Solid
Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35

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	5786	07/29/21 09:42	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5781	07/30/21 01:31	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	5830	07/29/21 14:51	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5794	07/30/21 03:51	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	5812	07/29/21 13:06	CH	XEN MID
Soluble	Analysis	300.0		1			5813	07/29/21 16:37	CH	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1015-1
Project/Site: Falcon CDP SDG: Eddy County NM

Client Sample ID: SW-13 (8) Lab Sample ID: 890-1015-29

Date Collected: 07/27/21 00:00 **Matrix: Solid**
Date Received: 07/27/21 15:35

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	5786	07/29/21 09:42	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5781	07/30/21 01:51	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	5830	07/29/21 14:51	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5794	07/30/21 04:12	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	5812	07/29/21 13:06	CH	XEN MID
Soluble	Analysis	300.0		1			5813	07/29/21 16:43	CH	XEN MID

Client Sample ID: SW-14 (4) Lab Sample ID: 890-1015-30

Date Collected: 07/27/21 00:00 **Matrix: Solid**
Date Received: 07/27/21 15:35

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	5786	07/29/21 09:42	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5781	07/30/21 02:12	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	5830	07/29/21 14:51	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5794	07/30/21 04:33	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	5812	07/29/21 13:06	CH	XEN MID
Soluble	Analysis	300.0		1			5813	07/29/21 16:48	CH	XEN MID

Client Sample ID: SW-15 (4) Lab Sample ID: 890-1015-31

Date Collected: 07/27/21 00:00 **Matrix: Solid**
Date Received: 07/27/21 15:35

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	5786	07/29/21 09:42	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5781	07/30/21 03:34	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	5830	07/29/21 14:51	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5794	07/30/21 05:15	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	5812	07/29/21 13:06	CH	XEN MID
Soluble	Analysis	300.0		1			5813	07/29/21 16:54	CH	XEN MID

Client Sample ID: SW-16 (5) Lab Sample ID: 890-1015-32

Date Collected: 07/27/21 00:00 **Matrix: Solid**
Date Received: 07/27/21 15:35

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	5786	07/29/21 09:42	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5781	07/30/21 03:54	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	5830	07/29/21 14:51	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5794	07/30/21 05:36	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	5812	07/29/21 13:06	CH	XEN MID
Soluble	Analysis	300.0		1			5813	07/29/21 16:59	CH	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1015-1
SDG: Eddy County NM

Client Sample ID: SW-17 (7)

Lab Sample ID: 890-1015-33
Matrix: Solid
Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35

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	5786	07/29/21 09:42	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5781	07/30/21 04:14	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	5830	07/29/21 14:51	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5794	07/30/21 05:57	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	5812	07/29/21 13:06	CH	XEN MID
Soluble	Analysis	300.0		1			5813	07/29/21 17:05	CH	XEN MID

Client Sample ID: SW-18 (4)

Lab Sample ID: 890-1015-34
Matrix: Solid
Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35

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	5786	07/29/21 09:42	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5781	07/30/21 04:35	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	5830	07/29/21 14:51	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5794	07/30/21 06:18	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	5801	07/29/21 12:29	CH	XEN MID
Soluble	Analysis	300.0		1			5829	07/30/21 02:58	CH	XEN MID

Client Sample ID: SW-19 (8)

Lab Sample ID: 890-1015-35
Matrix: Solid
Date Collected: 07/27/21 00:00
Date Received: 07/27/21 15:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	5786	07/29/21 09:42	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5781	07/30/21 04:55	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	5830	07/29/21 14:51	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5794	07/30/21 06:39	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	5801	07/29/21 12:29	CH	XEN MID
Soluble	Analysis	300.0		1			5829	07/30/21 03:03	CH	XEN MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1015-1
SDG: Eddy County NM

Laboratory: Eurofins Xenco, Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-20-21	06-30-22

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
8015B NM	8015NM Prep	Solid	Total TPH
8021B	5035	Solid	Total BTEX

Method Summary

Client: Tetra Tech, Inc. Job ID: 890-1015-1
Project/Site: Falcon CDP SDG: Eddy County NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN 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.

Laboratory References:

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

Sample Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1015-1
SDG: Eddy County NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-1015-1	BH-1 (6)	Solid	07/27/21 00:00	07/27/21 15:35	- 6
890-1015-2	BH-2 (8)	Solid	07/27/21 00:00	07/27/21 15:35	- 8
890-1015-3	BH-3 (4)	Solid	07/27/21 00:00	07/27/21 15:35	- 4
890-1015-4	BH-4 (4)	Solid	07/27/21 00:00	07/27/21 15:35	- 4
890-1015-5	BH-5 (4)	Solid	07/27/21 00:00	07/27/21 15:35	- 4
890-1015-6	BH-6 (7)	Solid	07/27/21 00:00	07/27/21 15:35	- 7
890-1015-7	BH-7 (7)	Solid	07/27/21 00:00	07/27/21 15:35	- 7
890-1015-8	BH-8 (8)	Solid	07/27/21 00:00	07/27/21 15:35	- 8
890-1015-9	BH-9 (5)	Solid	07/27/21 00:00	07/27/21 15:35	- 5
890-1015-10	BH-10 (5)	Solid	07/27/21 00:00	07/27/21 15:35	- 5
890-1015-11	BH-11 (5)	Solid	07/27/21 00:00	07/27/21 15:35	- 5
890-1015-12	BH-12 (5)	Solid	07/27/21 00:00	07/27/21 15:35	- 5
890-1015-13	BH-13 (4)	Solid	07/27/21 00:00	07/27/21 15:35	- 4
890-1015-14	BH-14 (4)	Solid	07/27/21 00:00	07/27/21 15:35	- 4
890-1015-15	BH-15 (4)	Solid	07/27/21 00:00	07/27/21 15:35	- 4
890-1015-16	BH-16 (4)	Solid	07/27/21 00:00	07/27/21 15:35	- 4
890-1015-17	SW-1 (6)	Solid	07/27/21 00:00	07/27/21 15:35	- 6
890-1015-18	SW-2 (8)	Solid	07/27/21 00:00	07/27/21 15:35	- 8
890-1015-19	SW-3 (8)	Solid	07/27/21 00:00	07/27/21 15:35	- 8
890-1015-20	SW-4 (7)	Solid	07/27/21 00:00	07/27/21 15:35	- 7
890-1015-21	SW-5 (8)	Solid	07/27/21 00:00	07/27/21 15:35	- 8
890-1015-22	SW-6 (8)	Solid	07/27/21 00:00	07/27/21 15:35	- 8
890-1015-23	SW-7 (5)	Solid	07/27/21 00:00	07/27/21 15:35	- 5
890-1015-24	SW-8 (8)	Solid	07/27/21 00:00	07/27/21 15:35	- 8
890-1015-25	SW-9 (4)	Solid	07/27/21 00:00	07/27/21 15:35	- 4
890-1015-26	SW-10 (7)	Solid	07/27/21 00:00	07/27/21 15:35	- 7
890-1015-27	SW-11 (7)	Solid	07/27/21 00:00	07/27/21 15:35	- 7
890-1015-28	SW-12 (7)	Solid	07/27/21 00:00	07/27/21 15:35	- 7
890-1015-29	SW-13 (8)	Solid	07/27/21 00:00	07/27/21 15:35	- 8
890-1015-30	SW-14 (4)	Solid	07/27/21 00:00	07/27/21 15:35	- 4
890-1015-31	SW-15 (4)	Solid	07/27/21 00:00	07/27/21 15:35	- 4
890-1015-32	SW-16 (5)	Solid	07/27/21 00:00	07/27/21 15:35	- 5
890-1015-33	SW-17 (7)	Solid	07/27/21 00:00	07/27/21 15:35	- 7
890-1015-34	SW-18 (4)	Solid	07/27/21 00:00	07/27/21 15:35	- 4
890-1015-35	SW-19 (8)	Solid	07/27/21 00:00	07/27/21 15:35	- 8

Page 467 of 821

7/30/2021

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

901W Wall Street, Ste 100
Midland,Texas 79705
Tel (432) 682-4559
Fax
(432) 682-3946

890-1015 Chain of Custody

Client Name:	EnLink Midstream	**Site Manager:**	Brittany Long
Project Name:	Falcon CDP		
Project Location: (county, state)	Eddy County, New Mexico	**Project #:**	212C-MD-02376
Invoice to:	Mike Luckett - EnLink Midstream		
Receiving Laboratory:	Eurofins Xenco	**Sampler Signature:**	Ezequiel Moreno
Comments:			

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2020 DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD None	# CONTAINERS	FILTERED (Y/N)	ANAL BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance				Hold
	BH-1 (6')	7/27/2021			X				X				X		X												X							
	BH-2 (8')	7/27/2021			X				X				X		X												X							
	BH-3 (4')	7/27/2021			X				X				X		X												X							
	BH-4 (4')	7/27/2021			X				X				X		X												X							
	BH-5 (4')	7/27/2021			X				X				X		X												X							
	BH-6 (7')	7/27/2021			X				X				X		X												X							
	BH-7 (7')	7/27/2021			X				X				X		X												X							
	BH-8 (8')	7/27/2021			X				X				X		X												X							
	BH-9 (5')	7/27/2021			X				X				X		X												X							
	BH-10 (5')	7/27/2021			X				X				X		X												X							

Relinquished by: Meghan Taylor	Date:	Time:	Received by: Cloe Clifton 7-27-21 1535
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

LAB USE ONLY

Sample Temperature 8.4 8.2

REMARKS:

- ☐ STANDARD
- ☒ RUSH: Same Day 24 hr 48 hr 72 hr
- ☐ Rush Charges Authorized
- ☐ Special Report Limits or TRRP Report

CKC MT

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Page 468 of 821

7/30/2021

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

901W Wall Street, Ste 100
Midland,Texas 79705
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: EnLink Midstream	**Site Manager:** Brittany Long
Project Name: Falcon CDP	
Project Location: (county, state) Eddy County, New Mexico	**Project #:** 212C-MD-02376
Invoice to: Mike Luckett - EnLink Midstream	
Receiving Laboratory: Eurofins Xenco	**Sampler Signature:** Ezequiel Moreno
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2020 DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD None		# CONTAINERS	FILTERED (Y/N)	BTEX 8021B	BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance				Hold
	BH-11 (5')	7/27/2021			X				X					X		X													X							
	BH-12 (5')	7/27/2021			X				X					X		X													X							
	BH-13 (4')	7/27/2021			X				X					X		X													X							
	BH-14 (4')	7/27/2021			X				X					X		X													X							
	BH-15 (4')	7/27/2021			X				X					X		X													X							
	BH-16 (4')	7/27/2021			X				X					X		X													X							
	SW-1 (6')	7/27/2021			X				X					X		X													X							
	SW-2 (8')	7/27/2021			X				X					X		X													X							
	SW-3 (8')	7/27/2021			X				X					X		X													X							
	SW-4 (7')	7/27/2021			X				X					X		X													X							

Relinquished by: Mylan Taylor	Date:	Time:	Received by: Cole Cf 7.27.21 1535
Relinquished by:	Date:	Time:	Received by: Date: Time:
Relinquished by:	Date:	Time:	Received by: Date: Time:

LAB USE ONLY

Sample Temperature 8.4 8.2

REMARKS:

- ☐ STANDARD
- ☒ RUSH: Same Day 24 hr 48 hr 72 hr
- ☐ Rush Charges Authorized
- ☐ Special Report Limits or TRRP Report

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Page 469 of 821

7/30/2021

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

901W Wall Street, Ste 100
Midland,Texas 79705
Tel (432) 682-4559
Fax (432) 682-3946

Client Name:	EnLink Midstream	**Site Manager:**	Brittany Long
Project Name:	Falcon CDP		
Project Location: (county, state)	Eddy County, New Mexico	**Project #:**	212C-MD-02376
Invoice to:	Mike Luckett - EnLink Midstream		
Receiving Laboratory:	Eurofins Xenco	**Sampler Signature:**	Ezequiel Moreno
Comments:			

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2020 DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD None	PRESERVATIVE METHOD	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance				Hold
	SW-5 (8')	7/27/2021			X				X					X		X												X							
	SW-6 (8')	7/27/2021			X				X					X		X												X							
	SW-7 (5')	7/27/2021			X				X					X		X												X							
	SW-8 (8')	7/27/2021			X				X					X		X												X							
	SW-9 (4')	7/27/2021			X				X					X		X												X							
	SW-10 (7')	7/27/2021			X				X					X		X												X							
	SW-11 (7')	7/27/2021			X				X					X		X												X							
	SW-12 (7')	7/27/2021			X				X					X		X												X							
	SW-13 (8')	7/27/2021			X				X					X		X												X							
	SW-14 (4')	7/27/2021			X				X					X		X												X							

Relinquished by: Mychal Taylor	Date:	Time:	Received by: Cue Cuff	Date: 7.29.21	Time: 1535
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

LAB USE ONLY

Sample Temperature

REMARKS:

- ☐ STANDARD
- ☒ RUSH: Same Day 24 hr 48 hr (72 hr)
- ☐ Rush Charges Authorized
- ☐ Special Report Limits or TRRP Report

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Page 470 of 821

7/30/2021

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

901W Wall Street, Ste 100
Midland,Texas 79705
Tel (432) 682-4559
Fax (432) 682-3946

Client Name:	EnLink Midstream	**Site Manager:**	Brittany Long
Project Name:	Falcon CDP		
Project Location: (county, state)	Eddy County, New Mexico	**Project #:**	212C-MD-02376
Invoice to:	Mike Luckett - EnLink Midstream		
Receiving Laboratory:	Eurofins Xenco	**Sampler Signature:**	Ezequiel Moreno
Comments:			

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2020 DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD None	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Sulfate	TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	BTEX 8260B	Hold
	SW-15 (4')	7/27/2021			X				X				X		X												X						
	SW-16 (5')	7/27/2021			X				X				X		X												X						
	SW-17 (7')	7/27/2021			X				X				X		X												X						
	SW-18 (4')	7/27/2021			X				X				X		X												X						
	SW-19 (8')	7/27/2021			X				X				X		X												X						

Relinquished by: Mychal Taylor	Date:	Time:	Received by: Cloe Cruz	Date: 7-27-21	Time: 1535
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

LAB USE ONLY

Sample Temperature
8.4
8.3

REMARKS:

- ☐ STANDARD
- ☒ ~~RUSH: Same Day 24 hr 48 hr 72 hr~~
- ☐ Rush Charges Authorized
- ☐ Special Report Limits or TRRP Report

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Eurofins Xenco, Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone 575-988-3199 Fax 575-988-3199

Chain of Custody Record

eurofins | Environment Testing America

Client Information (Sub Contract Lab)	Sampler	Lab PM: Kramer, Jessica	Carrier Tracking No(s):	COC No: 890-322 1
Client Contact: Shipping/Receiving	Phone	E-Mail: jessica.kramer@eurofinset.com	State of Origin: New Mexico	Page: Page 1 of 4
Company: Eurofins Xenco		Accreditations Required (See note): NELAP - Louisiana, NELAP - Texas		Job #: 890-1015-1
Address: 1211 W Florida Ave, ,	Due Date Requested: 7/30/2021			
City: Midland	TAT Requested (days):			
State, Zip: TX, 79701	PO #:			
Phone: 432-704-5440(Tel)	WO #:			
Email:				
Project Name: Falcon CDP	Project #: 88000039			
Site:	SSOW#:			

Analysis Requested

Preservation Codes.

A	HCL	M	Hexane
B	NaOH	N	None
C	Zn Acetate	O	AsNaO2
D	Nitric Acid	P	Na2O4S
E	NaHSO4	Q	Na2SO3
F	MeOH	R	Na2S2O3
G	Amchlor	S	H2SO4
H	Ascorbic Acid	T	TSP Dodecahydrate
I	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	Z	other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_NM/8015NM_S_Prep (MOD) Full TPH	8021B/5035FP_Calc BTEX	300_ORGFM_28D/DI_LEACH Chloride	Total Number of containers	Special Instructions/Note
			Preservation Code:								
BH-1 (6) (890-1015-1)	7/27/21	Mountain		Solid			X	X	X	1	
BH-2 (8) (890-1015-2)	7/27/21	Mountain		Solid			X	X	X	1	
BH-3 (4) (890-1015-3)	7/27/21	Mountain		Solid			X	X	X	1	
BH-4 (4) (890-1015-4)	7/27/21	Mountain		Solid			X	X	X	1	
BH-5 (4) (890-1015-5)	7/27/21	Mountain		Solid			X	X	X	1	
BH-6 (7) (890-1015-6)	7/27/21	Mountain		Solid			X	X	X	1	
BH-7 (7) (890-1015-7)	7/27/21	Mountain		Solid			X	X	X	1	
BH-8 (8) (890-1015-8)	7/27/21	Mountain		Solid			X	X	X	1	
BH-9 (5) (890-1015-9)	7/27/21	Mountain		Solid			X	X	X	1	

Note Since laboratory accreditations are subject to change Eurofins Xenco LLC places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins Xenco LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said complicance to Eurofins Xenco LLC

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested I II III, IV Other (specify) Primary Deliverable Rank 2	Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment

Relinquished by: Clive Cuff 7.28.21	Date/Time:	Company	Received by:	Date/Time: 7-29-21 11:30am	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company
Relinquished by	Date/Time:	Company	Received by	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks

Page 471 of 821
Received by OCD: 9/14/2021 1:19:38 PM
7/30/2021
Page 63 of 65
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Login Sample Receipt Checklist

Client: Tetra Tech, Inc.

Job Number: 890-1015-1
SDG Number: Eddy County NM

Login Number: 1015
List Number: 1
Creator: Clifton, Cloe

List Source: Eurofins Xenco, 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: Tetra Tech, Inc.

Job Number: 890-1015-1
SDG Number: Eddy County NM

Login Number: 1015
List Number: 2
Creator: Copeland, Tatiana

List Source: Eurofins Xenco, Midland
List Creation: 07/29/21 10:35 AM

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.	True	
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").	True	

eurofins | Environment Testing America



ANALYTICAL REPORT

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

Laboratory Job ID: 890-1068-1
Laboratory Sample Delivery Group: 212C-MD-02376
Client Project/Site: Falcon CDP

For:
Tetra Tech, Inc.
901 W Wall
Ste 100
Midland, Texas 79701

Attn: Clair Gonzales

Authorized for release by:
8/9/2021 5:55:20 PM

Jessica Kramer, Project Manager
(432)704-5440
jessica.kramer@eurofinset.com

LINKS

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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: Tetra Tech, Inc.
Project/Site: Falcon CDP

Laboratory Job ID: 890-1068-1
SDG: 212C-MD-02376

Table of Contents

Cover Page 1
Table of Contents 2
Definitions/Glossary 3
Case Narrative 4
Client Sample Results 5
Surrogate Summary 7
QC Sample Results 8
QC Association Summary 11
Lab Chronicle 12
Certification Summary 13
Method Summary 14
Sample Summary 15
Chain of Custody 16
Receipt Checklists 18

Definitions/Glossary

Client: Tetra Tech, Inc. Job ID: 890-1068-1
Project/Site: Falcon CDP SDG: 212C-MD-02376

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1068-1
SDG: 212C-MD-02376

Job ID: 890-1068-1

Laboratory: Eurofins Xenco, Carlsbad

Narrative

Job Narrative
890-1068-1

Receipt
The samples were received on 8/6/2021 2:11 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 7.2°C

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

GC Semi VOA
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: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1068-1
SDG: 212C-MD-02376

Client Sample ID: H-1A

Date Collected: 08/06/21 00:00
Date Received: 08/06/21 14:11

Lab Sample ID: 890-1068-1
Matrix: Solid

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		08/08/21 11:50	08/09/21 11:25	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/08/21 11:50	08/09/21 11:25	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/08/21 11:50	08/09/21 11:25	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/08/21 11:50	08/09/21 11:25	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/08/21 11:50	08/09/21 11:25	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/08/21 11:50	08/09/21 11:25	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		08/08/21 11:50	08/09/21 11:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*08/08/21 11:50*	*08/09/21 11:25*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*08/08/21 11:50*	*08/09/21 11:25*	*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		08/09/21 09:15	08/09/21 12:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/09/21 09:15	08/09/21 12:46	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/09/21 09:15	08/09/21 12:46	1
Total TPH	<50.0	U	50.0		mg/Kg		08/09/21 09:15	08/09/21 12:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*113*		*70 - 130*	*08/09/21 09:15*	*08/09/21 12:46*	*1*
o-Terphenyl	*120*		*70 - 130*	*08/09/21 09:15*	*08/09/21 12:46*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5.49**		5.00		mg/Kg			08/09/21 14:53	1

Client Sample ID: H-2A

Date Collected: 08/06/21 00:00
Date Received: 08/06/21 14:11

Lab Sample ID: 890-1068-2
Matrix: Solid

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		08/08/21 11:50	08/09/21 11:46	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/08/21 11:50	08/09/21 11:46	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/08/21 11:50	08/09/21 11:46	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		08/08/21 11:50	08/09/21 11:46	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/08/21 11:50	08/09/21 11:46	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		08/08/21 11:50	08/09/21 11:46	1
Total BTEX	<0.00397	U	0.00397		mg/Kg		08/08/21 11:50	08/09/21 11:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*08/08/21 11:50*	*08/09/21 11:46*	*1*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*	*08/08/21 11:50*	*08/09/21 11:46*	*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		08/09/21 09:15	08/09/21 13:49	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1068-1
SDG: 212C-MD-02376

Client Sample ID: H-2A
Date Collected: 08/06/21 00:00
Date Received: 08/06/21 14:11

Lab Sample ID: 890-1068-2
Matrix: Solid

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)	<49.9	U	49.9		mg/Kg		08/09/21 09:15	08/09/21 13:49	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/09/21 09:15	08/09/21 13:49	1
Total TPH	<49.9	U	49.9		mg/Kg		08/09/21 09:15	08/09/21 13:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*105*		*70 - 130*	*08/09/21 09:15*	*08/09/21 13:49*	*1*
o-Terphenyl	*117*		*70 - 130*	*08/09/21 09:15*	*08/09/21 13:49*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.98	U	4.98		mg/Kg			08/09/21 15:09	1

Surrogate Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1068-1
SDG: 212C-MD-02376

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
890-1068-1	H-1A	111	105
890-1068-2	H-2A	114	112

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)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
890-1068-1	H-1A	113	120
890-1068-1 MS	H-1A	107	99
890-1068-1 MSD	H-1A	102	101
890-1068-2	H-2A	105	117
LCS 880-6236/2-A	Lab Control Sample	106	103
LCSD 880-6236/3-A	Lab Control Sample Dup	95	93
MB 880-6236/1-A	Method Blank	103	112

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1068-1
SDG: 212C-MD-02376

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

Lab Sample ID: MB 880-6236/1-A
Matrix: Solid
Analysis Batch: 6234

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 6236

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		08/09/21 09:15	08/09/21 11:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/09/21 09:15	08/09/21 11:44	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/09/21 09:15	08/09/21 11:44	1
Total TPH	<50.0	U	50.0		mg/Kg		08/09/21 09:15	08/09/21 11:44	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*103*		*70 - 130*	*08/09/21 09:15*	*08/09/21 11:44*	*1*
o-Terphenyl	*112*		*70 - 130*	*08/09/21 09:15*	*08/09/21 11:44*	*1*

Lab Sample ID: LCS 880-6236/2-A
Matrix: Solid
Analysis Batch: 6234

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 6236

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1014		mg/Kg		101	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1047		mg/Kg		105	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*106*		*70 - 130*
o-Terphenyl	*103*		*70 - 130*

Lab Sample ID: LCSD 880-6236/3-A
Matrix: Solid
Analysis Batch: 6234

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 6236

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	929.7		mg/Kg		93	70 - 130	9	20
Diesel Range Organics (Over C10-C28)			1000	943.9		mg/Kg		94	70 - 130	10	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*95*		*70 - 130*
o-Terphenyl	*93*		*70 - 130*

Lab Sample ID: 890-1068-1 MS
Matrix: Solid
Analysis Batch: 6234

Client Sample ID: H-1A
Prep Type: Total/NA
Prep Batch: 6236

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	995	1224		mg/Kg		120	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	995	1173		mg/Kg		118	70 - 130		

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1068-1
SDG: 212C-MD-02376

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

Lab Sample ID: 890-1068-1 MS
Matrix: Solid
Analysis Batch: 6234

Client Sample ID: H-1A
Prep Type: Total/NA
Prep Batch: 6236

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*107*		*70 - 130*
o-Terphenyl	*99*		*70 - 130*

Lab Sample ID: 890-1068-1 MSD
Matrix: Solid
Analysis Batch: 6234

Client Sample ID: H-1A
Prep Type: Total/NA
Prep Batch: 6236

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	1186		mg/Kg		116	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	1157		mg/Kg		116	70 - 130	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*102*		*70 - 130*
o-Terphenyl	*101*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-6251/1-A
Matrix: Solid
Analysis Batch: 6253

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			08/09/21 14:36	1

Lab Sample ID: LCS 880-6251/2-A
Matrix: Solid
Analysis Batch: 6253

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	255.0		mg/Kg		102	90 - 110

Lab Sample ID: LCSD 880-6251/3-A
Matrix: Solid
Analysis Batch: 6253

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	254.8		mg/Kg		102	90 - 110	0	20

Lab Sample ID: 890-1068-1 MS
Matrix: Solid
Analysis Batch: 6253

Client Sample ID: H-1A
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	5.49		250	260.2		mg/Kg		102	90 - 110

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1068-1
SDG: 212C-MD-02376

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-1068-1 MSD
Matrix: Solid
Analysis Batch: 6253

Client Sample ID: H-1A
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	5.49		250	259.9		mg/Kg		102	90 - 110	0	20

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1068-1
SDG: 212C-MD-02376

GC VOA

Analysis Batch: 6206

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1068-1	H-1A	Total/NA	Solid	8021B	6208
890-1068-2	H-2A	Total/NA	Solid	8021B	6208

Prep Batch: 6208

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1068-1	H-1A	Total/NA	Solid	5035	
890-1068-2	H-2A	Total/NA	Solid	5035	

GC Semi VOA

Analysis Batch: 6234

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1068-1	H-1A	Total/NA	Solid	8015B NM	6236
890-1068-2	H-2A	Total/NA	Solid	8015B NM	6236
MB 880-6236/1-A	Method Blank	Total/NA	Solid	8015B NM	6236
LCS 880-6236/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	6236
LCSD 880-6236/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	6236
890-1068-1 MS	H-1A	Total/NA	Solid	8015B NM	6236
890-1068-1 MSD	H-1A	Total/NA	Solid	8015B NM	6236

Prep Batch: 6236

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1068-1	H-1A	Total/NA	Solid	8015NM Prep	
890-1068-2	H-2A	Total/NA	Solid	8015NM Prep	
MB 880-6236/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-6236/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-6236/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1068-1 MS	H-1A	Total/NA	Solid	8015NM Prep	
890-1068-1 MSD	H-1A	Total/NA	Solid	8015NM Prep	

HPLC/IC

Leach Batch: 6251

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1068-1	H-1A	Soluble	Solid	DI Leach	
890-1068-2	H-2A	Soluble	Solid	DI Leach	
MB 880-6251/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-6251/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-6251/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-1068-1 MS	H-1A	Soluble	Solid	DI Leach	
890-1068-1 MSD	H-1A	Soluble	Solid	DI Leach	

Analysis Batch: 6253

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1068-1	H-1A	Soluble	Solid	300.0	6251
890-1068-2	H-2A	Soluble	Solid	300.0	6251
MB 880-6251/1-A	Method Blank	Soluble	Solid	300.0	6251
LCS 880-6251/2-A	Lab Control Sample	Soluble	Solid	300.0	6251
LCSD 880-6251/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	6251
890-1068-1 MS	H-1A	Soluble	Solid	300.0	6251
890-1068-1 MSD	H-1A	Soluble	Solid	300.0	6251

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1068-1
SDG: 212C-MD-02376

Client Sample ID: H-1A

Date Collected: 08/06/21 00:00
Date Received: 08/06/21 14:11

Lab Sample ID: 890-1068-1

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	6208	08/08/21 11:50	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6206	08/09/21 11:25	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	6236	08/09/21 09:15	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6234	08/09/21 12:46	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	6251	08/09/21 14:06	SC	XEN MID
Soluble	Analysis	300.0		1			6253	08/09/21 14:53	CH	XEN MID

Client Sample ID: H-2A

Date Collected: 08/06/21 00:00
Date Received: 08/06/21 14:11

Lab Sample ID: 890-1068-2

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			5.04 g	5 mL	6208	08/08/21 11:50	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6206	08/09/21 11:46	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	6236	08/09/21 09:15	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6234	08/09/21 13:49	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	6251	08/09/21 14:06	SC	XEN MID
Soluble	Analysis	300.0		1			6253	08/09/21 15:09	CH	XEN MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1068-1
SDG: 212C-MD-02376

Laboratory: Eurofins Xenco, Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-20-21	06-30-22

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
8015B NM	8015NM Prep	Solid	Total TPH
8021B	5035	Solid	Total BTEX

Method Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1068-1
SDG: 212C-MD-02376

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN 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.

Laboratory References:

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

Sample Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1068-1
SDG: 212C-MD-02376

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
890-1068-1	H-1A	Solid	08/06/21 00:00	08/06/21 14:11
890-1068-2	H-2A	Solid	08/06/21 00:00	08/06/21 14:11

Page 489 of 821

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

901W Wall Street, Ste 100
Midland,Texas 79705
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: EnLink	Site Manager: Brittany Long
Project Name: Falcon CDP	
Project Location: (county, state) Eddy County, New Mexico	Project #: 212C-MD-02376
Invoice to: Mike Luckett - EnLink	
Receiving Laboratory: Eurofins Xenco	Sampler Signature: Ezequiel Moreno
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE (YEAR: 2020)	SAMPLING TIME	MATRIX: WATER	MATRIX: SOIL	PRESERVATIVE METHOD: HCL	PRESERVATIVE METHOD: HNO_3	PRESERVATIVE METHOD: ICE	PRESERVATIVE METHOD: None	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Sulfate TDS	Chloride	General Water Chemistry (see attached list)	Anion/Cation Balance	Hold
	EMF EMR H-1A	8/6/2021			X			X				X		X												X					
	EMR H-2A	8/6/2021			X			X				X		X												X					

890-1068 Chain of Custody

Relinquished by:	Date:	Time:	Received by: Date: 8.6.21 Time: 1407
Relinquished by:	Date:	Time:	Received by: Date: Time:
Relinquished by:	Date:	Time:	Received by: Date: Time:

LAB USE ONLY
Sample Temperature
7.4
7.2

REMARKS:
☐ STANDARD
☒ RUSH: Same Day (24 hr) 48 hr 72 hr
☐ Rush Charges Authorized
☐ Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #: _____

ORIGINAL COPY

Received by OCD: 9/14/2021 1:19:38 PM

Released to Imaging: 1/6/2022 8:12:55 AM

Eurofins Xenco, Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone 575-988-3199 Fax. 575-988-3199

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kramer Jessica	Carrier Tracking No(s):	COC No: 890-339 1
Client Contact: Shipping/Receiving	Phone:	E-Mail: jessica.kramer@eurofinset.com	State of Origin: New Mexico	Page: Page 1 of 1
Company: Eurofins Xenco		Accreditations Required (See note): NELAP - Louisiana, NELAP - Texas		Job #: 890-1068-1
Address: 1211 W Florida Ave, ,	Due Date Requested: 8/9/2021			
City: Midland	TAT Requested (days):			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #:			
Email:	WO #:			
Project Name: Falcon CDP	Project #: 88000039			
Site	SSOW#:			

Analysis Requested

Preservation Codes:

A	HCL	M	Hexane
B	NaOH	N	None
C	Zn Acetate	O	AsNaO2
D	Nitric Acid	P	Na2O4S
E	NaHSO4	Q	Na2SO3
F	MeOH	R	Na2S2O3
G	Amchlor	S	H2SO4
H	Ascorbic Acid	T	TSP Dodecahydrate
I	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	Z	other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_NM/8015NM_S_Prep (MOD) Full TPH	8021B/5035FP_Calc BTEX	300_ORGFM_28D/DI_LEACH Chloride	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
H-1A (890-1068-1)	8/6/21	Mountain		Solid			X	X	X	1	
H-2A (890-1068-2)	8/6/21	Mountain		Solid			X	X	X	1	

Note: Since laboratory accreditations are subject to change Eurofins Xenco LLC places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins Xenco LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said complicance to Eurofins Xenco LLC

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested I II, III, IV, Other (specify) Primary Deliverable Rank 2	Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment:

Relinquished by: Clue Corp 8.6.21	Date/Time:	Company	Received by:	Date/Time: 8-7-21 9:00 am	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company

Custody Seals Intact. Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks

Page 490 of 821
Received by OCD: 9/14/2021 1:19:38 PM
Page 17 of 19
8/9/2021
Released to Imaging: 1/6/2022 8:12:55 AM

Login Sample Receipt Checklist

Client: Tetra Tech, Inc.

Job Number: 890-1068-1
SDG Number: 212C-MD-02376

Login Number: 1068
List Number: 1
Creator: Clifton, Cloe

List Source: Eurofins Xenco, 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: Tetra Tech, Inc.

Job Number: 890-1068-1
SDG Number: 212C-MD-02376

Login Number: 1068
List Number: 2
Creator: Copeland, Tatiana

List Source: Eurofins Xenco, Midland
List Creation: 08/09/21 08:59 AM

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.	True	
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").	True	

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ANALYTICAL REPORT

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

Laboratory Job ID: 890-1076-1
Laboratory Sample Delivery Group: Eddy County NM
Client Project/Site: Falcon CDP

For:
Tetra Tech, Inc.
901 W Wall
Ste 100
Midland, Texas 79701

Attn: Clair Gonzales

JKramer

Authorized for release by:
8/10/2021 4:43:36 PM

Jessica Kramer, Project Manager
(432)704-5440
jessica.kramer@eurofinset.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

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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: Tetra Tech, Inc.
Project/Site: Falcon CDP

Laboratory Job ID: 890-1076-1
SDG: Eddy County NM

Table of Contents

Cover Page 1
Table of Contents 2
Definitions/Glossary 3
Case Narrative 4
Client Sample Results 5
Surrogate Summary 15
QC Sample Results 17
QC Association Summary 26
Lab Chronicle 30
Certification Summary 34
Method Summary 35
Sample Summary 36
Chain of Custody 37
Receipt Checklists 41

Definitions/Glossary

Client: Tetra Tech, Inc. Job ID: 890-1076-1
Project/Site: Falcon CDP SDG: Eddy County NM

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1076-1
SDG: Eddy County NM

Job ID: 890-1076-1

Laboratory: Eurofins Xenco, Carlsbad

Narrative

Job Narrative
890-1076-1

Receipt
The samples were received on 8/9/2021 2:25 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.2°C

GC VOA
Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-6281 and analytical batch 880-6278 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: SW-12 (8) (890-1076-11), SW-13 (8) (890-1076-12), SW-14 (5) (890-1076-13) and SW-15 (4) (890-1076-14). 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.

GC Semi VOA
Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-6284 and analytical batch 880-6276 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10

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: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1076-1
SDG: Eddy County NM

Client Sample ID: BH-4 (5)

Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:25

Lab Sample ID: 890-1076-1

Matrix: Solid

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		08/10/21 09:18	08/10/21 13:23	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/10/21 09:18	08/10/21 13:23	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/10/21 09:18	08/10/21 13:23	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/10/21 09:18	08/10/21 13:23	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/10/21 09:18	08/10/21 13:23	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/10/21 09:18	08/10/21 13:23	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		08/10/21 09:18	08/10/21 13:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*08/10/21 09:18*	*08/10/21 13:23*	*1*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*08/10/21 09:18*	*08/10/21 13:23*	*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		08/10/21 09:07	08/10/21 11:35	1
Diesel Range Organics (Over C10-C28)	**808**		50.0		mg/Kg		08/10/21 09:07	08/10/21 11:35	1
Oil Range Organics (Over C28-C36)	**109**		50.0		mg/Kg		08/10/21 09:07	08/10/21 11:35	1
Total TPH	**917**		50.0		mg/Kg		08/10/21 09:07	08/10/21 11:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*76*		*70 - 130*	*08/10/21 09:07*	*08/10/21 11:35*	*1*
o-Terphenyl	*75*		*70 - 130*	*08/10/21 09:07*	*08/10/21 11:35*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.05	U	5.05		mg/Kg			08/10/21 13:25	1

Client Sample ID: BH-5 (5)

Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:25

Lab Sample ID: 890-1076-2

Matrix: Solid

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		08/10/21 09:18	08/10/21 13:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/10/21 09:18	08/10/21 13:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/10/21 09:18	08/10/21 13:43	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/10/21 09:18	08/10/21 13:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/10/21 09:18	08/10/21 13:43	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/10/21 09:18	08/10/21 13:43	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		08/10/21 09:18	08/10/21 13:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*08/10/21 09:18*	*08/10/21 13:43*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*08/10/21 09:18*	*08/10/21 13:43*	*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		08/10/21 09:07	08/10/21 12:40	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1076-1
SDG: Eddy County NM

Client Sample ID: BH-5 (5)

Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:25

Lab Sample ID: 890-1076-2

Matrix: Solid

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)	<49.9	U	49.9		mg/Kg		08/10/21 09:07	08/10/21 12:40	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/10/21 09:07	08/10/21 12:40	1
Total TPH	<49.9	U	49.9		mg/Kg		08/10/21 09:07	08/10/21 12:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*72*		*70 - 130*	*08/10/21 09:07*	*08/10/21 12:40*	*1*
o-Terphenyl	*71*		*70 - 130*	*08/10/21 09:07*	*08/10/21 12:40*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.95	U	4.95		mg/Kg			08/10/21 13:47	1

Client Sample ID: BH-6 (8)

Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:25

Lab Sample ID: 890-1076-3

Matrix: Solid

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		08/10/21 09:18	08/10/21 14:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/10/21 09:18	08/10/21 14:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/10/21 09:18	08/10/21 14:04	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/10/21 09:18	08/10/21 14:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/10/21 09:18	08/10/21 14:04	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/10/21 09:18	08/10/21 14:04	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		08/10/21 09:18	08/10/21 14:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*08/10/21 09:18*	*08/10/21 14:04*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*08/10/21 09:18*	*08/10/21 14:04*	*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		08/10/21 09:07	08/10/21 13:01	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/10/21 09:07	08/10/21 13:01	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/10/21 09:07	08/10/21 13:01	1
Total TPH	<49.8	U	49.8		mg/Kg		08/10/21 09:07	08/10/21 13:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*77*		*70 - 130*	*08/10/21 09:07*	*08/10/21 13:01*	*1*
o-Terphenyl	*75*		*70 - 130*	*08/10/21 09:07*	*08/10/21 13:01*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.04	U	5.04		mg/Kg			08/10/21 13:52	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1076-1
SDG: Eddy County NM

Client Sample ID: BH-7 (8)

Lab Sample ID: 890-1076-4
Matrix: Solid
Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:25

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		08/10/21 09:18	08/10/21 14:24	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/10/21 09:18	08/10/21 14:24	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/10/21 09:18	08/10/21 14:24	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		08/10/21 09:18	08/10/21 14:24	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/10/21 09:18	08/10/21 14:24	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		08/10/21 09:18	08/10/21 14:24	1
Total BTEX	<0.00397	U	0.00397		mg/Kg		08/10/21 09:18	08/10/21 14:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*08/10/21 09:18*	*08/10/21 14:24*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*08/10/21 09:18*	*08/10/21 14:24*	*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		08/10/21 09:07	08/10/21 13:23	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/10/21 09:07	08/10/21 13:23	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/10/21 09:07	08/10/21 13:23	1
Total TPH	<49.9	U	49.9		mg/Kg		08/10/21 09:07	08/10/21 13:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*70*		*70 - 130*	*08/10/21 09:07*	*08/10/21 13:23*	*1*
o-Terphenyl	*70*		*70 - 130*	*08/10/21 09:07*	*08/10/21 13:23*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.97	U	4.97		mg/Kg			08/10/21 13:58	1

Client Sample ID: BH-12 (8)

Lab Sample ID: 890-1076-5
Matrix: Solid
Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:25

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		08/10/21 09:18	08/10/21 14:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/10/21 09:18	08/10/21 14:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/10/21 09:18	08/10/21 14:45	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/10/21 09:18	08/10/21 14:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/10/21 09:18	08/10/21 14:45	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/10/21 09:18	08/10/21 14:45	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		08/10/21 09:18	08/10/21 14:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*08/10/21 09:18*	*08/10/21 14:45*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*08/10/21 09:18*	*08/10/21 14:45*	*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		08/10/21 09:07	08/10/21 13:45	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1076-1
SDG: Eddy County NM

Client Sample ID: BH-12 (8)

Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:25

Lab Sample ID: 890-1076-5

Matrix: Solid

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)	<49.8	U	49.8		mg/Kg		08/10/21 09:07	08/10/21 13:45	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/10/21 09:07	08/10/21 13:45	1
Total TPH	<49.8	U	49.8		mg/Kg		08/10/21 09:07	08/10/21 13:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*72*		*70 - 130*	*08/10/21 09:07*	*08/10/21 13:45*	*1*
o-Terphenyl	*72*		*70 - 130*	*08/10/21 09:07*	*08/10/21 13:45*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.99	U	4.99		mg/Kg			08/10/21 14:14	1

Client Sample ID: BH-13 (6)

Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:25

Lab Sample ID: 890-1076-6

Matrix: Solid

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		08/10/21 08:51	08/10/21 13:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/10/21 08:51	08/10/21 13:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/10/21 08:51	08/10/21 13:22	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/10/21 08:51	08/10/21 13:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/10/21 08:51	08/10/21 13:22	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/10/21 08:51	08/10/21 13:22	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		08/10/21 08:51	08/10/21 13:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*129*		*70 - 130*	*08/10/21 08:51*	*08/10/21 13:22*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*08/10/21 08:51*	*08/10/21 13:22*	*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		08/10/21 09:07	08/10/21 14:06	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/10/21 09:07	08/10/21 14:06	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/10/21 09:07	08/10/21 14:06	1
Total TPH	<49.9	U	49.9		mg/Kg		08/10/21 09:07	08/10/21 14:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*85*		*70 - 130*	*08/10/21 09:07*	*08/10/21 14:06*	*1*
o-Terphenyl	*84*		*70 - 130*	*08/10/21 09:07*	*08/10/21 14:06*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.96	U	4.96		mg/Kg			08/10/21 14:20	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1076-1
SDG: Eddy County NM

Client Sample ID: SW-3 (8)

Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:25

Lab Sample ID: 890-1076-7

Matrix: Solid

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		08/10/21 08:51	08/10/21 13:42	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/10/21 08:51	08/10/21 13:42	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/10/21 08:51	08/10/21 13:42	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/10/21 08:51	08/10/21 13:42	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/10/21 08:51	08/10/21 13:42	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/10/21 08:51	08/10/21 13:42	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		08/10/21 08:51	08/10/21 13:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*136*	*S1+*	*70 - 130*	*08/10/21 08:51*	*08/10/21 13:42*	*1*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*08/10/21 08:51*	*08/10/21 13:42*	*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		08/10/21 09:07	08/10/21 14:28	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/10/21 09:07	08/10/21 14:28	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/10/21 09:07	08/10/21 14:28	1
Total TPH	<49.8	U	49.8		mg/Kg		08/10/21 09:07	08/10/21 14:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*82*		*70 - 130*	*08/10/21 09:07*	*08/10/21 14:28*	*1*
o-Terphenyl	*82*		*70 - 130*	*08/10/21 09:07*	*08/10/21 14:28*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.95	U	4.95		mg/Kg			08/10/21 14:25	1

Client Sample ID: SW-6 (8)

Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:25

Lab Sample ID: 890-1076-8

Matrix: Solid

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		08/10/21 08:51	08/10/21 14:03	1
Toluene	**0.00409**		0.00200		mg/Kg		08/10/21 08:51	08/10/21 14:03	1
Ethylbenzene	**0.00567**		0.00200		mg/Kg		08/10/21 08:51	08/10/21 14:03	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/10/21 08:51	08/10/21 14:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/10/21 08:51	08/10/21 14:03	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/10/21 08:51	08/10/21 14:03	1
Total BTEX	**0.00976**		0.00399		mg/Kg		08/10/21 08:51	08/10/21 14:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*	*08/10/21 08:51*	*08/10/21 14:03*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*08/10/21 08:51*	*08/10/21 14:03*	*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		08/10/21 09:07	08/10/21 14:49	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1076-1
SDG: Eddy County NM

Client Sample ID: SW-6 (8)

Lab Sample ID: 890-1076-8
Matrix: Solid
Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:25

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)	<49.9	U	49.9		mg/Kg		08/10/21 09:07	08/10/21 14:49	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/10/21 09:07	08/10/21 14:49	1
Total TPH	<49.9	U	49.9		mg/Kg		08/10/21 09:07	08/10/21 14:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*87*		*70 - 130*	*08/10/21 09:07*	*08/10/21 14:49*	*1*
o-Terphenyl	*86*		*70 - 130*	*08/10/21 09:07*	*08/10/21 14:49*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.95	U	4.95		mg/Kg			08/10/21 14:31	1

Client Sample ID: SW-7 (5)

Lab Sample ID: 890-1076-9
Matrix: Solid
Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:25

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		08/10/21 08:51	08/10/21 14:23	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/10/21 08:51	08/10/21 14:23	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/10/21 08:51	08/10/21 14:23	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/10/21 08:51	08/10/21 14:23	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/10/21 08:51	08/10/21 14:23	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/10/21 08:51	08/10/21 14:23	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		08/10/21 08:51	08/10/21 14:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*08/10/21 08:51*	*08/10/21 14:23*	*1*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*	*08/10/21 08:51*	*08/10/21 14:23*	*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		08/10/21 08:52	08/10/21 12:40	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/10/21 08:52	08/10/21 12:40	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/10/21 08:52	08/10/21 12:40	1
Total TPH	<49.8	U	49.8		mg/Kg		08/10/21 08:52	08/10/21 12:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*85*		*70 - 130*	*08/10/21 08:52*	*08/10/21 12:40*	*1*
o-Terphenyl	*95*		*70 - 130*	*08/10/21 08:52*	*08/10/21 12:40*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7.15**		5.00		mg/Kg			08/10/21 14:36	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1076-1
SDG: Eddy County NM

Client Sample ID: SW-11 (8)

Lab Sample ID: 890-1076-10
Matrix: Solid
Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:25

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		08/10/21 08:51	08/10/21 14:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/10/21 08:51	08/10/21 14:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/10/21 08:51	08/10/21 14:44	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/10/21 08:51	08/10/21 14:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/10/21 08:51	08/10/21 14:44	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/10/21 08:51	08/10/21 14:44	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		08/10/21 08:51	08/10/21 14:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*08/10/21 08:51*	*08/10/21 14:44*	*1*
1,4-Difluorobenzene (Surr)	*115*		*70 - 130*	*08/10/21 08:51*	*08/10/21 14:44*	*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		08/10/21 08:52	08/10/21 13:01	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/10/21 08:52	08/10/21 13:01	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/10/21 08:52	08/10/21 13:01	1
Total TPH	<49.9	U	49.9		mg/Kg		08/10/21 08:52	08/10/21 13:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*86*		*70 - 130*	*08/10/21 08:52*	*08/10/21 13:01*	*1*
o-Terphenyl	*94*		*70 - 130*	*08/10/21 08:52*	*08/10/21 13:01*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.04	U F1	5.04		mg/Kg			08/10/21 14:42	1

Client Sample ID: SW-12 (8)

Lab Sample ID: 890-1076-11
Matrix: Solid
Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:25

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F2 F1	0.00200		mg/Kg		08/10/21 08:43	08/10/21 13:25	1
Toluene	<0.00200	U F2 F1	0.00200		mg/Kg		08/10/21 08:43	08/10/21 13:25	1
Ethylbenzene	<0.00200	U F2 F1	0.00200		mg/Kg		08/10/21 08:43	08/10/21 13:25	1
m-Xylene & p-Xylene	<0.00399	U F2 F1	0.00399		mg/Kg		08/10/21 08:43	08/10/21 13:25	1
o-Xylene	<0.00200	U F2 F1	0.00200		mg/Kg		08/10/21 08:43	08/10/21 13:25	1
Xylenes, Total	<0.00399	U F2 F1	0.00399		mg/Kg		08/10/21 08:43	08/10/21 13:25	1
Total BTEX	<0.00399	U F2 F1	0.00399		mg/Kg		08/10/21 08:43	08/10/21 13:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*144*	*S1+*	*70 - 130*	*08/10/21 08:43*	*08/10/21 13:25*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*08/10/21 08:43*	*08/10/21 13:25*	*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		08/10/21 08:52	08/10/21 13:23	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1076-1
SDG: Eddy County NM

Client Sample ID: SW-12 (8)

Lab Sample ID: 890-1076-11
Matrix: Solid
Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:25

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)	**70.5**		49.8		mg/Kg		08/10/21 08:52	08/10/21 13:23	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/10/21 08:52	08/10/21 13:23	1
Total TPH	**70.5**		49.8		mg/Kg		08/10/21 08:52	08/10/21 13:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*87*		*70 - 130*	*08/10/21 08:52*	*08/10/21 13:23*	*1*
o-Terphenyl	*95*		*70 - 130*	*08/10/21 08:52*	*08/10/21 13:23*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.97	U	4.97		mg/Kg			08/10/21 14:58	1

Client Sample ID: SW-13 (8)

Lab Sample ID: 890-1076-12
Matrix: Solid
Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:25

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		08/10/21 08:43	08/10/21 13:51	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/10/21 08:43	08/10/21 13:51	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/10/21 08:43	08/10/21 13:51	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		08/10/21 08:43	08/10/21 13:51	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/10/21 08:43	08/10/21 13:51	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		08/10/21 08:43	08/10/21 13:51	1
Total BTEX	<0.00403	U	0.00403		mg/Kg		08/10/21 08:43	08/10/21 13:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*135*	*S1+*	*70 - 130*	*08/10/21 08:43*	*08/10/21 13:51*	*1*
1,4-Difluorobenzene (Surr)	*116*		*70 - 130*	*08/10/21 08:43*	*08/10/21 13:51*	*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		08/10/21 08:52	08/10/21 13:45	1
Diesel Range Organics (Over C10-C28)	**81.5**		49.9		mg/Kg		08/10/21 08:52	08/10/21 13:45	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/10/21 08:52	08/10/21 13:45	1
Total TPH	**81.5**		49.9		mg/Kg		08/10/21 08:52	08/10/21 13:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 130*	*08/10/21 08:52*	*08/10/21 13:45*	*1*
o-Terphenyl	*99*		*70 - 130*	*08/10/21 08:52*	*08/10/21 13:45*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.95	U	4.95		mg/Kg			08/10/21 15:03	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1076-1
SDG: Eddy County NM

Client Sample ID: SW-14 (5)

Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:25

Lab Sample ID: 890-1076-13

Matrix: Solid

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		08/10/21 08:43	08/10/21 14:17	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/10/21 08:43	08/10/21 14:17	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/10/21 08:43	08/10/21 14:17	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/10/21 08:43	08/10/21 14:17	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/10/21 08:43	08/10/21 14:17	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/10/21 08:43	08/10/21 14:17	1
Total BTEX	<0.00404	U	0.00404		mg/Kg		08/10/21 08:43	08/10/21 14:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*138*	*S1+*	*70 - 130*	*08/10/21 08:43*	*08/10/21 14:17*	*1*
1,4-Difluorobenzene (Surr)	*115*		*70 - 130*	*08/10/21 08:43*	*08/10/21 14:17*	*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		08/10/21 08:52	08/10/21 14:06	1
Diesel Range Organics (Over C10-C28)	**87.2**		49.8		mg/Kg		08/10/21 08:52	08/10/21 14:06	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/10/21 08:52	08/10/21 14:06	1
Total TPH	**87.2**		49.8		mg/Kg		08/10/21 08:52	08/10/21 14:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*91*		*70 - 130*	*08/10/21 08:52*	*08/10/21 14:06*	*1*
o-Terphenyl	*101*		*70 - 130*	*08/10/21 08:52*	*08/10/21 14:06*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.95	U	4.95		mg/Kg			08/10/21 15:20	1

Client Sample ID: SW-15 (4)

Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:25

Lab Sample ID: 890-1076-14

Matrix: Solid

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		08/10/21 08:43	08/10/21 14:43	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/10/21 08:43	08/10/21 14:43	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/10/21 08:43	08/10/21 14:43	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/10/21 08:43	08/10/21 14:43	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/10/21 08:43	08/10/21 14:43	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/10/21 08:43	08/10/21 14:43	1
Total BTEX	<0.00404	U	0.00404		mg/Kg		08/10/21 08:43	08/10/21 14:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*133*	*S1+*	*70 - 130*	*08/10/21 08:43*	*08/10/21 14:43*	*1*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*	*08/10/21 08:43*	*08/10/21 14:43*	*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		08/10/21 08:52	08/10/21 14:28	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1076-1
SDG: Eddy County NM

Client Sample ID: SW-15 (4)

Lab Sample ID: 890-1076-14
Matrix: Solid
Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:25

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)	<49.9	U	49.9		mg/Kg		08/10/21 08:52	08/10/21 14:28	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/10/21 08:52	08/10/21 14:28	1
Total TPH	<49.9	U	49.9		mg/Kg		08/10/21 08:52	08/10/21 14:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*08/10/21 08:52*	*08/10/21 14:28*	*1*
o-Terphenyl	*101*		*70 - 130*	*08/10/21 08:52*	*08/10/21 14:28*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.01	U	5.01		mg/Kg			08/10/21 15:25	1

Client Sample ID: SW-20 (5)

Lab Sample ID: 890-1076-15
Matrix: Solid
Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:25

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		08/10/21 08:43	08/10/21 15:09	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/10/21 08:43	08/10/21 15:09	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/10/21 08:43	08/10/21 15:09	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/10/21 08:43	08/10/21 15:09	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/10/21 08:43	08/10/21 15:09	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/10/21 08:43	08/10/21 15:09	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		08/10/21 08:43	08/10/21 15:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*141*	*S1+*	*70 - 130*	*08/10/21 08:43*	*08/10/21 15:09*	*1*
1,4-Difluorobenzene (Surr)	*116*		*70 - 130*	*08/10/21 08:43*	*08/10/21 15:09*	*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		08/10/21 08:52	08/10/21 14:49	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/10/21 08:52	08/10/21 14:49	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/10/21 08:52	08/10/21 14:49	1
Total TPH	<49.9	U	49.9		mg/Kg		08/10/21 08:52	08/10/21 14:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 130*	*08/10/21 08:52*	*08/10/21 14:49*	*1*
o-Terphenyl	*98*		*70 - 130*	*08/10/21 08:52*	*08/10/21 14:49*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.98	U	4.98		mg/Kg			08/10/21 15:31	1

Surrogate Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1076-1
SDG: Eddy County NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
		BFB1	DFBZ1								
Lab Sample ID	Client Sample ID	(70-130)	(70-130)								
890-1076-1	BH-4 (5)	114	110								
890-1076-1 MS	BH-4 (5)	109	107								
890-1076-2	BH-5 (5)	115	104								
890-1076-3	BH-6 (8)	110	104								
890-1076-4	BH-7 (8)	116	100								
890-1076-5	BH-12 (8)	113	101								
890-1076-6	BH-13 (6)	129	98								
890-1076-6 MS	BH-13 (6)	109	106								
890-1076-6 MSD	BH-13 (6)	104	104								
890-1076-7	SW-3 (8)	136 S1+	110								
890-1076-8	SW-6 (8)	123	90								
890-1076-9	SW-7 (5)	117	111								
890-1076-10	SW-11 (8)	116	115								
890-1076-11	SW-12 (8)	144 S1+	81								
890-1076-11 MS	SW-12 (8)	116	113								
890-1076-11 MSD	SW-12 (8)	390 S1+	366 S1+								
890-1076-12	SW-13 (8)	135 S1+	116								
890-1076-13	SW-14 (5)	138 S1+	115								
890-1076-14	SW-15 (4)	133 S1+	111								
890-1076-15	SW-20 (5)	141 S1+	116								
LCS 880-6281/1-A	Lab Control Sample	117	115								
LCS 880-6282/1-A	Lab Control Sample	100	106								
LCS 880-6287/1-A	Lab Control Sample	105	106								
LCSD 880-6281/2-A	Lab Control Sample Dup	39 S1-	116								
LCSD 880-6282/2-A	Lab Control Sample Dup	101	102								
LCSD 880-6287/2-A	Lab Control Sample Dup	103	106								
MB 880-6281/5-A	Method Blank	80	98								
MB 880-6282/5-A	Method Blank	118	105								
MB 880-6287/5-A	Method Blank	97	98								

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)									
		BFB1	DFBZ1								
Lab Sample ID	Client Sample ID										
890-1076-1 MSD	BH-4 (5)										

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Surrogate Summary

Client: Tetra Tech, Inc. Job ID: 890-1076-1
Project/Site: Falcon CDP SDG: Eddy County NM

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)								
890-1065-A-1-C MS	Matrix Spike	90	87								
890-1065-A-1-D MSD	Matrix Spike Duplicate	85	85								
890-1076-1	BH-4 (5)	76	75								
890-1076-1 MS	BH-4 (5)	81	75								
890-1076-1 MSD	BH-4 (5)	78	75								
890-1076-2	BH-5 (5)	72	71								
890-1076-3	BH-6 (8)	77	75								
890-1076-4	BH-7 (8)	70	70								
890-1076-5	BH-12 (8)	72	72								
890-1076-6	BH-13 (6)	85	84								
890-1076-7	SW-3 (8)	82	82								
890-1076-8	SW-6 (8)	87	86								
890-1076-9	SW-7 (5)	85	95								
890-1076-10	SW-11 (8)	86	94								
890-1076-11	SW-12 (8)	87	95								
890-1076-12	SW-13 (8)	92	99								
890-1076-13	SW-14 (5)	91	101								
890-1076-14	SW-15 (4)	93	101								
890-1076-15	SW-20 (5)	90	98								
LCS 880-6283/2-A	Lab Control Sample	85	92								
LCS 880-6284/2-A	Lab Control Sample	83	79								
LCSD 880-6283/3-A	Lab Control Sample Dup	88	95								
LCSD 880-6284/3-A	Lab Control Sample Dup	89	85								
MB 880-6283/1-A	Method Blank	92	106								
MB 880-6284/1-A	Method Blank	96	101								

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1076-1
SDG: Eddy County NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-6281/5-A
Matrix: Solid
Analysis Batch: 6278

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 6281

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/10/21 08:43	08/10/21 12:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/10/21 08:43	08/10/21 12:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/10/21 08:43	08/10/21 12:59	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/10/21 08:43	08/10/21 12:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/10/21 08:43	08/10/21 12:59	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/10/21 08:43	08/10/21 12:59	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		08/10/21 08:43	08/10/21 12:59	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*80*		*70 - 130*	*08/10/21 08:43*	*08/10/21 12:59*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*08/10/21 08:43*	*08/10/21 12:59*	*1*

Lab Sample ID: LCS 880-6281/1-A
Matrix: Solid
Analysis Batch: 6278

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 6281

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.1285		mg/Kg		129	70 - 130
Toluene	0.100	0.1289		mg/Kg		129	70 - 130
Ethylbenzene	0.100	0.1217		mg/Kg		122	70 - 130
m-Xylene & p-Xylene	0.200	0.2380		mg/Kg		119	70 - 130
o-Xylene	0.100	0.1155		mg/Kg		116	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*
1,4-Difluorobenzene (Surr)	*115*		*70 - 130*

Lab Sample ID: LCSD 880-6281/2-A
Matrix: Solid
Analysis Batch: 6278

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 6281

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.1157		mg/Kg		116	70 - 130	11	35
Toluene	0.100	0.1210		mg/Kg		121	70 - 130	6	35
Ethylbenzene	0.100	0.1154		mg/Kg		115	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.2260		mg/Kg		113	70 - 130	5	35
o-Xylene	0.100	0.1092		mg/Kg		109	70 - 130	6	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*39*	*S1-*	*70 - 130*
1,4-Difluorobenzene (Surr)	*116*		*70 - 130*

Lab Sample ID: 890-1076-11 MS
Matrix: Solid
Analysis Batch: 6278

Client Sample ID: SW-12 (8)
Prep Type: Total/NA
Prep Batch: 6281

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00200	U F2 F1	0.0998	0.1130		mg/Kg		113	70 - 130

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1076-1
SDG: Eddy County NM

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

Lab Sample ID: 890-1076-11 MS
Matrix: Solid
Analysis Batch: 6278

Client Sample ID: SW-12 (8)
Prep Type: Total/NA
Prep Batch: 6281

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene	<0.00200	U F2 F1	0.0998	0.1142		mg/Kg		114	70 - 130
Ethylbenzene	<0.00200	U F2 F1	0.0998	0.1122		mg/Kg		112	70 - 130
m-Xylene & p-Xylene	<0.00399	U F2 F1	0.200	0.2149		mg/Kg		108	70 - 130
o-Xylene	<0.00200	U F2 F1	0.0998	0.1057		mg/Kg		106	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*

Lab Sample ID: 890-1076-11 MSD
Matrix: Solid
Analysis Batch: 6278

Client Sample ID: SW-12 (8)
Prep Type: Total/NA
Prep Batch: 6281

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U F2 F1	0.100	0.3123	F1 F2	mg/Kg		312	70 - 130	94	35
Toluene	<0.00200	U F2 F1	0.100	0.3333	F1 F2	mg/Kg		332	70 - 130	98	35
Ethylbenzene	<0.00200	U F2 F1	0.100	0.3199	F1 F2	mg/Kg		319	70 - 130	96	35
m-Xylene & p-Xylene	<0.00399	U F2 F1	0.200	0.6234	F1 F2	mg/Kg		311	70 - 130	97	35
o-Xylene	<0.00200	U F2 F1	0.100	0.3121	F1 F2	mg/Kg		312	70 - 130	99	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*390*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*366*	*S1+*	*70 - 130*

Lab Sample ID: MB 880-6282/5-A
Matrix: Solid
Analysis Batch: 6279

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 6282

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/10/21 08:51	08/10/21 12:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/10/21 08:51	08/10/21 12:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/10/21 08:51	08/10/21 12:53	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/10/21 08:51	08/10/21 12:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/10/21 08:51	08/10/21 12:53	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/10/21 08:51	08/10/21 12:53	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		08/10/21 08:51	08/10/21 12:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*	*08/10/21 08:51*	*08/10/21 12:53*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*08/10/21 08:51*	*08/10/21 12:53*	*1*

Lab Sample ID: LCS 880-6282/1-A
Matrix: Solid
Analysis Batch: 6279

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 6282

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.09922		mg/Kg		99	70 - 130
Toluene	0.100	0.08677		mg/Kg		87	70 - 130

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1076-1
SDG: Eddy County NM

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

Lab Sample ID: LCS 880-6282/1-A
Matrix: Solid
Analysis Batch: 6279

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 6282

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Ethylbenzene			0.100	0.08938		mg/Kg		89	70 - 130		
m-Xylene & p-Xylene			0.200	0.1850		mg/Kg		92	70 - 130		
o-Xylene			0.100	0.09310		mg/Kg		93	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*

Lab Sample ID: LCSD 880-6282/2-A
Matrix: Solid
Analysis Batch: 6279

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 6282

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			0.100	0.1049		mg/Kg		105	70 - 130	6	35
Toluene			0.100	0.09319		mg/Kg		93	70 - 130	7	35
Ethylbenzene			0.100	0.09711		mg/Kg		97	70 - 130	8	35
m-Xylene & p-Xylene			0.200	0.2008		mg/Kg		100	70 - 130	8	35
o-Xylene			0.100	0.09965		mg/Kg		100	70 - 130	7	35

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

Lab Sample ID: 890-1076-6 MS
Matrix: Solid
Analysis Batch: 6279

Client Sample ID: BH-13 (6)
Prep Type: Total/NA
Prep Batch: 6282

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene	<0.00200	U	0.0998	0.08797		mg/Kg		87	70 - 130		
Toluene	<0.00200	U	0.0998	0.08180		mg/Kg		81	70 - 130		
Ethylbenzene	<0.00200	U	0.0998	0.08693		mg/Kg		86	70 - 130		
m-Xylene & p-Xylene	<0.00401	U	0.200	0.1800		mg/Kg		89	70 - 130		
o-Xylene	<0.00200	U	0.0998	0.09056		mg/Kg		90	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*

Lab Sample ID: 890-1076-6 MSD
Matrix: Solid
Analysis Batch: 6279

Client Sample ID: BH-13 (6)
Prep Type: Total/NA
Prep Batch: 6282

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0990	0.08726		mg/Kg		87	70 - 130	1	35
Toluene	<0.00200	U	0.0990	0.07975		mg/Kg		80	70 - 130	3	35
Ethylbenzene	<0.00200	U	0.0990	0.08368		mg/Kg		84	70 - 130	4	35
m-Xylene & p-Xylene	<0.00401	U	0.198	0.1728		mg/Kg		86	70 - 130	4	35
o-Xylene	<0.00200	U	0.0990	0.08807		mg/Kg		88	70 - 130	3	35

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QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1076-1
SDG: Eddy County NM

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

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

Lab Sample ID: MB 880-6287/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 6292 — **Prep Batch: 6287**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/10/21 09:18	08/10/21 13:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/10/21 09:18	08/10/21 13:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/10/21 09:18	08/10/21 13:01	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/10/21 09:18	08/10/21 13:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/10/21 09:18	08/10/21 13:01	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/10/21 09:18	08/10/21 13:01	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		08/10/21 09:18	08/10/21 13:01	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	08/10/21 09:18	08/10/21 13:01	1
1,4-Difluorobenzene (Surr)	98		70 - 130	08/10/21 09:18	08/10/21 13:01	1

Lab Sample ID: LCS 880-6287/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 6292 — **Prep Batch: 6287**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			0.100	0.09319		mg/Kg		93	70 - 130		
Toluene			0.100	0.08895		mg/Kg		89	70 - 130		
Ethylbenzene			0.100	0.08853		mg/Kg		89	70 - 130		
m-Xylene & p-Xylene			0.200	0.1781		mg/Kg		89	70 - 130		
o-Xylene			0.100	0.09060		mg/Kg		91	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: LCSD 880-6287/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 6292 — **Prep Batch: 6287**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			0.100	0.09538		mg/Kg		95	70 - 130	2	35
Toluene			0.100	0.08810		mg/Kg		88	70 - 130	1	35
Ethylbenzene			0.100	0.08732		mg/Kg		87	70 - 130	1	35
m-Xylene & p-Xylene			0.200	0.1742		mg/Kg		87	70 - 130	2	35
o-Xylene			0.100	0.08815		mg/Kg		88	70 - 130	3	35

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

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1076-1
SDG: Eddy County NM

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

Lab Sample ID: 890-1076-1 MSD
Matrix: Solid
Analysis Batch: 6292

Client Sample ID: BH-4 (5)
Prep Type: Total/NA
Prep Batch: 6287

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.0990	0.08930		mg/Kg					
Toluene	<0.00199	U	0.0990	0.07553		mg/Kg					
Ethylbenzene	<0.00199	U	0.0990	0.06709		mg/Kg					
m-Xylene & p-Xylene	<0.00398	U	0.198	0.1323		mg/Kg					
o-Xylene	<0.00199	U	0.0990	0.06758		mg/Kg					

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)			
1,4-Difluorobenzene (Surr)			

Lab Sample ID: 890-1076-1 MS
Matrix: Solid
Analysis Batch: 6292

Client Sample ID: BH-4 (5)
Prep Type: Total/NA

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*

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

Lab Sample ID: MB 880-6283/1-A
Matrix: Solid
Analysis Batch: 6274

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 6283

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		08/10/21 08:52	08/10/21 10:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/10/21 08:52	08/10/21 10:26	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/10/21 08:52	08/10/21 10:26	1
Total TPH	<50.0	U	50.0		mg/Kg		08/10/21 08:52	08/10/21 10:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 130*	*08/10/21 08:52*	*08/10/21 10:26*	*1*
o-Terphenyl	*106*		*70 - 130*	*08/10/21 08:52*	*08/10/21 10:26*	*1*

Lab Sample ID: LCS 880-6283/2-A
Matrix: Solid
Analysis Batch: 6274

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 6283

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	867.7		mg/Kg		87	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1043		mg/Kg		104	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*85*		*70 - 130*

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QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1076-1
SDG: Eddy County NM

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

Lab Sample ID: LCS 880-6283/2-A
Matrix: Solid
Analysis Batch: 6274

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 6283

Surrogate	LCS %Recovery	LCS Qualifier	Limits
o-Terphenyl	92		70 - 130

Lab Sample ID: LCSD 880-6283/3-A
Matrix: Solid
Analysis Batch: 6274

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 6283

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	875.1		mg/Kg		88	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	1085		mg/Kg		109	70 - 130	4	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	88		70 - 130
o-Terphenyl	95		70 - 130

Lab Sample ID: 890-1065-A-1-C MS
Matrix: Solid
Analysis Batch: 6274

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 6283

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	995	1083		mg/Kg		109	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U F1	995	1364	F1	mg/Kg		137	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	90		70 - 130
o-Terphenyl	87		70 - 130

Lab Sample ID: 890-1065-A-1-D MSD
Matrix: Solid
Analysis Batch: 6274

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 6283

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	1063		mg/Kg		106	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.0	U F1	998	1346	F1	mg/Kg		135	70 - 130	1	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	85		70 - 130
o-Terphenyl	85		70 - 130

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1076-1
SDG: Eddy County NM

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

Lab Sample ID: MB 880-6284/1-A
Matrix: Solid
Analysis Batch: 6276

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 6284

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		08/10/21 09:07	08/10/21 10:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/10/21 09:07	08/10/21 10:26	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/10/21 09:07	08/10/21 10:26	1
Total TPH	<50.0	U	50.0		mg/Kg		08/10/21 09:07	08/10/21 10:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*08/10/21 09:07*	*08/10/21 10:26*	*1*
o-Terphenyl	*101*		*70 - 130*	*08/10/21 09:07*	*08/10/21 10:26*	*1*

Lab Sample ID: LCS 880-6284/2-A
Matrix: Solid
Analysis Batch: 6276

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 6284

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	896.8		mg/Kg		90	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	940.1		mg/Kg		94	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*83*		*70 - 130*
o-Terphenyl	*79*		*70 - 130*

Lab Sample ID: LCSD 880-6284/3-A
Matrix: Solid
Analysis Batch: 6276

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 6284

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1110	*1	mg/Kg		111	70 - 130	21	20
Diesel Range Organics (Over C10-C28)			1000	1016		mg/Kg		102	70 - 130	8	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*89*		*70 - 130*
o-Terphenyl	*85*		*70 - 130*

Lab Sample ID: 890-1076-1 MS
Matrix: Solid
Analysis Batch: 6276

Client Sample ID: BH-4 (5)
Prep Type: Total/NA
Prep Batch: 6284

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	995	1031		mg/Kg		104	70 - 130		
Diesel Range Organics (Over C10-C28)	808		995	1636		mg/Kg		83	70 - 130		

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QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1076-1
SDG: Eddy County NM

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

Lab Sample ID: 890-1076-1 MS
Matrix: Solid
Analysis Batch: 6276

Client Sample ID: BH-4 (5)
Prep Type: Total/NA
Prep Batch: 6284

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	81		70 - 130
o-Terphenyl	75		70 - 130

Lab Sample ID: 890-1076-1 MSD
Matrix: Solid
Analysis Batch: 6276

Client Sample ID: BH-4 (5)
Prep Type: Total/NA
Prep Batch: 6284

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	998	1013		mg/Kg		101	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	808		998	1677		mg/Kg		87	70 - 130	2	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	78		70 - 130
o-Terphenyl	75		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-6312/1-A
Matrix: Solid
Analysis Batch: 6327

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			08/10/21 12:44	1

Lab Sample ID: LCS 880-6312/2-A
Matrix: Solid
Analysis Batch: 6327

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	258.9		mg/Kg		104	90 - 110

Lab Sample ID: LCSD 880-6312/3-A
Matrix: Solid
Analysis Batch: 6327

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	259.1		mg/Kg		104	90 - 110	0	20

Lab Sample ID: 890-1076-1 MS
Matrix: Solid
Analysis Batch: 6327

Client Sample ID: BH-4 (5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	<5.05	U	253	267.2		mg/Kg		105	90 - 110

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1076-1
SDG: Eddy County NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-1076-1 MSD
Matrix: Solid
Analysis Batch: 6327

Client Sample ID: BH-4 (5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	<5.05	U	253	267.0		mg/Kg		105	90 - 110	0	20

Lab Sample ID: 890-1076-10 MS
Matrix: Solid
Analysis Batch: 6327

Client Sample ID: SW-11 (8)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	<5.04	U F1	252	290.9	F1	mg/Kg		115	90 - 110

Lab Sample ID: 890-1076-10 MSD
Matrix: Solid
Analysis Batch: 6327

Client Sample ID: SW-11 (8)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	<5.04	U F1	252	291.2	F1	mg/Kg		115	90 - 110	0	20

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1076-1
SDG: Eddy County NM

GC VOA

Analysis Batch: 6278

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1076-11	SW-12 (8)	Total/NA	Solid	8021B	6281
890-1076-12	SW-13 (8)	Total/NA	Solid	8021B	6281
890-1076-13	SW-14 (5)	Total/NA	Solid	8021B	6281
890-1076-14	SW-15 (4)	Total/NA	Solid	8021B	6281
890-1076-15	SW-20 (5)	Total/NA	Solid	8021B	6281
MB 880-6281/5-A	Method Blank	Total/NA	Solid	8021B	6281
LCS 880-6281/1-A	Lab Control Sample	Total/NA	Solid	8021B	6281
LCSD 880-6281/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	6281
890-1076-11 MS	SW-12 (8)	Total/NA	Solid	8021B	6281
890-1076-11 MSD	SW-12 (8)	Total/NA	Solid	8021B	6281

Analysis Batch: 6279

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1076-6	BH-13 (6)	Total/NA	Solid	8021B	6282
890-1076-7	SW-3 (8)	Total/NA	Solid	8021B	6282
890-1076-8	SW-6 (8)	Total/NA	Solid	8021B	6282
890-1076-9	SW-7 (5)	Total/NA	Solid	8021B	6282
890-1076-10	SW-11 (8)	Total/NA	Solid	8021B	6282
MB 880-6282/5-A	Method Blank	Total/NA	Solid	8021B	6282
LCS 880-6282/1-A	Lab Control Sample	Total/NA	Solid	8021B	6282
LCSD 880-6282/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	6282
890-1076-6 MS	BH-13 (6)	Total/NA	Solid	8021B	6282
890-1076-6 MSD	BH-13 (6)	Total/NA	Solid	8021B	6282

Prep Batch: 6281

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1076-11	SW-12 (8)	Total/NA	Solid	5035	
890-1076-12	SW-13 (8)	Total/NA	Solid	5035	
890-1076-13	SW-14 (5)	Total/NA	Solid	5035	
890-1076-14	SW-15 (4)	Total/NA	Solid	5035	
890-1076-15	SW-20 (5)	Total/NA	Solid	5035	
MB 880-6281/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-6281/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-6281/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-1076-11 MS	SW-12 (8)	Total/NA	Solid	5035	
890-1076-11 MSD	SW-12 (8)	Total/NA	Solid	5035	

Prep Batch: 6282

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1076-6	BH-13 (6)	Total/NA	Solid	5035	
890-1076-7	SW-3 (8)	Total/NA	Solid	5035	
890-1076-8	SW-6 (8)	Total/NA	Solid	5035	
890-1076-9	SW-7 (5)	Total/NA	Solid	5035	
890-1076-10	SW-11 (8)	Total/NA	Solid	5035	
MB 880-6282/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-6282/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-6282/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-1076-6 MS	BH-13 (6)	Total/NA	Solid	5035	
890-1076-6 MSD	BH-13 (6)	Total/NA	Solid	5035	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1076-1
SDG: Eddy County NM

GC VOA

Prep Batch: 6287

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1076-1	BH-4 (5)	Total/NA	Solid	5035	
890-1076-2	BH-5 (5)	Total/NA	Solid	5035	
890-1076-3	BH-6 (8)	Total/NA	Solid	5035	
890-1076-4	BH-7 (8)	Total/NA	Solid	5035	
890-1076-5	BH-12 (8)	Total/NA	Solid	5035	
MB 880-6287/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-6287/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-6287/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-1076-1 MSD	BH-4 (5)	Total/NA	Solid	5035	

Analysis Batch: 6292

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1076-1	BH-4 (5)	Total/NA	Solid	8021B	6287
890-1076-2	BH-5 (5)	Total/NA	Solid	8021B	6287
890-1076-3	BH-6 (8)	Total/NA	Solid	8021B	6287
890-1076-4	BH-7 (8)	Total/NA	Solid	8021B	6287
890-1076-5	BH-12 (8)	Total/NA	Solid	8021B	6287
MB 880-6287/5-A	Method Blank	Total/NA	Solid	8021B	6287
LCS 880-6287/1-A	Lab Control Sample	Total/NA	Solid	8021B	6287
LCSD 880-6287/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	6287
890-1076-1 MS	BH-4 (5)	Total/NA	Solid	8021B	
890-1076-1 MSD	BH-4 (5)	Total/NA	Solid	8021B	6287

GC Semi VOA

Analysis Batch: 6274

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1076-9	SW-7 (5)	Total/NA	Solid	8015B NM	6283
890-1076-10	SW-11 (8)	Total/NA	Solid	8015B NM	6283
890-1076-11	SW-12 (8)	Total/NA	Solid	8015B NM	6283
890-1076-12	SW-13 (8)	Total/NA	Solid	8015B NM	6283
890-1076-13	SW-14 (5)	Total/NA	Solid	8015B NM	6283
890-1076-14	SW-15 (4)	Total/NA	Solid	8015B NM	6283
890-1076-15	SW-20 (5)	Total/NA	Solid	8015B NM	6283
MB 880-6283/1-A	Method Blank	Total/NA	Solid	8015B NM	6283
LCS 880-6283/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	6283
LCSD 880-6283/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	6283
890-1065-A-1-C MS	Matrix Spike	Total/NA	Solid	8015B NM	6283
890-1065-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	6283

Analysis Batch: 6276

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1076-1	BH-4 (5)	Total/NA	Solid	8015B NM	6284
890-1076-2	BH-5 (5)	Total/NA	Solid	8015B NM	6284
890-1076-3	BH-6 (8)	Total/NA	Solid	8015B NM	6284
890-1076-4	BH-7 (8)	Total/NA	Solid	8015B NM	6284
890-1076-5	BH-12 (8)	Total/NA	Solid	8015B NM	6284
890-1076-6	BH-13 (6)	Total/NA	Solid	8015B NM	6284
890-1076-7	SW-3 (8)	Total/NA	Solid	8015B NM	6284
890-1076-8	SW-6 (8)	Total/NA	Solid	8015B NM	6284
MB 880-6284/1-A	Method Blank	Total/NA	Solid	8015B NM	6284

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1076-1
SDG: Eddy County NM

GC Semi VOA (Continued)

Analysis Batch: 6276 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-6284/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	6284
LCSD 880-6284/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	6284
890-1076-1 MS	BH-4 (5)	Total/NA	Solid	8015B NM	6284
890-1076-1 MSD	BH-4 (5)	Total/NA	Solid	8015B NM	6284

Prep Batch: 6283

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1076-9	SW-7 (5)	Total/NA	Solid	8015NM Prep	
890-1076-10	SW-11 (8)	Total/NA	Solid	8015NM Prep	
890-1076-11	SW-12 (8)	Total/NA	Solid	8015NM Prep	
890-1076-12	SW-13 (8)	Total/NA	Solid	8015NM Prep	
890-1076-13	SW-14 (5)	Total/NA	Solid	8015NM Prep	
890-1076-14	SW-15 (4)	Total/NA	Solid	8015NM Prep	
890-1076-15	SW-20 (5)	Total/NA	Solid	8015NM Prep	
MB 880-6283/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-6283/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-6283/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1065-A-1-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-1065-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 6284

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1076-1	BH-4 (5)	Total/NA	Solid	8015NM Prep	
890-1076-2	BH-5 (5)	Total/NA	Solid	8015NM Prep	
890-1076-3	BH-6 (8)	Total/NA	Solid	8015NM Prep	
890-1076-4	BH-7 (8)	Total/NA	Solid	8015NM Prep	
890-1076-5	BH-12 (8)	Total/NA	Solid	8015NM Prep	
890-1076-6	BH-13 (6)	Total/NA	Solid	8015NM Prep	
890-1076-7	SW-3 (8)	Total/NA	Solid	8015NM Prep	
890-1076-8	SW-6 (8)	Total/NA	Solid	8015NM Prep	
MB 880-6284/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-6284/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-6284/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1076-1 MS	BH-4 (5)	Total/NA	Solid	8015NM Prep	
890-1076-1 MSD	BH-4 (5)	Total/NA	Solid	8015NM Prep	

HPLC/IC

Leach Batch: 6312

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1076-1	BH-4 (5)	Soluble	Solid	DI Leach	
890-1076-2	BH-5 (5)	Soluble	Solid	DI Leach	
890-1076-3	BH-6 (8)	Soluble	Solid	DI Leach	
890-1076-4	BH-7 (8)	Soluble	Solid	DI Leach	
890-1076-5	BH-12 (8)	Soluble	Solid	DI Leach	
890-1076-6	BH-13 (6)	Soluble	Solid	DI Leach	
890-1076-7	SW-3 (8)	Soluble	Solid	DI Leach	
890-1076-8	SW-6 (8)	Soluble	Solid	DI Leach	
890-1076-9	SW-7 (5)	Soluble	Solid	DI Leach	
890-1076-10	SW-11 (8)	Soluble	Solid	DI Leach	
890-1076-11	SW-12 (8)	Soluble	Solid	DI Leach	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1076-1
SDG: Eddy County NM

HPLC/IC (Continued)

Leach Batch: 6312 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1076-12	SW-13 (8)	Soluble	Solid	DI Leach	
890-1076-13	SW-14 (5)	Soluble	Solid	DI Leach	
890-1076-14	SW-15 (4)	Soluble	Solid	DI Leach	
890-1076-15	SW-20 (5)	Soluble	Solid	DI Leach	
MB 880-6312/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-6312/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-6312/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-1076-1 MS	BH-4 (5)	Soluble	Solid	DI Leach	
890-1076-1 MSD	BH-4 (5)	Soluble	Solid	DI Leach	
890-1076-10 MS	SW-11 (8)	Soluble	Solid	DI Leach	
890-1076-10 MSD	SW-11 (8)	Soluble	Solid	DI Leach	

Analysis Batch: 6327

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1076-1	BH-4 (5)	Soluble	Solid	300.0	6312
890-1076-2	BH-5 (5)	Soluble	Solid	300.0	6312
890-1076-3	BH-6 (8)	Soluble	Solid	300.0	6312
890-1076-4	BH-7 (8)	Soluble	Solid	300.0	6312
890-1076-5	BH-12 (8)	Soluble	Solid	300.0	6312
890-1076-6	BH-13 (6)	Soluble	Solid	300.0	6312
890-1076-7	SW-3 (8)	Soluble	Solid	300.0	6312
890-1076-8	SW-6 (8)	Soluble	Solid	300.0	6312
890-1076-9	SW-7 (5)	Soluble	Solid	300.0	6312
890-1076-10	SW-11 (8)	Soluble	Solid	300.0	6312
890-1076-11	SW-12 (8)	Soluble	Solid	300.0	6312
890-1076-12	SW-13 (8)	Soluble	Solid	300.0	6312
890-1076-13	SW-14 (5)	Soluble	Solid	300.0	6312
890-1076-14	SW-15 (4)	Soluble	Solid	300.0	6312
890-1076-15	SW-20 (5)	Soluble	Solid	300.0	6312
MB 880-6312/1-A	Method Blank	Soluble	Solid	300.0	6312
LCS 880-6312/2-A	Lab Control Sample	Soluble	Solid	300.0	6312
LCSD 880-6312/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	6312
890-1076-1 MS	BH-4 (5)	Soluble	Solid	300.0	6312
890-1076-1 MSD	BH-4 (5)	Soluble	Solid	300.0	6312
890-1076-10 MS	SW-11 (8)	Soluble	Solid	300.0	6312
890-1076-10 MSD	SW-11 (8)	Soluble	Solid	300.0	6312

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1076-1
SDG: Eddy County NM

Client Sample ID: BH-4 (5)

Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:25

Lab Sample ID: 890-1076-1

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			5.03 g	5 mL	6287	08/10/21 09:18	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6292	08/10/21 13:23	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	6284	08/10/21 09:07	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6276	08/10/21 11:35	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	6312	08/10/21 11:28	CH	XEN MID
Soluble	Analysis	300.0		1			6327	08/10/21 13:25	CH	XEN MID

Client Sample ID: BH-5 (5)

Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:25

Lab Sample ID: 890-1076-2

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			5.00 g	5 mL	6287	08/10/21 09:18	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6292	08/10/21 13:43	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	6284	08/10/21 09:07	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6276	08/10/21 12:40	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	6312	08/10/21 11:28	CH	XEN MID
Soluble	Analysis	300.0		1			6327	08/10/21 13:47	CH	XEN MID

Client Sample ID: BH-6 (8)

Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:25

Lab Sample ID: 890-1076-3

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	6287	08/10/21 09:18	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6292	08/10/21 14:04	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	6284	08/10/21 09:07	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6276	08/10/21 13:01	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	6312	08/10/21 11:28	CH	XEN MID
Soluble	Analysis	300.0		1			6327	08/10/21 13:52	CH	XEN MID

Client Sample ID: BH-7 (8)

Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:25

Lab Sample ID: 890-1076-4

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			5.04 g	5 mL	6287	08/10/21 09:18	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6292	08/10/21 14:24	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	6284	08/10/21 09:07	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6276	08/10/21 13:23	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	6312	08/10/21 11:28	CH	XEN MID
Soluble	Analysis	300.0		1			6327	08/10/21 13:58	CH	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1076-1
Project/Site: Falcon CDP SDG: Eddy County NM

Client Sample ID: BH-12 (8) Lab Sample ID: 890-1076-5

Date Collected: 08/09/21 00:00 **Matrix: Solid**
Date Received: 08/09/21 14:25

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	6287	08/10/21 09:18	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6292	08/10/21 14:45	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	6284	08/10/21 09:07	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6276	08/10/21 13:45	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	6312	08/10/21 11:28	CH	XEN MID
Soluble	Analysis	300.0		1			6327	08/10/21 14:14	CH	XEN MID

Client Sample ID: BH-13 (6) Lab Sample ID: 890-1076-6

Date Collected: 08/09/21 00:00 **Matrix: Solid**
Date Received: 08/09/21 14:25

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	6282	08/10/21 08:51	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6279	08/10/21 13:22	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	6284	08/10/21 09:07	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6276	08/10/21 14:06	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	6312	08/10/21 11:28	CH	XEN MID
Soluble	Analysis	300.0		1			6327	08/10/21 14:20	CH	XEN MID

Client Sample ID: SW-3 (8) Lab Sample ID: 890-1076-7

Date Collected: 08/09/21 00:00 **Matrix: Solid**
Date Received: 08/09/21 14:25

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	6282	08/10/21 08:51	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6279	08/10/21 13:42	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	6284	08/10/21 09:07	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6276	08/10/21 14:28	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	6312	08/10/21 11:28	CH	XEN MID
Soluble	Analysis	300.0		1			6327	08/10/21 14:25	CH	XEN MID

Client Sample ID: SW-6 (8) Lab Sample ID: 890-1076-8

Date Collected: 08/09/21 00:00 **Matrix: Solid**
Date Received: 08/09/21 14:25

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	6282	08/10/21 08:51	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6279	08/10/21 14:03	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	6284	08/10/21 09:07	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6276	08/10/21 14:49	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	6312	08/10/21 11:28	CH	XEN MID
Soluble	Analysis	300.0		1			6327	08/10/21 14:31	CH	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1076-1
SDG: Eddy County NM

Client Sample ID: SW-7 (5)

Lab Sample ID: 890-1076-9
Matrix: Solid
Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:25

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	6282	08/10/21 08:51	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6279	08/10/21 14:23	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	6283	08/10/21 08:52	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6274	08/10/21 12:40	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	6312	08/10/21 11:28	CH	XEN MID
Soluble	Analysis	300.0		1			6327	08/10/21 14:36	CH	XEN MID

Client Sample ID: SW-11 (8)

Lab Sample ID: 890-1076-10
Matrix: Solid
Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	6282	08/10/21 08:51	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6279	08/10/21 14:44	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	6283	08/10/21 08:52	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6274	08/10/21 13:01	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	6312	08/10/21 11:28	CH	XEN MID
Soluble	Analysis	300.0		1			6327	08/10/21 14:42	CH	XEN MID

Client Sample ID: SW-12 (8)

Lab Sample ID: 890-1076-11
Matrix: Solid
Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:25

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	6281	08/10/21 08:43	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6278	08/10/21 13:25	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	6283	08/10/21 08:52	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6274	08/10/21 13:23	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	6312	08/10/21 11:28	CH	XEN MID
Soluble	Analysis	300.0		1			6327	08/10/21 14:58	CH	XEN MID

Client Sample ID: SW-13 (8)

Lab Sample ID: 890-1076-12
Matrix: Solid
Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:25

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	6281	08/10/21 08:43	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6278	08/10/21 13:51	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	6283	08/10/21 08:52	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6274	08/10/21 13:45	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	6312	08/10/21 11:28	CH	XEN MID
Soluble	Analysis	300.0		1			6327	08/10/21 15:03	CH	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1076-1
SDG: Eddy County NM

Client Sample ID: SW-14 (5)

Lab Sample ID: 890-1076-13

Date Collected: 08/09/21 00:00
Matrix: Solid
Date Received: 08/09/21 14:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	6281	08/10/21 08:43	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6278	08/10/21 14:17	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	6283	08/10/21 08:52	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6274	08/10/21 14:06	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	6312	08/10/21 11:28	CH	XEN MID
Soluble	Analysis	300.0		1			6327	08/10/21 15:20	CH	XEN MID

Client Sample ID: SW-15 (4)

Lab Sample ID: 890-1076-14

Date Collected: 08/09/21 00:00
Matrix: Solid
Date Received: 08/09/21 14:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	6281	08/10/21 08:43	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6278	08/10/21 14:43	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	6283	08/10/21 08:52	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6274	08/10/21 14:28	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	6312	08/10/21 11:28	CH	XEN MID
Soluble	Analysis	300.0		1			6327	08/10/21 15:25	CH	XEN MID

Client Sample ID: SW-20 (5)

Lab Sample ID: 890-1076-15

Date Collected: 08/09/21 00:00
Matrix: Solid
Date Received: 08/09/21 14:25

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	6281	08/10/21 08:43	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6278	08/10/21 15:09	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	6283	08/10/21 08:52	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6274	08/10/21 14:49	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	6312	08/10/21 11:28	CH	XEN MID
Soluble	Analysis	300.0		1			6327	08/10/21 15:31	CH	XEN MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1076-1
SDG: Eddy County NM

Laboratory: Eurofins Xenco, Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-20-21	06-30-22

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
8015B NM	8015NM Prep	Solid	Total TPH
8021B	5035	Solid	Total BTEX

Method Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1076-1
SDG: Eddy County NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN 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.

Laboratory References:

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

Sample Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1076-1
SDG: Eddy County NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
890-1076-1	BH-4 (5)	Solid	08/09/21 00:00	08/09/21 14:25
890-1076-2	BH-5 (5)	Solid	08/09/21 00:00	08/09/21 14:25
890-1076-3	BH-6 (8)	Solid	08/09/21 00:00	08/09/21 14:25
890-1076-4	BH-7 (8)	Solid	08/09/21 00:00	08/09/21 14:25
890-1076-5	BH-12 (8)	Solid	08/09/21 00:00	08/09/21 14:25
890-1076-6	BH-13 (6)	Solid	08/09/21 00:00	08/09/21 14:25
890-1076-7	SW-3 (8)	Solid	08/09/21 00:00	08/09/21 14:25
890-1076-8	SW-6 (8)	Solid	08/09/21 00:00	08/09/21 14:25
890-1076-9	SW-7 (5)	Solid	08/09/21 00:00	08/09/21 14:25
890-1076-10	SW-11 (8)	Solid	08/09/21 00:00	08/09/21 14:25
890-1076-11	SW-12 (8)	Solid	08/09/21 00:00	08/09/21 14:25
890-1076-12	SW-13 (8)	Solid	08/09/21 00:00	08/09/21 14:25
890-1076-13	SW-14 (5)	Solid	08/09/21 00:00	08/09/21 14:25
890-1076-14	SW-15 (4)	Solid	08/09/21 00:00	08/09/21 14:25
890-1076-15	SW-20 (5)	Solid	08/09/21 00:00	08/09/21 14:25

Page 529 of 821

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

901W Wall Street, Ste 100
Midland,Texas 79705
Tel (432) 682-4559
Fax (432) 682-3946

890-1076 Chain of Custody

Client Name:	EnLink	**Site Manager:**	Brittany Long
Project Name:	Falcon CDP		
Project Location: (county, state)	Eddy County, New Mexico	**Project #:**	212C-MD-02376
Invoice to:	Mike Luckett - EnLink		
Receiving Laboratory:	Eurofins Xenco	**Sampler Signature:**	Ezequiel Moreno
Comments:			

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2020 DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD None		# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance					Hold
	BH-4 (5')	8/9/2021			X				X					X		X												X								
	BH-5 (5')	8/9/2021			X				X					X		X												X								
	BH-6 (8')	8/9/2021			X				X					X		X												X								
	BH-7 (8')	8/9/2021			X				X					X		X												X								
	BH-12 (8')	8/9/2021			X				X					X		X												X								
	BH-13 (6')	8/9/2021			X				X					X		X												X								
	SW-3 (8')	8/9/2021			X				X					X		X												X								
	SW-6 (8')	8/9/2021			X				X					X		X												X								
	SW-7 (5')	8/9/2021			X				X					X		X												X								
	SW-11 (8')	8/9/2021			X				X					X		X												X								

Relinquished by: Ezequiel Moreno	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

Received by: Date: 8.9.21 Time: 1421

LAB USE ONLY
Sample Temperature
3.4
3.2

REMARKS:

- ☐ STANDARD
- ☒ RUSH: Same Day (24 hr) 48 hr 72 hr
- ☐ Rush Charges Authorized
- ☐ Special Report Limits or TRRP Report

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Page 530 of 821

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

901W Wall Street, Ste 100
Midland,Texas 79705
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: EnLink	**Site Manager:** Brittany Long
Project Name: Falcon CDP	
Project Location: (county, state) Eddy County, New Mexico	**Project #:** 212C-MD-02376
Invoice to: Mike Luckett - EnLink	
Receiving Laboratory: Eurofins Xenco	**Sampler Signature:** Ezequiel Moreno
Comments:	

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2020 DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD None	# CONTAINERS	FILTERED (Y/N)
	SW-12 (8')	8/9/2021			X				X			
	SW-13 (8')	8/9/2021			X				X			
	SW-14 (5')	8/9/2021			X				X			
	SW-15 (4')	8/9/2021			X				X			
	SW-20 (5')	8/9/2021			X				X			

ANALYSIS REQUEST
(Circle or Specify Method No.)

BTEX 8021B	BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Sulfate	TDS	Chloride	General Water Chemistry (see attached list)	Anion/Cation Balance				Hold
	X		X												X									
	X		X												X									
	X		X												X									
	X		X												X									
	X		X												X									

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Ezequiel Moreno			Clue Ang	8.9.21	1421 1444

LAB USE ONLY

Sample Temperature
3.4
3.2

REMARKS:

- ☐ STANDARD
- ☒ RUSH: Same Day (24 hr) 48 hr 72 hr
- ☐ Rush Charges Authorized
- ☐ Special Report Limits or TRRP Report

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Page 531 of 821

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890-1076 Chain of Custody

8/10/2021

Tetra Tech, Inc.

901W Wall Street, Ste 100
Midland,Texas 79705
Tel (432) 682-4559
Fax (432) 682-3946

Client Name:	EnLink	**Site Manager:**	Brittany Long
Project Name:	Falcon CDP		
Project Location: (county, state)	Eddy County, New Mexico	**Project #:**	212C-MD-02376
Invoice to:	Mike Luckett - EnLink		
Receiving Laboratory:	Eurofins Xenco	**Sampler Signature:**	Ezequiel Moreno
Comments:			

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2020 DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD None		# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance				Hold
	BH-4 (5')	8/9/2021			X				X					X		X												X							
	BH-5 (5')	8/9/2021			X				X					X		X												X							
	BH-6 (8')	8/9/2021			X				X					X		X												X							
	BH-7 (8')	8/9/2021			X				X					X		X												X							
	BH-12 (8')	8/9/2021			X				X					X		X												X							
	BH-13 (6')	8/9/2021			X				X					X		X												X							
	SW-3 (8')	8/9/2021			X				X					X		X												X							
	SW-6 (8')	8/9/2021			X				X					X		X												X							
	SW-7 (5')	8/9/2021			X				X					X		X												X							
	SW-11 (8')	8/9/2021			X				X					X		X												X							

Relinquished by: Ezequiel Moreno	Date:	Time:	Received by: Chase Cuff 8.9.21 1421 Date: Time:
Relinquished by:	Date:	Time:	Received by: Date: Time:
Relinquished by:	Date:	Time:	Received by: Date: Time:

LAB USE ONLY

Sample Temperature
3.4
3.2

REMARKS:

- ☐ STANDARD
- ☒ RUSH: Same Day (24 hr) 48 hr 72 hr
- ☐ Rush Charges Authorized
- ☐ Special Report Limits or TRRP Report

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Page 39 of 42

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Page 532 of 821

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

901W Wall Street, Ste 100
Midland,Texas 79705
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: EnLink	**Site Manager:** Brittany Long
Project Name: Falcon CDP	
Project Location: (county, state) Eddy County, New Mexico	**Project #:** 212C-MD-02376
Invoice to: Mike Luckett - EnLink	
Receiving Laboratory: Eurofins Xenco	**Sampler Signature:** Ezequiel Moreno
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2020 DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD None		# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance				Hold
	SW-12 (8')	8/9/2021			X				X					X		X												X							
	SW-13 (8')	8/9/2021			X				X					X		X												X							
	SW-14 (5')	8/9/2021			X				X					X		X												X							
	SW-15 (4')	8/9/2021			X				X					X		X												X							
	SW-20 (5')	8/9/2021			X				X					X		X												X							

Relinquished by: Ezequiel Moreno	Date:	Time:	Received by: Chase Ary 8.9.21 1144 Date: Time: 1421
Relinquished by:	Date:	Time:	Received by: Date: Time:
Relinquished by:	Date:	Time:	Received by: Date: Time:

LAB USE ONLY

Sample Temperature
3.4
3.2

REMARKS:

- ☐ STANDARD
- ☒ RUSH: Same Day (24 hr) 48 hr 72 hr
- ☐ Rush Charges Authorized
- ☐ Special Report Limits or TRRP Report

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Login Sample Receipt Checklist

Client: Tetra Tech, Inc.

Job Number: 890-1076-1
SDG Number: Eddy County NM

Login Number: 1076
List Number: 1
Creator: Clifton, Cloe

List Source: Eurofins Xenco, 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: Tetra Tech, Inc.

Job Number: 890-1076-1
SDG Number: Eddy County NM

Login Number: 1076
List Number: 2
Creator: Copeland, Tatiana

List Source: Eurofins Xenco, Midland
List Creation: 08/10/21 11:10 AM

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.	True	
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").	True	

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ANALYTICAL REPORT

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

Laboratory Job ID: 890-1077-1
Laboratory Sample Delivery Group: Eddy County NM
Client Project/Site: Falcon CDP

For:
Tetra Tech, Inc.
901 W Wall
Ste 100
Midland, Texas 79701

Attn: Clair Gonzales

JKramer

Authorized for release by:
8/12/2021 2:27:40 PM

Jessica Kramer, Project Manager
(432)704-5440
jessica.kramer@eurofinset.com

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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: Tetra Tech, Inc.
Project/Site: Falcon CDP

Laboratory Job ID: 890-1077-1
SDG: Eddy County NM

Table of Contents

Cover Page 1
Table of Contents 2
Definitions/Glossary 3
Case Narrative 4
Client Sample Results 5
Surrogate Summary 28
QC Sample Results 31
QC Association Summary 41
Lab Chronicle 48
Certification Summary 57
Method Summary 58
Sample Summary 59
Chain of Custody 60
Receipt Checklists 64

Definitions/Glossary

Client: Tetra Tech, Inc. Job ID: 890-1077-1
Project/Site: Falcon CDP SDG: Eddy County NM

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
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

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

Glossary

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

Case Narrative

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1077-1
SDG: Eddy County NM

Job ID: 890-1077-1

Laboratory: Eurofins Xenco, Carlsbad

Narrative

Job Narrative
890-1077-1

Receipt
The samples were received on 8/9/2021 2:56 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.2°C

GC VOA
Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-6315 and analytical batch 880-6278 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: BH-18 (4) (890-1077-2), BH-20 (2) (890-1077-4), BH-21 (2) (890-1077-5), BH-22 (2) (890-1077-6), BH-23 (2) (890-1077-7), BH-24 (2) (890-1077-8), BH-26 (4) (890-1077-10), BH-27 (4) (890-1077-11), BH-30 (4) (890-1077-14), BH-31 (4) (890-1077-15), BH-32 (4) (890-1077-16), BH-34 (4) (890-1077-18), SW-22 (8) (890-1077-20), SW-23 (8) (890-1077-21), SW-24 (8) (890-1077-22), SW-25 (6) (890-1077-23), SW-26 (6) (890-1077-24), SW-27 (6) (890-1077-25), SW-30 (2) (890-1077-28), SW-31 (2) (890-1077-29), SW-32 (4) (890-1077-30), SW-33 (4) (890-1077-31), SW-34 (4) (890-1077-32), (CCV 880-6278/20), (CCV 880-6278/33), (CCV 880-6278/51), (890-1077-A-16-B MS) and (890-1077-A-16-C MSD). 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.

GC Semi VOA
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: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1077-1
SDG: Eddy County NM

Client Sample ID: BH-17 (4)

Lab Sample ID: 890-1077-1
Matrix: Solid

Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56
Sample Depth: - 4

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		08/10/21 08:43	08/10/21 15:35	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/10/21 08:43	08/10/21 15:35	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/10/21 08:43	08/10/21 15:35	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/10/21 08:43	08/10/21 15:35	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/10/21 08:43	08/10/21 15:35	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/10/21 08:43	08/10/21 15:35	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		08/10/21 08:43	08/10/21 15:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*08/10/21 08:43*	*08/10/21 15:35*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*08/10/21 08:43*	*08/10/21 15:35*	*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		08/10/21 16:31	08/11/21 12:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/10/21 16:31	08/11/21 12:09	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/10/21 16:31	08/11/21 12:09	1
Total TPH	<50.0	U	50.0		mg/Kg		08/10/21 16:31	08/11/21 12:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*08/10/21 16:31*	*08/11/21 12:09*	*1*
o-Terphenyl	*104*		*70 - 130*	*08/10/21 16:31*	*08/11/21 12:09*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5.10**	**F1**	4.98		mg/Kg			08/11/21 08:54	1

Client Sample ID: BH-18 (4)

Lab Sample ID: 890-1077-2
Matrix: Solid

Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56
Sample Depth: - 4

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		08/10/21 08:43	08/10/21 16:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/10/21 08:43	08/10/21 16:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/10/21 08:43	08/10/21 16:02	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/10/21 08:43	08/10/21 16:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/10/21 08:43	08/10/21 16:02	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/10/21 08:43	08/10/21 16:02	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		08/10/21 08:43	08/10/21 16:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*138*	*S1+*	*70 - 130*	*08/10/21 08:43*	*08/10/21 16:02*	*1*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*	*08/10/21 08:43*	*08/10/21 16:02*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1077-1
SDG: Eddy County NM

Client Sample ID: BH-18 (4)

Lab Sample ID: 890-1077-2

Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56
Sample Depth: - 4

Matrix: Solid

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		08/10/21 16:31	08/11/21 13:12	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/10/21 16:31	08/11/21 13:12	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/10/21 16:31	08/11/21 13:12	1
Total TPH	<49.9	U	49.9		mg/Kg		08/10/21 16:31	08/11/21 13:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*08/10/21 16:31*	*08/11/21 13:12*	*1*
o-Terphenyl	*107*		*70 - 130*	*08/10/21 16:31*	*08/11/21 13:12*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5.39**		5.05		mg/Kg			08/11/21 09:10	1

Client Sample ID: BH-19 (2)

Lab Sample ID: 890-1077-3

Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56
Sample Depth: - 2

Matrix: Solid

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		08/10/21 08:43	08/10/21 16:28	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/10/21 08:43	08/10/21 16:28	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/10/21 08:43	08/10/21 16:28	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		08/10/21 08:43	08/10/21 16:28	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/10/21 08:43	08/10/21 16:28	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/10/21 08:43	08/10/21 16:28	1
Total BTEX	<0.00396	U	0.00396		mg/Kg		08/10/21 08:43	08/10/21 16:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*	*08/10/21 08:43*	*08/10/21 16:28*	*1*
1,4-Difluorobenzene (Surr)	*116*		*70 - 130*	*08/10/21 08:43*	*08/10/21 16:28*	*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		08/10/21 16:31	08/11/21 13:34	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/10/21 16:31	08/11/21 13:34	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/10/21 16:31	08/11/21 13:34	1
Total TPH	<49.8	U	49.8		mg/Kg		08/10/21 16:31	08/11/21 13:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 130*	*08/10/21 16:31*	*08/11/21 13:34*	*1*
o-Terphenyl	*108*		*70 - 130*	*08/10/21 16:31*	*08/11/21 13:34*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.01	U	5.01		mg/Kg			08/11/21 09:15	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1077-1
SDG: Eddy County NM

Client Sample ID: BH-20 (2)

Lab Sample ID: 890-1077-4
Matrix: Solid
Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56
Sample Depth: - 2

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		08/10/21 08:43	08/10/21 16:54	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/10/21 08:43	08/10/21 16:54	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/10/21 08:43	08/10/21 16:54	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/10/21 08:43	08/10/21 16:54	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/10/21 08:43	08/10/21 16:54	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/10/21 08:43	08/10/21 16:54	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		08/10/21 08:43	08/10/21 16:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*149*	*S1+*	*70 - 130*	*08/10/21 08:43*	*08/10/21 16:54*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*08/10/21 08:43*	*08/10/21 16:54*	*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		08/10/21 16:31	08/11/21 13:55	1
Diesel Range Organics (Over C10-C28)	**277**		49.9		mg/Kg		08/10/21 16:31	08/11/21 13:55	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/10/21 16:31	08/11/21 13:55	1
Total TPH	**277**		49.9		mg/Kg		08/10/21 16:31	08/11/21 13:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*08/10/21 16:31*	*08/11/21 13:55*	*1*
o-Terphenyl	*108*		*70 - 130*	*08/10/21 16:31*	*08/11/21 13:55*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.98	U	4.98		mg/Kg			08/11/21 09:21	1

Client Sample ID: BH-21 (2)

Lab Sample ID: 890-1077-5
Matrix: Solid
Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56
Sample Depth: - 2

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		08/10/21 08:43	08/10/21 17:20	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/10/21 08:43	08/10/21 17:20	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/10/21 08:43	08/10/21 17:20	1
m-Xylene & p-Xylene	**0.0944**		0.00404		mg/Kg		08/10/21 08:43	08/10/21 17:20	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/10/21 08:43	08/10/21 17:20	1
Xylenes, Total	**0.0944**		0.00404		mg/Kg		08/10/21 08:43	08/10/21 17:20	1
Total BTEX	**0.0944**		0.00404		mg/Kg		08/10/21 08:43	08/10/21 17:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*149*	*S1+*	*70 - 130*	*08/10/21 08:43*	*08/10/21 17:20*	*1*
1,4-Difluorobenzene (Surr)	*75*		*70 - 130*	*08/10/21 08:43*	*08/10/21 17:20*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1077-1
SDG: Eddy County NM

Client Sample ID: BH-21 (2)

Lab Sample ID: 890-1077-5
Matrix: Solid
Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56
Sample Depth: - 2

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		08/10/21 16:31	08/11/21 14:17	1
Diesel Range Organics (Over C10-C28)	**176**		49.8		mg/Kg		08/10/21 16:31	08/11/21 14:17	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/10/21 16:31	08/11/21 14:17	1
Total TPH	**176**		49.8		mg/Kg		08/10/21 16:31	08/11/21 14:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*08/10/21 16:31*	*08/11/21 14:17*	*1*
o-Terphenyl	*103*		*70 - 130*	*08/10/21 16:31*	*08/11/21 14:17*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.99	U	4.99		mg/Kg			08/11/21 09:26	1

Client Sample ID: BH-22 (2)

Lab Sample ID: 890-1077-6
Matrix: Solid
Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56
Sample Depth: - 2

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		08/10/21 08:43	08/10/21 19:04	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/10/21 08:43	08/10/21 19:04	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/10/21 08:43	08/10/21 19:04	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/10/21 08:43	08/10/21 19:04	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/10/21 08:43	08/10/21 19:04	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/10/21 08:43	08/10/21 19:04	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		08/10/21 08:43	08/10/21 19:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*164*	*S1+*	*70 - 130*	*08/10/21 08:43*	*08/10/21 19:04*	*1*
1,4-Difluorobenzene (Surr)	*76*		*70 - 130*	*08/10/21 08:43*	*08/10/21 19:04*	*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		08/10/21 16:31	08/11/21 14:38	1
Diesel Range Organics (Over C10-C28)	**91.8**		49.9		mg/Kg		08/10/21 16:31	08/11/21 14:38	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/10/21 16:31	08/11/21 14:38	1
Total TPH	**91.8**		49.9		mg/Kg		08/10/21 16:31	08/11/21 14:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*08/10/21 16:31*	*08/11/21 14:38*	*1*
o-Terphenyl	*102*		*70 - 130*	*08/10/21 16:31*	*08/11/21 14:38*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			08/11/21 09:43	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1077-1
SDG: Eddy County NM

Client Sample ID: BH-23 (2)

Lab Sample ID: 890-1077-7
Matrix: Solid
Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56
Sample Depth: - 2

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		08/10/21 08:43	08/10/21 19:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/10/21 08:43	08/10/21 19:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/10/21 08:43	08/10/21 19:30	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/10/21 08:43	08/10/21 19:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/10/21 08:43	08/10/21 19:30	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/10/21 08:43	08/10/21 19:30	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		08/10/21 08:43	08/10/21 19:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*143*	*S1+*	*70 - 130*	*08/10/21 08:43*	*08/10/21 19:30*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*08/10/21 08:43*	*08/10/21 19:30*	*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		08/10/21 16:31	08/11/21 15:00	1
Diesel Range Organics (Over C10-C28)	**59.9**		49.8		mg/Kg		08/10/21 16:31	08/11/21 15:00	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/10/21 16:31	08/11/21 15:00	1
Total TPH	**59.9**		49.8		mg/Kg		08/10/21 16:31	08/11/21 15:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 130*	*08/10/21 16:31*	*08/11/21 15:00*	*1*
o-Terphenyl	*102*		*70 - 130*	*08/10/21 16:31*	*08/11/21 15:00*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			08/11/21 09:48	1

Client Sample ID: BH-24 (2)

Lab Sample ID: 890-1077-8
Matrix: Solid
Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56
Sample Depth: - 2

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		08/10/21 08:43	08/10/21 19:55	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/10/21 08:43	08/10/21 19:55	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/10/21 08:43	08/10/21 19:55	1
m-Xylene & p-Xylene	**0.00766**		0.00398		mg/Kg		08/10/21 08:43	08/10/21 19:55	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/10/21 08:43	08/10/21 19:55	1
Xylenes, Total	**0.00766**		0.00398		mg/Kg		08/10/21 08:43	08/10/21 19:55	1
Total BTEX	**0.00766**		0.00398		mg/Kg		08/10/21 08:43	08/10/21 19:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*155*	*S1+*	*70 - 130*	*08/10/21 08:43*	*08/10/21 19:55*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*08/10/21 08:43*	*08/10/21 19:55*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1077-1
SDG: Eddy County NM

Client Sample ID: BH-24 (2)

Lab Sample ID: 890-1077-8
Matrix: Solid
Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56
Sample Depth: - 2

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		08/10/21 16:31	08/11/21 15:21	1
Diesel Range Organics (Over C10-C28)	**78.7**		49.9		mg/Kg		08/10/21 16:31	08/11/21 15:21	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/10/21 16:31	08/11/21 15:21	1
Total TPH	**78.7**		49.9		mg/Kg		08/10/21 16:31	08/11/21 15:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 130*	*08/10/21 16:31*	*08/11/21 15:21*	*1*
o-Terphenyl	*104*		*70 - 130*	*08/10/21 16:31*	*08/11/21 15:21*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			08/11/21 09:54	1

Client Sample ID: BH-25 (4)

Lab Sample ID: 890-1077-9
Matrix: Solid
Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56
Sample Depth: - 4

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		08/10/21 08:43	08/10/21 20:21	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/10/21 08:43	08/10/21 20:21	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/10/21 08:43	08/10/21 20:21	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		08/10/21 08:43	08/10/21 20:21	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/10/21 08:43	08/10/21 20:21	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/10/21 08:43	08/10/21 20:21	1
Total BTEX	<0.00396	U	0.00396		mg/Kg		08/10/21 08:43	08/10/21 20:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*08/10/21 08:43*	*08/10/21 20:21*	*1*
1,4-Difluorobenzene (Surr)	*54*	*S1-*	*70 - 130*	*08/10/21 08:43*	*08/10/21 20:21*	*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		08/10/21 16:31	08/11/21 15:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/10/21 16:31	08/11/21 15:43	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/10/21 16:31	08/11/21 15:43	1
Total TPH	<49.9	U	49.9		mg/Kg		08/10/21 16:31	08/11/21 15:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*08/10/21 16:31*	*08/11/21 15:43*	*1*
o-Terphenyl	*102*		*70 - 130*	*08/10/21 16:31*	*08/11/21 15:43*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.04	U	5.04		mg/Kg			08/11/21 09:59	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1077-1
SDG: Eddy County NM

Client Sample ID: BH-26 (4)

Lab Sample ID: 890-1077-10
Matrix: Solid

Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56
Sample Depth: - 4

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		08/10/21 08:43	08/10/21 20:47	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/10/21 08:43	08/10/21 20:47	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/10/21 08:43	08/10/21 20:47	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		08/10/21 08:43	08/10/21 20:47	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/10/21 08:43	08/10/21 20:47	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		08/10/21 08:43	08/10/21 20:47	1
Total BTEX	<0.00403	U	0.00403		mg/Kg		08/10/21 08:43	08/10/21 20:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*149*	*S1+*	*70 - 130*	*08/10/21 08:43*	*08/10/21 20:47*	*1*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*08/10/21 08:43*	*08/10/21 20:47*	*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		08/10/21 16:31	08/11/21 16:04	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/10/21 16:31	08/11/21 16:04	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/10/21 16:31	08/11/21 16:04	1
Total TPH	<49.8	U	49.8		mg/Kg		08/10/21 16:31	08/11/21 16:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*08/10/21 16:31*	*08/11/21 16:04*	*1*
o-Terphenyl	*111*		*70 - 130*	*08/10/21 16:31*	*08/11/21 16:04*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.98	U	4.98		mg/Kg			08/11/21 10:05	1

Client Sample ID: BH-27 (4)

Lab Sample ID: 890-1077-11
Matrix: Solid

Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56
Sample Depth: - 4

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		08/10/21 08:43	08/10/21 21:12	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/10/21 08:43	08/10/21 21:12	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/10/21 08:43	08/10/21 21:12	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/10/21 08:43	08/10/21 21:12	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/10/21 08:43	08/10/21 21:12	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/10/21 08:43	08/10/21 21:12	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		08/10/21 08:43	08/10/21 21:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*153*	*S1+*	*70 - 130*	*08/10/21 08:43*	*08/10/21 21:12*	*1*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*08/10/21 08:43*	*08/10/21 21:12*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1077-1
SDG: Eddy County NM

Client Sample ID: BH-27 (4)

Lab Sample ID: 890-1077-11
Matrix: Solid
Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56
Sample Depth: - 4

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		08/10/21 16:31	08/11/21 16:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/10/21 16:31	08/11/21 16:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/10/21 16:31	08/11/21 16:47	1
Total TPH	<50.0	U	50.0		mg/Kg		08/10/21 16:31	08/11/21 16:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*08/10/21 16:31*	*08/11/21 16:47*	*1*
o-Terphenyl	*105*		*70 - 130*	*08/10/21 16:31*	*08/11/21 16:47*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.95	U F1	4.95		mg/Kg			08/11/21 10:10	1

Client Sample ID: BH-28 (4)

Lab Sample ID: 890-1077-12
Matrix: Solid
Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56
Sample Depth: - 4

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		08/10/21 08:43	08/10/21 21:38	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/10/21 08:43	08/10/21 21:38	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/10/21 08:43	08/10/21 21:38	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/10/21 08:43	08/10/21 21:38	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/10/21 08:43	08/10/21 21:38	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/10/21 08:43	08/10/21 21:38	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		08/10/21 08:43	08/10/21 21:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*08/10/21 08:43*	*08/10/21 21:38*	*1*
1,4-Difluorobenzene (Surr)	*114*		*70 - 130*	*08/10/21 08:43*	*08/10/21 21:38*	*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		08/10/21 16:31	08/11/21 17:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/10/21 16:31	08/11/21 17:08	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/10/21 16:31	08/11/21 17:08	1
Total TPH	<50.0	U	50.0		mg/Kg		08/10/21 16:31	08/11/21 17:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*70 - 130*	*08/10/21 16:31*	*08/11/21 17:08*	*1*
o-Terphenyl	*108*		*70 - 130*	*08/10/21 16:31*	*08/11/21 17:08*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.97	U	4.97		mg/Kg			08/11/21 10:27	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1077-1
SDG: Eddy County NM

Client Sample ID: BH-29 (4)

Lab Sample ID: 890-1077-13
Matrix: Solid
Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56
Sample Depth: - 4

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		08/10/21 08:43	08/10/21 22:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/10/21 08:43	08/10/21 22:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/10/21 08:43	08/10/21 22:03	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/10/21 08:43	08/10/21 22:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/10/21 08:43	08/10/21 22:03	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/10/21 08:43	08/10/21 22:03	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		08/10/21 08:43	08/10/21 22:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*126*		*70 - 130*	*08/10/21 08:43*	*08/10/21 22:03*	*1*
1,4-Difluorobenzene (Surr)	*128*		*70 - 130*	*08/10/21 08:43*	*08/10/21 22:03*	*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		08/10/21 16:31	08/11/21 17:30	1
Diesel Range Organics (Over C10-C28)	**791**		49.9		mg/Kg		08/10/21 16:31	08/11/21 17:30	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/10/21 16:31	08/11/21 17:30	1
Total TPH	**791**		49.9		mg/Kg		08/10/21 16:31	08/11/21 17:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 130*	*08/10/21 16:31*	*08/11/21 17:30*	*1*
o-Terphenyl	*93*		*70 - 130*	*08/10/21 16:31*	*08/11/21 17:30*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.99	U	4.99		mg/Kg			08/11/21 10:32	1

Client Sample ID: BH-30 (4)

Lab Sample ID: 890-1077-14
Matrix: Solid
Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56
Sample Depth: - 4

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		08/10/21 08:43	08/10/21 22:29	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/10/21 08:43	08/10/21 22:29	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/10/21 08:43	08/10/21 22:29	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		08/10/21 08:43	08/10/21 22:29	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/10/21 08:43	08/10/21 22:29	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		08/10/21 08:43	08/10/21 22:29	1
Total BTEX	<0.00397	U	0.00397		mg/Kg		08/10/21 08:43	08/10/21 22:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*152*	*S1+*	*70 - 130*	*08/10/21 08:43*	*08/10/21 22:29*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*08/10/21 08:43*	*08/10/21 22:29*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1077-1
SDG: Eddy County NM

Client Sample ID: BH-30 (4)

Lab Sample ID: 890-1077-14
Matrix: Solid
Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56
Sample Depth: - 4

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		08/10/21 16:31	08/11/21 17:52	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/10/21 16:31	08/11/21 17:52	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/10/21 16:31	08/11/21 17:52	1
Total TPH	<49.9	U	49.9		mg/Kg		08/10/21 16:31	08/11/21 17:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*08/10/21 16:31*	*08/11/21 17:52*	*1*
o-Terphenyl	*100*		*70 - 130*	*08/10/21 16:31*	*08/11/21 17:52*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.02	U	5.02		mg/Kg			08/11/21 10:49	1

Client Sample ID: BH-31 (4)

Lab Sample ID: 890-1077-15
Matrix: Solid
Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56
Sample Depth: - 4

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		08/10/21 08:43	08/10/21 22:55	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/10/21 08:43	08/10/21 22:55	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/10/21 08:43	08/10/21 22:55	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/10/21 08:43	08/10/21 22:55	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/10/21 08:43	08/10/21 22:55	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/10/21 08:43	08/10/21 22:55	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		08/10/21 08:43	08/10/21 22:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*159*	*S1+*	*70 - 130*	*08/10/21 08:43*	*08/10/21 22:55*	*1*
1,4-Difluorobenzene (Surr)	*123*		*70 - 130*	*08/10/21 08:43*	*08/10/21 22:55*	*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		08/10/21 16:31	08/11/21 18:13	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/10/21 16:31	08/11/21 18:13	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/10/21 16:31	08/11/21 18:13	1
Total TPH	<49.8	U	49.8		mg/Kg		08/10/21 16:31	08/11/21 18:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*08/10/21 16:31*	*08/11/21 18:13*	*1*
o-Terphenyl	*101*		*70 - 130*	*08/10/21 16:31*	*08/11/21 18:13*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5.53**		4.98		mg/Kg			08/11/21 10:54	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1077-1
SDG: Eddy County NM

Client Sample ID: BH-32 (4)

Lab Sample ID: 890-1077-16
Matrix: Solid
Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56
Sample Depth: - 4

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U F1	0.00202		mg/Kg		08/10/21 11:34	08/11/21 02:47	1
Toluene	<0.00202	U F1 F2	0.00202		mg/Kg		08/10/21 11:34	08/11/21 02:47	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/10/21 11:34	08/11/21 02:47	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		08/10/21 11:34	08/11/21 02:47	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/10/21 11:34	08/11/21 02:47	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		08/10/21 11:34	08/11/21 02:47	1
Total BTEX	<0.00403	U F2	0.00403		mg/Kg		08/10/21 11:34	08/11/21 02:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*154*	*S1+*	*70 - 130*	*08/10/21 11:34*	*08/11/21 02:47*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*08/10/21 11:34*	*08/11/21 02:47*	*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		08/10/21 16:31	08/11/21 18:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/10/21 16:31	08/11/21 18:34	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/10/21 16:31	08/11/21 18:34	1
Total TPH	<49.9	U	49.9		mg/Kg		08/10/21 16:31	08/11/21 18:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*08/10/21 16:31*	*08/11/21 18:34*	*1*
o-Terphenyl	*103*		*70 - 130*	*08/10/21 16:31*	*08/11/21 18:34*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			08/11/21 10:59	1

Client Sample ID: BH-33 (4)

Lab Sample ID: 890-1077-17
Matrix: Solid
Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56
Sample Depth: - 4

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		08/10/21 11:34	08/11/21 03:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/10/21 11:34	08/11/21 03:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/10/21 11:34	08/11/21 03:13	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/10/21 11:34	08/11/21 03:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/10/21 11:34	08/11/21 03:13	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/10/21 11:34	08/11/21 03:13	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		08/10/21 11:34	08/11/21 03:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*	*08/10/21 11:34*	*08/11/21 03:13*	*1*
1,4-Difluorobenzene (Surr)	*116*		*70 - 130*	*08/10/21 11:34*	*08/11/21 03:13*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1077-1
SDG: Eddy County NM

Client Sample ID: BH-33 (4)

Lab Sample ID: 890-1077-17
Matrix: Solid
Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56
Sample Depth: - 4

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		08/10/21 16:31	08/11/21 18:56	1
Diesel Range Organics (Over C10-C28)	**2140**		50.0		mg/Kg		08/10/21 16:31	08/11/21 18:56	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/10/21 16:31	08/11/21 18:56	1
Total TPH	**2140**		50.0		mg/Kg		08/10/21 16:31	08/11/21 18:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*08/10/21 16:31*	*08/11/21 18:56*	*1*
o-Terphenyl	*91*		*70 - 130*	*08/10/21 16:31*	*08/11/21 18:56*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.96	U	4.96		mg/Kg			08/11/21 11:05	1

Client Sample ID: BH-34 (4)

Lab Sample ID: 890-1077-18
Matrix: Solid
Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56
Sample Depth: - 4

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		08/10/21 11:34	08/11/21 03:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/10/21 11:34	08/11/21 03:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/10/21 11:34	08/11/21 03:39	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/10/21 11:34	08/11/21 03:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/10/21 11:34	08/11/21 03:39	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/10/21 11:34	08/11/21 03:39	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		08/10/21 11:34	08/11/21 03:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*140*	*S1+*	*70 - 130*	*08/10/21 11:34*	*08/11/21 03:39*	*1*
1,4-Difluorobenzene (Surr)	*121*		*70 - 130*	*08/10/21 11:34*	*08/11/21 03:39*	*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		08/10/21 16:31	08/11/21 19:17	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/10/21 16:31	08/11/21 19:17	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/10/21 16:31	08/11/21 19:17	1
Total TPH	<49.8	U	49.8		mg/Kg		08/10/21 16:31	08/11/21 19:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 130*	*08/10/21 16:31*	*08/11/21 19:17*	*1*
o-Terphenyl	*89*		*70 - 130*	*08/10/21 16:31*	*08/11/21 19:17*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8.14**		4.97		mg/Kg			08/11/21 11:10	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1077-1
SDG: Eddy County NM

Client Sample ID: SW-21 (8)

Lab Sample ID: 890-1077-19

Date Collected: 08/09/21 00:00
Matrix: Solid
Date Received: 08/09/21 14:56
Sample Depth: - 8

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		08/10/21 11:34	08/11/21 04:05	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/10/21 11:34	08/11/21 04:05	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/10/21 11:34	08/11/21 04:05	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/10/21 11:34	08/11/21 04:05	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/10/21 11:34	08/11/21 04:05	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/10/21 11:34	08/11/21 04:05	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		08/10/21 11:34	08/11/21 04:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*129*		*70 - 130*	*08/10/21 11:34*	*08/11/21 04:05*	*1*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*08/10/21 11:34*	*08/11/21 04:05*	*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		08/10/21 16:31	08/11/21 19:38	1
Diesel Range Organics (Over C10-C28)	**72.4**		50.0		mg/Kg		08/10/21 16:31	08/11/21 19:38	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/10/21 16:31	08/11/21 19:38	1
Total TPH	**72.4**		50.0		mg/Kg		08/10/21 16:31	08/11/21 19:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*89*		*70 - 130*	*08/10/21 16:31*	*08/11/21 19:38*	*1*
o-Terphenyl	*90*		*70 - 130*	*08/10/21 16:31*	*08/11/21 19:38*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.99	U	4.99		mg/Kg			08/11/21 11:16	1

Client Sample ID: SW-22 (8)

Lab Sample ID: 890-1077-20

Date Collected: 08/09/21 00:00
Matrix: Solid
Date Received: 08/09/21 14:56
Sample Depth: - 8

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		08/10/21 11:34	08/11/21 04:31	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/10/21 11:34	08/11/21 04:31	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/10/21 11:34	08/11/21 04:31	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/10/21 11:34	08/11/21 04:31	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/10/21 11:34	08/11/21 04:31	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/10/21 11:34	08/11/21 04:31	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		08/10/21 11:34	08/11/21 04:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*154*	*S1+*	*70 - 130*	*08/10/21 11:34*	*08/11/21 04:31*	*1*
1,4-Difluorobenzene (Surr)	*131*	*S1+*	*70 - 130*	*08/10/21 11:34*	*08/11/21 04:31*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1077-1
SDG: Eddy County NM

Client Sample ID: SW-22 (8)

Lab Sample ID: 890-1077-20
Matrix: Solid
Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56
Sample Depth: - 8

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		08/10/21 16:31	08/11/21 19:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/10/21 16:31	08/11/21 19:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/10/21 16:31	08/11/21 19:59	1
Total TPH	<50.0	U	50.0		mg/Kg		08/10/21 16:31	08/11/21 19:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 130*	*08/10/21 16:31*	*08/11/21 19:59*	*1*
o-Terphenyl	*107*		*70 - 130*	*08/10/21 16:31*	*08/11/21 19:59*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			08/11/21 11:21	1

Client Sample ID: SW-23 (8)

Lab Sample ID: 890-1077-21
Matrix: Solid
Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56
Sample Depth: - 8

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		08/10/21 11:34	08/11/21 04:57	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/10/21 11:34	08/11/21 04:57	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/10/21 11:34	08/11/21 04:57	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/10/21 11:34	08/11/21 04:57	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/10/21 11:34	08/11/21 04:57	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/10/21 11:34	08/11/21 04:57	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		08/10/21 11:34	08/11/21 04:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*140*	*S1+*	*70 - 130*	*08/10/21 11:34*	*08/11/21 04:57*	*1*
1,4-Difluorobenzene (Surr)	*133*	*S1+*	*70 - 130*	*08/10/21 11:34*	*08/11/21 04:57*	*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		08/10/21 14:23	08/11/21 03:01	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/10/21 14:23	08/11/21 03:01	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/10/21 14:23	08/11/21 03:01	1
Total TPH	<49.9	U	49.9		mg/Kg		08/10/21 14:23	08/11/21 03:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*112*		*70 - 130*	*08/10/21 14:23*	*08/11/21 03:01*	*1*
o-Terphenyl	*123*		*70 - 130*	*08/10/21 14:23*	*08/11/21 03:01*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**18.2**		5.00		mg/Kg			08/11/21 11:26	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1077-1
SDG: Eddy County NM

Client Sample ID: SW-24 (8)

Lab Sample ID: 890-1077-22
Matrix: Solid
Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56
Sample Depth: - 8

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		08/10/21 11:34	08/11/21 05:23	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/10/21 11:34	08/11/21 05:23	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/10/21 11:34	08/11/21 05:23	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/10/21 11:34	08/11/21 05:23	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/10/21 11:34	08/11/21 05:23	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/10/21 11:34	08/11/21 05:23	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		08/10/21 11:34	08/11/21 05:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*230*	*S1+*	*70 - 130*	*08/10/21 11:34*	*08/11/21 05:23*	*1*
1,4-Difluorobenzene (Surr)	*70*		*70 - 130*	*08/10/21 11:34*	*08/11/21 05:23*	*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		08/10/21 14:23	08/11/21 03:22	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/10/21 14:23	08/11/21 03:22	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/10/21 14:23	08/11/21 03:22	1
Total TPH	<49.8	U	49.8		mg/Kg		08/10/21 14:23	08/11/21 03:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 130*	*08/10/21 14:23*	*08/11/21 03:22*	*1*
o-Terphenyl	*103*		*70 - 130*	*08/10/21 14:23*	*08/11/21 03:22*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**17.2**		5.00		mg/Kg			08/11/21 11:32	1

Client Sample ID: SW-25 (6)

Lab Sample ID: 890-1077-23
Matrix: Solid
Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56
Sample Depth: - 6

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		08/10/21 11:34	08/11/21 05:49	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/10/21 11:34	08/11/21 05:49	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/10/21 11:34	08/11/21 05:49	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/10/21 11:34	08/11/21 05:49	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/10/21 11:34	08/11/21 05:49	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/10/21 11:34	08/11/21 05:49	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		08/10/21 11:34	08/11/21 05:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*140*	*S1+*	*70 - 130*	*08/10/21 11:34*	*08/11/21 05:49*	*1*
1,4-Difluorobenzene (Surr)	*125*		*70 - 130*	*08/10/21 11:34*	*08/11/21 05:49*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1077-1
SDG: Eddy County NM

Client Sample ID: SW-25 (6)

Lab Sample ID: 890-1077-23
Matrix: Solid
Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56
Sample Depth: - 6

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		08/10/21 14:23	08/11/21 03:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/10/21 14:23	08/11/21 03:43	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/10/21 14:23	08/11/21 03:43	1
Total TPH	<49.9	U	49.9		mg/Kg		08/10/21 14:23	08/11/21 03:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 130*	*08/10/21 14:23*	*08/11/21 03:43*	*1*
o-Terphenyl	*104*		*70 - 130*	*08/10/21 14:23*	*08/11/21 03:43*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**17.2**		5.04		mg/Kg			08/11/21 11:38	1

Client Sample ID: SW-26 (6)

Lab Sample ID: 890-1077-24
Matrix: Solid
Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56
Sample Depth: - 6

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		08/10/21 11:34	08/11/21 06:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/10/21 11:34	08/11/21 06:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/10/21 11:34	08/11/21 06:14	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/10/21 11:34	08/11/21 06:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/10/21 11:34	08/11/21 06:14	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/10/21 11:34	08/11/21 06:14	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		08/10/21 11:34	08/11/21 06:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*08/10/21 11:34*	*08/11/21 06:14*	*1*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*	*08/10/21 11:34*	*08/11/21 06:14*	*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		08/10/21 14:23	08/11/21 04:04	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/10/21 14:23	08/11/21 04:04	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/10/21 14:23	08/11/21 04:04	1
Total TPH	<50.0	U	50.0		mg/Kg		08/10/21 14:23	08/11/21 04:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*08/10/21 14:23*	*08/11/21 04:04*	*1*
o-Terphenyl	*123*		*70 - 130*	*08/10/21 14:23*	*08/11/21 04:04*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**17.7**		4.98		mg/Kg			08/11/21 11:43	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1077-1
SDG: Eddy County NM

Client Sample ID: SW-27 (6)

Lab Sample ID: 890-1077-25
Matrix: Solid
Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56
Sample Depth: - 6

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		08/10/21 11:34	08/11/21 06:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/10/21 11:34	08/11/21 06:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/10/21 11:34	08/11/21 06:40	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/10/21 11:34	08/11/21 06:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/10/21 11:34	08/11/21 06:40	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/10/21 11:34	08/11/21 06:40	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		08/10/21 11:34	08/11/21 06:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*136*	*S1+*	*70 - 130*	*08/10/21 11:34*	*08/11/21 06:40*	*1*
1,4-Difluorobenzene (Surr)	*121*		*70 - 130*	*08/10/21 11:34*	*08/11/21 06:40*	*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		08/10/21 14:23	08/11/21 04:25	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/10/21 14:23	08/11/21 04:25	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/10/21 14:23	08/11/21 04:25	1
Total TPH	<49.8	U	49.8		mg/Kg		08/10/21 14:23	08/11/21 04:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*08/10/21 14:23*	*08/11/21 04:25*	*1*
o-Terphenyl	*109*		*70 - 130*	*08/10/21 14:23*	*08/11/21 04:25*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**19.1**		4.99		mg/Kg			08/11/21 11:49	1

Client Sample ID: SW-28 (4)

Lab Sample ID: 890-1077-26
Matrix: Solid
Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56
Sample Depth: - 4

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		08/10/21 11:34	08/11/21 13:36	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/10/21 11:34	08/11/21 13:36	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/10/21 11:34	08/11/21 13:36	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/10/21 11:34	08/11/21 13:36	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/10/21 11:34	08/11/21 13:36	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/10/21 11:34	08/11/21 13:36	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		08/10/21 11:34	08/11/21 13:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*155*	*S1+*	*70 - 130*	*08/10/21 11:34*	*08/11/21 13:36*	*1*
1,4-Difluorobenzene (Surr)	*115*		*70 - 130*	*08/10/21 11:34*	*08/11/21 13:36*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1077-1
SDG: Eddy County NM

Client Sample ID: SW-28 (4)

Lab Sample ID: 890-1077-26
Matrix: Solid
Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56
Sample Depth: - 4

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		08/10/21 14:23	08/11/21 04:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/10/21 14:23	08/11/21 04:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/10/21 14:23	08/11/21 04:47	1
Total TPH	<50.0	U	50.0		mg/Kg		08/10/21 14:23	08/11/21 04:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 130*	*08/10/21 14:23*	*08/11/21 04:47*	*1*
o-Terphenyl	*105*		*70 - 130*	*08/10/21 14:23*	*08/11/21 04:47*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**24.1**		5.01		mg/Kg			08/11/21 12:06	1

Client Sample ID: SW-29 (2)

Lab Sample ID: 890-1077-27
Matrix: Solid
Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56
Sample Depth: - 2

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		08/10/21 11:34	08/11/21 14:02	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/10/21 11:34	08/11/21 14:02	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/10/21 11:34	08/11/21 14:02	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/10/21 11:34	08/11/21 14:02	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/10/21 11:34	08/11/21 14:02	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/10/21 11:34	08/11/21 14:02	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		08/10/21 11:34	08/11/21 14:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*156*	*S1+*	*70 - 130*	*08/10/21 11:34*	*08/11/21 14:02*	*1*
1,4-Difluorobenzene (Surr)	*126*		*70 - 130*	*08/10/21 11:34*	*08/11/21 14:02*	*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		08/10/21 14:23	08/11/21 05:08	1
Diesel Range Organics (Over C10-C28)	**668**		50.0		mg/Kg		08/10/21 14:23	08/11/21 05:08	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/10/21 14:23	08/11/21 05:08	1
Total TPH	**668**		50.0		mg/Kg		08/10/21 14:23	08/11/21 05:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*79*		*70 - 130*	*08/10/21 14:23*	*08/11/21 05:08*	*1*
o-Terphenyl	*86*		*70 - 130*	*08/10/21 14:23*	*08/11/21 05:08*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**16.0**		4.98		mg/Kg			08/11/21 12:11	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1077-1
SDG: Eddy County NM

Client Sample ID: SW-30 (2)

Lab Sample ID: 890-1077-28
Matrix: Solid
Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56
Sample Depth: - 2

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		08/10/21 11:34	08/11/21 09:59	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/10/21 11:34	08/11/21 09:59	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/10/21 11:34	08/11/21 09:59	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/10/21 11:34	08/11/21 09:59	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/10/21 11:34	08/11/21 09:59	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/10/21 11:34	08/11/21 09:59	1
Total BTEX	<0.00404	U	0.00404		mg/Kg		08/10/21 11:34	08/11/21 09:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*150*	*S1+*	*70 - 130*	*08/10/21 11:34*	*08/11/21 09:59*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*08/10/21 11:34*	*08/11/21 09:59*	*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		08/10/21 14:43	08/11/21 01:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/10/21 14:43	08/11/21 01:58	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/10/21 14:43	08/11/21 01:58	1
Total TPH	<50.0	U	50.0		mg/Kg		08/10/21 14:43	08/11/21 01:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*119*		*70 - 130*	*08/10/21 14:43*	*08/11/21 01:58*	*1*
o-Terphenyl	*126*		*70 - 130*	*08/10/21 14:43*	*08/11/21 01:58*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**18.2**		4.95		mg/Kg			08/11/21 12:28	1

Client Sample ID: SW-31 (2)

Lab Sample ID: 890-1077-29
Matrix: Solid
Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56
Sample Depth: - 2

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		08/10/21 11:34	08/11/21 10:25	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/10/21 11:34	08/11/21 10:25	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/10/21 11:34	08/11/21 10:25	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		08/10/21 11:34	08/11/21 10:25	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/10/21 11:34	08/11/21 10:25	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		08/10/21 11:34	08/11/21 10:25	1
Total BTEX	<0.00403	U	0.00403		mg/Kg		08/10/21 11:34	08/11/21 10:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*156*	*S1+*	*70 - 130*	*08/10/21 11:34*	*08/11/21 10:25*	*1*
1,4-Difluorobenzene (Surr)	*130*		*70 - 130*	*08/10/21 11:34*	*08/11/21 10:25*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1077-1
SDG: Eddy County NM

Client Sample ID: SW-31 (2)

Lab Sample ID: 890-1077-29
Matrix: Solid
Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56
Sample Depth: - 2

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		08/10/21 14:43	08/11/21 02:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/10/21 14:43	08/11/21 02:19	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/10/21 14:43	08/11/21 02:19	1
Total TPH	<50.0	U	50.0		mg/Kg		08/10/21 14:43	08/11/21 02:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*105*		*70 - 130*	*08/10/21 14:43*	*08/11/21 02:19*	*1*
o-Terphenyl	*106*		*70 - 130*	*08/10/21 14:43*	*08/11/21 02:19*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**16.3**		4.97		mg/Kg			08/11/21 12:34	1

Client Sample ID: SW-32 (4)

Lab Sample ID: 890-1077-30
Matrix: Solid
Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56
Sample Depth: - 4

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		08/10/21 11:34	08/11/21 10:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/10/21 11:34	08/11/21 10:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/10/21 11:34	08/11/21 10:52	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/10/21 11:34	08/11/21 10:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/10/21 11:34	08/11/21 10:52	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/10/21 11:34	08/11/21 10:52	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		08/10/21 11:34	08/11/21 10:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*162*	*S1+*	*70 - 130*	*08/10/21 11:34*	*08/11/21 10:52*	*1*
1,4-Difluorobenzene (Surr)	*130*		*70 - 130*	*08/10/21 11:34*	*08/11/21 10:52*	*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		08/10/21 14:43	08/11/21 02:40	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/10/21 14:43	08/11/21 02:40	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/10/21 14:43	08/11/21 02:40	1
Total TPH	<49.9	U	49.9		mg/Kg		08/10/21 14:43	08/11/21 02:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*103*		*70 - 130*	*08/10/21 14:43*	*08/11/21 02:40*	*1*
o-Terphenyl	*103*		*70 - 130*	*08/10/21 14:43*	*08/11/21 02:40*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**23.7**		4.96		mg/Kg			08/11/21 12:39	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1077-1
SDG: Eddy County NM

Client Sample ID: SW-33 (4)

Lab Sample ID: 890-1077-31
Matrix: Solid
Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56
Sample Depth: - 4

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		08/10/21 11:34	08/11/21 11:17	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/10/21 11:34	08/11/21 11:17	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/10/21 11:34	08/11/21 11:17	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/10/21 11:34	08/11/21 11:17	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/10/21 11:34	08/11/21 11:17	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/10/21 11:34	08/11/21 11:17	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		08/10/21 11:34	08/11/21 11:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*141*	*S1+*	*70 - 130*	*08/10/21 11:34*	*08/11/21 11:17*	*1*
1,4-Difluorobenzene (Surr)	*128*		*70 - 130*	*08/10/21 11:34*	*08/11/21 11:17*	*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		08/10/21 14:43	08/11/21 03:01	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/10/21 14:43	08/11/21 03:01	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/10/21 14:43	08/11/21 03:01	1
Total TPH	<49.9	U	49.9		mg/Kg		08/10/21 14:43	08/11/21 03:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*91*		*70 - 130*	*08/10/21 14:43*	*08/11/21 03:01*	*1*
o-Terphenyl	*90*		*70 - 130*	*08/10/21 14:43*	*08/11/21 03:01*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**19.2**		5.05		mg/Kg			08/11/21 12:45	1

Client Sample ID: SW-34 (4)

Lab Sample ID: 890-1077-32
Matrix: Solid
Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56
Sample Depth: - 4

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		08/10/21 11:34	08/11/21 11:43	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/10/21 11:34	08/11/21 11:43	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/10/21 11:34	08/11/21 11:43	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		08/10/21 11:34	08/11/21 11:43	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/10/21 11:34	08/11/21 11:43	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		08/10/21 11:34	08/11/21 11:43	1
Total BTEX	<0.00403	U	0.00403		mg/Kg		08/10/21 11:34	08/11/21 11:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*139*	*S1+*	*70 - 130*	*08/10/21 11:34*	*08/11/21 11:43*	*1*
1,4-Difluorobenzene (Surr)	*115*		*70 - 130*	*08/10/21 11:34*	*08/11/21 11:43*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1077-1
SDG: Eddy County NM

Client Sample ID: SW-34 (4)

Lab Sample ID: 890-1077-32
Matrix: Solid
Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56
Sample Depth: - 4

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		08/10/21 14:43	08/11/21 03:22	1
Diesel Range Organics (Over C10-C28)	**97.6**		49.8		mg/Kg		08/10/21 14:43	08/11/21 03:22	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/10/21 14:43	08/11/21 03:22	1
Total TPH	**97.6**		49.8		mg/Kg		08/10/21 14:43	08/11/21 03:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*106*		*70 - 130*	*08/10/21 14:43*	*08/11/21 03:22*	*1*
o-Terphenyl	*113*		*70 - 130*	*08/10/21 14:43*	*08/11/21 03:22*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**18.2**		5.04		mg/Kg			08/11/21 12:50	1

Client Sample ID: SW-35 (5)

Lab Sample ID: 890-1077-33
Matrix: Solid
Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56
Sample Depth: - 5

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		08/12/21 10:00	08/12/21 12:51	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/12/21 10:00	08/12/21 12:51	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/12/21 10:00	08/12/21 12:51	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/12/21 10:00	08/12/21 12:51	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/12/21 10:00	08/12/21 12:51	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/12/21 10:00	08/12/21 12:51	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		08/12/21 10:00	08/12/21 12:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*08/12/21 10:00*	*08/12/21 12:51*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*08/12/21 10:00*	*08/12/21 12:51*	*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		08/10/21 14:43	08/11/21 03:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/10/21 14:43	08/11/21 03:43	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/10/21 14:43	08/11/21 03:43	1
Total TPH	<49.9	U	49.9		mg/Kg		08/10/21 14:43	08/11/21 03:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*08/10/21 14:43*	*08/11/21 03:43*	*1*
o-Terphenyl	*107*		*70 - 130*	*08/10/21 14:43*	*08/11/21 03:43*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**18.1**		4.98		mg/Kg			08/11/21 12:56	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1077-1
SDG: Eddy County NM

Client Sample ID: SW-36 (4)

Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56
Sample Depth: - 4

Lab Sample ID: 890-1077-34

Matrix: Solid

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		08/12/21 10:00	08/12/21 13:12	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/12/21 10:00	08/12/21 13:12	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/12/21 10:00	08/12/21 13:12	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/12/21 10:00	08/12/21 13:12	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/12/21 10:00	08/12/21 13:12	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/12/21 10:00	08/12/21 13:12	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		08/12/21 10:00	08/12/21 13:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*08/12/21 10:00*	*08/12/21 13:12*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*08/12/21 10:00*	*08/12/21 13:12*	*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		08/10/21 14:43	08/11/21 04:04	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/10/21 14:43	08/11/21 04:04	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/10/21 14:43	08/11/21 04:04	1
Total TPH	<50.0	U	50.0		mg/Kg		08/10/21 14:43	08/11/21 04:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*08/10/21 14:43*	*08/11/21 04:04*	*1*
o-Terphenyl	*104*		*70 - 130*	*08/10/21 14:43*	*08/11/21 04:04*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**18.8**		5.00		mg/Kg			08/11/21 13:02	1

Surrogate Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1077-1
SDG: Eddy County NM

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)										
890-1077-1	BH-17 (4)	104	95										
890-1077-2	BH-18 (4)	138 S1+	113										
890-1077-3	BH-19 (2)	124	116										
890-1077-4	BH-20 (2)	149 S1+	96										
890-1077-5	BH-21 (2)	149 S1+	75										
890-1077-6	BH-22 (2)	164 S1+	76										
890-1077-7	BH-23 (2)	143 S1+	98										
890-1077-8	BH-24 (2)	155 S1+	94										
890-1077-9	BH-25 (4)	102	54 S1-										
890-1077-10	BH-26 (4)	149 S1+	110										
890-1077-11	BH-27 (4)	153 S1+	110										
890-1077-12	BH-28 (4)	114	114										
890-1077-13	BH-29 (4)	126	128										
890-1077-14	BH-30 (4)	152 S1+	105										
890-1077-15	BH-31 (4)	159 S1+	123										
890-1077-16	BH-32 (4)	154 S1+	93										
890-1077-16 MS	BH-32 (4)	275 S1+	106										
890-1077-16 MSD	BH-32 (4)	152 S1+	128										
890-1077-17	BH-33 (4)	124	116										
890-1077-18	BH-34 (4)	140 S1+	121										
890-1077-19	SW-21 (8)	129	110										
890-1077-20	SW-22 (8)	154 S1+	131 S1+										
890-1077-21	SW-23 (8)	140 S1+	133 S1+										
890-1077-22	SW-24 (8)	230 S1+	70										
890-1077-23	SW-25 (6)	140 S1+	125										
890-1077-24	SW-26 (6)	117	111										
890-1077-25	SW-27 (6)	136 S1+	121										
890-1077-26	SW-28 (4)	155 S1+	115										
890-1077-27	SW-29 (2)	156 S1+	126										
890-1077-28	SW-30 (2)	150 S1+	98										
890-1077-29	SW-31 (2)	156 S1+	130										
890-1077-30	SW-32 (4)	162 S1+	130										
890-1077-31	SW-33 (4)	141 S1+	128										
890-1077-32	SW-34 (4)	139 S1+	115										
890-1077-33	SW-35 (5)	112	100										
890-1077-33 MS	SW-35 (5)	106	105										
890-1077-33 MSD	SW-35 (5)	109	107										
890-1077-34	SW-36 (4)	114	96										
LCS 880-6281/1-A	Lab Control Sample	117	115										
LCS 880-6315/1-A	Lab Control Sample	133 S1+	129										
LCS 880-6380/1-A	Lab Control Sample	109	105										
LCSD 880-6281/2-A	Lab Control Sample Dup	39 S1-	116										
LCSD 880-6315/2-A	Lab Control Sample Dup	128	123										
LCSD 880-6380/2-A	Lab Control Sample Dup	109	106										
MB 880-6281/5-A	Method Blank	80	98										
MB 880-6315/5-A	Method Blank	83	107										
MB 880-6380/5-A	Method Blank	107	99										

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

Eurofins Xenco, Carlsbad

Surrogate Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1077-1
SDG: Eddy County NM

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)										
890-1072-A-1-E MS	Matrix Spike	87	89										
890-1072-A-1-F MSD	Matrix Spike Duplicate	87	88										
890-1075-A-1-E MS	Matrix Spike	91	89										
890-1075-A-1-F MSD	Matrix Spike Duplicate	92	89										
890-1077-1	BH-17 (4)	94	104										
890-1077-1 MS	BH-17 (4)	89	92										
890-1077-1 MSD	BH-17 (4)	89	91										
890-1077-2	BH-18 (4)	95	107										
890-1077-3	BH-19 (2)	97	108										
890-1077-4	BH-20 (2)	96	108										
890-1077-5	BH-21 (2)	95	103										
890-1077-6	BH-22 (2)	95	102										
890-1077-7	BH-23 (2)	97	102										
890-1077-8	BH-24 (2)	97	104										
890-1077-9	BH-25 (4)	93	102										
890-1077-10	BH-26 (4)	101	111										
890-1077-11	BH-27 (4)	98	105										
890-1077-12	BH-28 (4)	100	108										
890-1077-13	BH-29 (4)	92	93										
890-1077-14	BH-30 (4)	95	100										
890-1077-15	BH-31 (4)	93	101										
890-1077-16	BH-32 (4)	95	103										
890-1077-17	BH-33 (4)	96	91										
890-1077-18	BH-34 (4)	90	89										
890-1077-19	SW-21 (8)	89	90										
890-1077-20	SW-22 (8)	97	107										
890-1077-21	SW-23 (8)	112	123										
890-1077-22	SW-24 (8)	92	103										
890-1077-23	SW-25 (6)	90	104										
890-1077-24	SW-26 (6)	102	123										
890-1077-25	SW-27 (6)	93	109										
890-1077-26	SW-28 (4)	92	105										
890-1077-27	SW-29 (2)	79	86										
890-1077-28	SW-30 (2)	119	126										
890-1077-29	SW-31 (2)	105	106										
890-1077-30	SW-32 (4)	103	103										
890-1077-31	SW-33 (4)	91	90										
890-1077-32	SW-34 (4)	106	113										
890-1077-33	SW-35 (5)	102	107										
890-1077-34	SW-36 (4)	99	104										
LCS 880-6329/2-A	Lab Control Sample	90	98										
LCS 880-6330/2-A	Lab Control Sample	107	104										
LCS 880-6339/2-A	Lab Control Sample	81	84										
LCSD 880-6329/3-A	Lab Control Sample Dup	90	96										
LCSD 880-6330/3-A	Lab Control Sample Dup	97	95										
LCSD 880-6339/3-A	Lab Control Sample Dup	81	85										
MB 880-6329/1-A	Method Blank	94	114										
MB 880-6330/1-A	Method Blank	101	105										

Surrogate Summary

Client: Tetra Tech, Inc. Job ID: 890-1077-1
Project/Site: Falcon CDP SDG: Eddy County NM

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
		1CO1	OTPH1								
Lab Sample ID	Client Sample ID	(70-130)	(70-130)								
MB 880-6339/1-A	Method Blank	83	93								

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1077-1
SDG: Eddy County NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-6281/5-A
Matrix: Solid
Analysis Batch: 6278

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 6281

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/10/21 08:43	08/10/21 12:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/10/21 08:43	08/10/21 12:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/10/21 08:43	08/10/21 12:59	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/10/21 08:43	08/10/21 12:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/10/21 08:43	08/10/21 12:59	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/10/21 08:43	08/10/21 12:59	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		08/10/21 08:43	08/10/21 12:59	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*80*		*70 - 130*	*08/10/21 08:43*	*08/10/21 12:59*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*08/10/21 08:43*	*08/10/21 12:59*	*1*

Lab Sample ID: LCS 880-6281/1-A
Matrix: Solid
Analysis Batch: 6278

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 6281

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.1285		mg/Kg		129	70 - 130
Toluene	0.100	0.1289		mg/Kg		129	70 - 130
Ethylbenzene	0.100	0.1217		mg/Kg		122	70 - 130
m-Xylene & p-Xylene	0.200	0.2380		mg/Kg		119	70 - 130
o-Xylene	0.100	0.1155		mg/Kg		116	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*
1,4-Difluorobenzene (Surr)	*115*		*70 - 130*

Lab Sample ID: LCSD 880-6281/2-A
Matrix: Solid
Analysis Batch: 6278

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 6281

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.1157		mg/Kg		116	70 - 130	11	35
Toluene	0.100	0.1210		mg/Kg		121	70 - 130	6	35
Ethylbenzene	0.100	0.1154		mg/Kg		115	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.2260		mg/Kg		113	70 - 130	5	35
o-Xylene	0.100	0.1092		mg/Kg		109	70 - 130	6	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*39*	*S1-*	*70 - 130*
1,4-Difluorobenzene (Surr)	*116*		*70 - 130*

Lab Sample ID: MB 880-6315/5-A
Matrix: Solid
Analysis Batch: 6278

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 6315

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/10/21 11:34	08/11/21 02:21	1

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1077-1
SDG: Eddy County NM

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

Lab Sample ID: MB 880-6315/5-A
Matrix: Solid
Analysis Batch: 6278

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 6315

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00200	U	0.00200		mg/Kg		08/10/21 11:34	08/11/21 02:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/10/21 11:34	08/11/21 02:21	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/10/21 11:34	08/11/21 02:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/10/21 11:34	08/11/21 02:21	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/10/21 11:34	08/11/21 02:21	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		08/10/21 11:34	08/11/21 02:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*83*		*70 - 130*	*08/10/21 11:34*	*08/11/21 02:21*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*08/10/21 11:34*	*08/11/21 02:21*	*1*

Lab Sample ID: LCS 880-6315/1-A
Matrix: Solid
Analysis Batch: 6278

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 6315

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			0.100	0.1255		mg/Kg		126	70 - 130		
Toluene			0.100	0.1164		mg/Kg		116	70 - 130		
Ethylbenzene			0.100	0.1218		mg/Kg		122	70 - 130		
m-Xylene & p-Xylene			0.200	0.2407		mg/Kg		120	70 - 130		
o-Xylene			0.100	0.1207		mg/Kg		121	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*133*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*129*		*70 - 130*

Lab Sample ID: LCSD 880-6315/2-A
Matrix: Solid
Analysis Batch: 6278

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 6315

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			0.100	0.1249		mg/Kg		125	70 - 130	0	35
Toluene			0.100	0.1135		mg/Kg		113	70 - 130	3	35
Ethylbenzene			0.100	0.1136		mg/Kg		114	70 - 130	7	35
m-Xylene & p-Xylene			0.200	0.2249		mg/Kg		112	70 - 130	7	35
o-Xylene			0.100	0.1136		mg/Kg		114	70 - 130	6	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*128*		*70 - 130*
1,4-Difluorobenzene (Surr)	*123*		*70 - 130*

Lab Sample ID: 890-1077-16 MS
Matrix: Solid
Analysis Batch: 6278

Client Sample ID: BH-32 (4)
Prep Type: Total/NA
Prep Batch: 6315

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene	<0.00202	U F1	0.0994	0.06775	F1	mg/Kg		68	70 - 130		
Toluene	<0.00202	U F1 F2	0.0994	0.06321	F1	mg/Kg		64	70 - 130		

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1077-1
SDG: Eddy County NM

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

Lab Sample ID: 890-1077-16 MS
Matrix: Solid
Analysis Batch: 6278

Client Sample ID: BH-32 (4)
Prep Type: Total/NA
Prep Batch: 6315

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	<0.00202	U	0.0994	0.07514		mg/Kg		76	70 - 130
m-Xylene & p-Xylene	<0.00403	U	0.199	0.1446		mg/Kg		73	70 - 130
o-Xylene	<0.00202	U	0.0994	0.07608		mg/Kg		77	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*275*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*

Lab Sample ID: 890-1077-16 MSD
Matrix: Solid
Analysis Batch: 6278

Client Sample ID: BH-32 (4)
Prep Type: Total/NA
Prep Batch: 6315

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00202	U F1	0.0998	0.08572		mg/Kg		86	70 - 130	23	35
Toluene	<0.00202	U F1 F2	0.0998	0.09496	F2	mg/Kg		95	70 - 130	40	35
Ethylbenzene	<0.00202	U	0.0998	0.09295		mg/Kg		93	70 - 130	21	35
m-Xylene & p-Xylene	<0.00403	U	0.200	0.1820		mg/Kg		91	70 - 130	23	35
o-Xylene	<0.00202	U	0.0998	0.09425		mg/Kg		94	70 - 130	21	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*152*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*128*		*70 - 130*

Lab Sample ID: MB 880-6380/5-A
Matrix: Solid
Analysis Batch: 6428

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 6380

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/12/21 10:00	08/12/21 12:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/12/21 10:00	08/12/21 12:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/12/21 10:00	08/12/21 12:30	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/12/21 10:00	08/12/21 12:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/12/21 10:00	08/12/21 12:30	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/12/21 10:00	08/12/21 12:30	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		08/12/21 10:00	08/12/21 12:30	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*08/12/21 10:00*	*08/12/21 12:30*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*08/12/21 10:00*	*08/12/21 12:30*	*1*

Lab Sample ID: LCS 880-6380/1-A
Matrix: Solid
Analysis Batch: 6428

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 6380

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.09363		mg/Kg		94	70 - 130
Toluene	0.100	0.08738		mg/Kg		87	70 - 130
Ethylbenzene	0.100	0.08721		mg/Kg		87	70 - 130

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1077-1
SDG: Eddy County NM

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

Lab Sample ID: LCS 880-6380/1-A
Matrix: Solid
Analysis Batch: 6428

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 6380

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
m-Xylene & p-Xylene			0.200	0.1793		mg/Kg		90	70 - 130		
o-Xylene			0.100	0.08868		mg/Kg		89	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*

Lab Sample ID: LCSD 880-6380/2-A
Matrix: Solid
Analysis Batch: 6428

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 6380

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			0.100	0.09726		mg/Kg		97	70 - 130	4	35
Toluene			0.100	0.08919		mg/Kg		89	70 - 130	2	35
Ethylbenzene			0.100	0.08897		mg/Kg		89	70 - 130	2	35
m-Xylene & p-Xylene			0.200	0.1804		mg/Kg		90	70 - 130	1	35
o-Xylene			0.100	0.08981		mg/Kg		90	70 - 130	1	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*

Lab Sample ID: 890-1077-33 MS
Matrix: Solid
Analysis Batch: 6428

Client Sample ID: SW-35 (5)
Prep Type: Total/NA
Prep Batch: 6380

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene	<0.00199	U	0.101	0.1019		mg/Kg		101	70 - 130		
Toluene	<0.00199	U	0.101	0.09253		mg/Kg		92	70 - 130		
Ethylbenzene	<0.00199	U	0.101	0.08916		mg/Kg		88	70 - 130		
m-Xylene & p-Xylene	<0.00398	U	0.202	0.1795		mg/Kg		89	70 - 130		
o-Xylene	<0.00199	U	0.101	0.08911		mg/Kg		88	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*

Lab Sample ID: 890-1077-33 MSD
Matrix: Solid
Analysis Batch: 6428

Client Sample ID: SW-35 (5)
Prep Type: Total/NA
Prep Batch: 6380

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.100	0.1074		mg/Kg		107	70 - 130	5	35
Toluene	<0.00199	U	0.100	0.09866		mg/Kg		99	70 - 130	6	35
Ethylbenzene	<0.00199	U	0.100	0.09490		mg/Kg		95	70 - 130	6	35
m-Xylene & p-Xylene	<0.00398	U	0.200	0.1912		mg/Kg		96	70 - 130	6	35
o-Xylene	<0.00199	U	0.100	0.09493		mg/Kg		95	70 - 130	6	35

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1077-1
SDG: Eddy County NM

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

Lab Sample ID: 890-1077-33 MSD
Matrix: Solid
Analysis Batch: 6428

Client Sample ID: SW-35 (5)
Prep Type: Total/NA
Prep Batch: 6380

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

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

Lab Sample ID: MB 880-6329/1-A
Matrix: Solid
Analysis Batch: 6274

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 6329

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		08/10/21 14:23	08/10/21 20:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/10/21 14:23	08/10/21 20:20	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/10/21 14:23	08/10/21 20:20	1
Total TPH	<50.0	U	50.0		mg/Kg		08/10/21 14:23	08/10/21 20:20	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130	08/10/21 14:23	08/10/21 20:20	1
o-Terphenyl	114		70 - 130	08/10/21 14:23	08/10/21 20:20	1

Lab Sample ID: LCS 880-6329/2-A
Matrix: Solid
Analysis Batch: 6274

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 6329

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	894.6		mg/Kg		89	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1085		mg/Kg		108	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	90		70 - 130
o-Terphenyl	98		70 - 130

Lab Sample ID: LCSD 880-6329/3-A
Matrix: Solid
Analysis Batch: 6274

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 6329

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	995.3		mg/Kg		100	70 - 130	11	20
Diesel Range Organics (Over C10-C28)			1000	1087		mg/Kg		109	70 - 130	0	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	90		70 - 130
o-Terphenyl	96		70 - 130

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1077-1
SDG: Eddy County NM

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

Lab Sample ID: 890-1072-A-1-E MS
Matrix: Solid
Analysis Batch: 6274

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 6329

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	995	777.2		mg/Kg		78	70 - 130
Diesel Range Organics (Over C10-C28)	159		995	928.1		mg/Kg		77	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*87*		*70 - 130*
o-Terphenyl	*89*		*70 - 130*

Lab Sample ID: 890-1072-A-1-F MSD
Matrix: Solid
Analysis Batch: 6274

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 6329

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	752.6		mg/Kg		75	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	159		998	937.3		mg/Kg		78	70 - 130	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*87*		*70 - 130*
o-Terphenyl	*88*		*70 - 130*

Lab Sample ID: MB 880-6330/1-A
Matrix: Solid
Analysis Batch: 6276

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 6330

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		08/10/21 14:43	08/10/21 20:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/10/21 14:43	08/10/21 20:20	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/10/21 14:43	08/10/21 20:20	1
Total TPH	<50.0	U	50.0		mg/Kg		08/10/21 14:43	08/10/21 20:20	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*08/10/21 14:43*	*08/10/21 20:20*	*1*
o-Terphenyl	*105*		*70 - 130*	*08/10/21 14:43*	*08/10/21 20:20*	*1*

Lab Sample ID: LCS 880-6330/2-A
Matrix: Solid
Analysis Batch: 6276

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 6330

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1191		mg/Kg		119	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1246		mg/Kg		125	70 - 130

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1077-1
SDG: Eddy County NM

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

Lab Sample ID: LCS 880-6330/2-A
Matrix: Solid
Analysis Batch: 6276

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 6330

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	107		70 - 130
o-Terphenyl	104		70 - 130

Lab Sample ID: LCSD 880-6330/3-A
Matrix: Solid
Analysis Batch: 6276

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 6330

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1043		mg/Kg		104	70 - 130	13	20
Diesel Range Organics (Over C10-C28)			1000	1129		mg/Kg		113	70 - 130	10	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	97		70 - 130
o-Terphenyl	95		70 - 130

Lab Sample ID: 890-1075-A-1-E MS
Matrix: Solid
Analysis Batch: 6276

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 6330

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	995	901.5		mg/Kg		91	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	995	943.8		mg/Kg		95	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	91		70 - 130
o-Terphenyl	89		70 - 130

Lab Sample ID: 890-1075-A-1-F MSD
Matrix: Solid
Analysis Batch: 6276

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 6330

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	916.1		mg/Kg		92	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	960.6		mg/Kg		96	70 - 130	2	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	92		70 - 130
o-Terphenyl	89		70 - 130

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1077-1
SDG: Eddy County NM

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

Lab Sample ID: MB 880-6339/1-A
Matrix: Solid
Analysis Batch: 6363

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 6339

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		08/10/21 16:31	08/11/21 11:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/10/21 16:31	08/11/21 11:05	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/10/21 16:31	08/11/21 11:05	1
Total TPH	<50.0	U	50.0		mg/Kg		08/10/21 16:31	08/11/21 11:05	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*83*		*70 - 130*	*08/10/21 16:31*	*08/11/21 11:05*	*1*
o-Terphenyl	*93*		*70 - 130*	*08/10/21 16:31*	*08/11/21 11:05*	*1*

Lab Sample ID: LCS 880-6339/2-A
Matrix: Solid
Analysis Batch: 6363

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 6339

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	766.5		mg/Kg		77	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	856.7		mg/Kg		86	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*81*		*70 - 130*
o-Terphenyl	*84*		*70 - 130*

Lab Sample ID: LCSD 880-6339/3-A
Matrix: Solid
Analysis Batch: 6363

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 6339

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	769.4		mg/Kg		77	70 - 130	0	20
Diesel Range Organics (Over C10-C28)			1000	865.1		mg/Kg		87	70 - 130	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*81*		*70 - 130*
o-Terphenyl	*85*		*70 - 130*

Lab Sample ID: 890-1077-1 MS
Matrix: Solid
Analysis Batch: 6363

Client Sample ID: BH-17 (4)
Prep Type: Total/NA
Prep Batch: 6339

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	995	894.2		mg/Kg		90	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	995	937.1		mg/Kg		92	70 - 130		

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1077-1
SDG: Eddy County NM

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

Lab Sample ID: 890-1077-1 MS
Matrix: Solid
Analysis Batch: 6363

Client Sample ID: BH-17 (4)
Prep Type: Total/NA
Prep Batch: 6339

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	89		70 - 130
o-Terphenyl	92		70 - 130

Lab Sample ID: 890-1077-1 MSD
Matrix: Solid
Analysis Batch: 6363

Client Sample ID: BH-17 (4)
Prep Type: Total/NA
Prep Batch: 6339

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	885.1		mg/Kg		89	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	937.1		mg/Kg		92	70 - 130	0	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	89		70 - 130
o-Terphenyl	91		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-6314/1-A
Matrix: Solid
Analysis Batch: 6389

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			08/11/21 08:37	1

Lab Sample ID: LCS 880-6314/2-A
Matrix: Solid
Analysis Batch: 6389

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	253.9		mg/Kg		102	90 - 110

Lab Sample ID: LCSD 880-6314/3-A
Matrix: Solid
Analysis Batch: 6389

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	254.0		mg/Kg		102	90 - 110	0	20

Lab Sample ID: 890-1077-1 MS
Matrix: Solid
Analysis Batch: 6389

Client Sample ID: BH-17 (4)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	5.10	F1	249	284.4	F1	mg/Kg		112	90 - 110

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1077-1
SDG: Eddy County NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-1077-1 MSD
Matrix: Solid
Analysis Batch: 6389

Client Sample ID: BH-17 (4)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	5.10	F1	249	266.6		mg/Kg		105	90 - 110	6	20

Lab Sample ID: 890-1077-11 MS
Matrix: Solid
Analysis Batch: 6389

Client Sample ID: BH-27 (4)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	<4.95	U F1	248	277.2	F1	mg/Kg		111	90 - 110

Lab Sample ID: 890-1077-11 MSD
Matrix: Solid
Analysis Batch: 6389

Client Sample ID: BH-27 (4)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	<4.95	U F1	248	263.0		mg/Kg		105	90 - 110	5	20

Lab Sample ID: MB 880-6316/1-A
Matrix: Solid
Analysis Batch: 6391

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			08/11/21 10:14	1

Lab Sample ID: LCS 880-6316/2-A
Matrix: Solid
Analysis Batch: 6391

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 880-6316/3-A
Matrix: Solid
Analysis Batch: 6391

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	250.6		mg/Kg		100	90 - 110	0	20

Lab Sample ID: 890-1077-25 MS
Matrix: Solid
Analysis Batch: 6391

Client Sample ID: SW-27 (6)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	19.1		250	249.8		mg/Kg		92	90 - 110

Lab Sample ID: 890-1077-25 MSD
Matrix: Solid
Analysis Batch: 6391

Client Sample ID: SW-27 (6)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	19.1		250	252.3		mg/Kg		93	90 - 110	1	20

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1077-1
SDG: Eddy County NM

GC VOA

Analysis Batch: 6278

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1077-1	BH-17 (4)	Total/NA	Solid	8021B	6281
890-1077-2	BH-18 (4)	Total/NA	Solid	8021B	6281
890-1077-3	BH-19 (2)	Total/NA	Solid	8021B	6281
890-1077-4	BH-20 (2)	Total/NA	Solid	8021B	6281
890-1077-5	BH-21 (2)	Total/NA	Solid	8021B	6281
890-1077-6	BH-22 (2)	Total/NA	Solid	8021B	6281
890-1077-7	BH-23 (2)	Total/NA	Solid	8021B	6281
890-1077-8	BH-24 (2)	Total/NA	Solid	8021B	6281
890-1077-9	BH-25 (4)	Total/NA	Solid	8021B	6281
890-1077-10	BH-26 (4)	Total/NA	Solid	8021B	6281
890-1077-11	BH-27 (4)	Total/NA	Solid	8021B	6281
890-1077-12	BH-28 (4)	Total/NA	Solid	8021B	6281
890-1077-13	BH-29 (4)	Total/NA	Solid	8021B	6281
890-1077-14	BH-30 (4)	Total/NA	Solid	8021B	6281
890-1077-15	BH-31 (4)	Total/NA	Solid	8021B	6281
890-1077-16	BH-32 (4)	Total/NA	Solid	8021B	6315
890-1077-17	BH-33 (4)	Total/NA	Solid	8021B	6315
890-1077-18	BH-34 (4)	Total/NA	Solid	8021B	6315
890-1077-19	SW-21 (8)	Total/NA	Solid	8021B	6315
890-1077-20	SW-22 (8)	Total/NA	Solid	8021B	6315
890-1077-21	SW-23 (8)	Total/NA	Solid	8021B	6315
890-1077-22	SW-24 (8)	Total/NA	Solid	8021B	6315
890-1077-23	SW-25 (6)	Total/NA	Solid	8021B	6315
890-1077-24	SW-26 (6)	Total/NA	Solid	8021B	6315
890-1077-25	SW-27 (6)	Total/NA	Solid	8021B	6315
890-1077-26	SW-28 (4)	Total/NA	Solid	8021B	6315
890-1077-27	SW-29 (2)	Total/NA	Solid	8021B	6315
890-1077-28	SW-30 (2)	Total/NA	Solid	8021B	6315
890-1077-29	SW-31 (2)	Total/NA	Solid	8021B	6315
890-1077-30	SW-32 (4)	Total/NA	Solid	8021B	6315
890-1077-31	SW-33 (4)	Total/NA	Solid	8021B	6315
890-1077-32	SW-34 (4)	Total/NA	Solid	8021B	6315
MB 880-6281/5-A	Method Blank	Total/NA	Solid	8021B	6281
MB 880-6315/5-A	Method Blank	Total/NA	Solid	8021B	6315
LCS 880-6281/1-A	Lab Control Sample	Total/NA	Solid	8021B	6281
LCS 880-6315/1-A	Lab Control Sample	Total/NA	Solid	8021B	6315
LCSD 880-6281/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	6281
LCSD 880-6315/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	6315
890-1077-16 MS	BH-32 (4)	Total/NA	Solid	8021B	6315
890-1077-16 MSD	BH-32 (4)	Total/NA	Solid	8021B	6315

Prep Batch: 6281

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1077-1	BH-17 (4)	Total/NA	Solid	5035	
890-1077-2	BH-18 (4)	Total/NA	Solid	5035	
890-1077-3	BH-19 (2)	Total/NA	Solid	5035	
890-1077-4	BH-20 (2)	Total/NA	Solid	5035	
890-1077-5	BH-21 (2)	Total/NA	Solid	5035	
890-1077-6	BH-22 (2)	Total/NA	Solid	5035	
890-1077-7	BH-23 (2)	Total/NA	Solid	5035	
890-1077-8	BH-24 (2)	Total/NA	Solid	5035	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1077-1
SDG: Eddy County NM

GC VOA (Continued)

Prep Batch: 6281 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1077-9	BH-25 (4)	Total/NA	Solid	5035	
890-1077-10	BH-26 (4)	Total/NA	Solid	5035	
890-1077-11	BH-27 (4)	Total/NA	Solid	5035	
890-1077-12	BH-28 (4)	Total/NA	Solid	5035	
890-1077-13	BH-29 (4)	Total/NA	Solid	5035	
890-1077-14	BH-30 (4)	Total/NA	Solid	5035	
890-1077-15	BH-31 (4)	Total/NA	Solid	5035	
MB 880-6281/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-6281/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-6281/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 6315

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1077-16	BH-32 (4)	Total/NA	Solid	5035	
890-1077-17	BH-33 (4)	Total/NA	Solid	5035	
890-1077-18	BH-34 (4)	Total/NA	Solid	5035	
890-1077-19	SW-21 (8)	Total/NA	Solid	5035	
890-1077-20	SW-22 (8)	Total/NA	Solid	5035	
890-1077-21	SW-23 (8)	Total/NA	Solid	5035	
890-1077-22	SW-24 (8)	Total/NA	Solid	5035	
890-1077-23	SW-25 (6)	Total/NA	Solid	5035	
890-1077-24	SW-26 (6)	Total/NA	Solid	5035	
890-1077-25	SW-27 (6)	Total/NA	Solid	5035	
890-1077-26	SW-28 (4)	Total/NA	Solid	5035	
890-1077-27	SW-29 (2)	Total/NA	Solid	5035	
890-1077-28	SW-30 (2)	Total/NA	Solid	5035	
890-1077-29	SW-31 (2)	Total/NA	Solid	5035	
890-1077-30	SW-32 (4)	Total/NA	Solid	5035	
890-1077-31	SW-33 (4)	Total/NA	Solid	5035	
890-1077-32	SW-34 (4)	Total/NA	Solid	5035	
MB 880-6315/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-6315/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-6315/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-1077-16 MS	BH-32 (4)	Total/NA	Solid	5035	
890-1077-16 MSD	BH-32 (4)	Total/NA	Solid	5035	

Prep Batch: 6380

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1077-33	SW-35 (5)	Total/NA	Solid	5035	
890-1077-34	SW-36 (4)	Total/NA	Solid	5035	
MB 880-6380/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-6380/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-6380/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-1077-33 MS	SW-35 (5)	Total/NA	Solid	5035	
890-1077-33 MSD	SW-35 (5)	Total/NA	Solid	5035	

Analysis Batch: 6428

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1077-33	SW-35 (5)	Total/NA	Solid	8021B	6380
890-1077-34	SW-36 (4)	Total/NA	Solid	8021B	6380
MB 880-6380/5-A	Method Blank	Total/NA	Solid	8021B	6380

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1077-1
SDG: Eddy County NM

GC VOA (Continued)

Analysis Batch: 6428 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-6380/1-A	Lab Control Sample	Total/NA	Solid	8021B	6380
LCSD 880-6380/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	6380
890-1077-33 MS	SW-35 (5)	Total/NA	Solid	8021B	6380
890-1077-33 MSD	SW-35 (5)	Total/NA	Solid	8021B	6380

GC Semi VOA

Analysis Batch: 6274

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1077-21	SW-23 (8)	Total/NA	Solid	8015B NM	6329
890-1077-22	SW-24 (8)	Total/NA	Solid	8015B NM	6329
890-1077-23	SW-25 (6)	Total/NA	Solid	8015B NM	6329
890-1077-24	SW-26 (6)	Total/NA	Solid	8015B NM	6329
890-1077-25	SW-27 (6)	Total/NA	Solid	8015B NM	6329
890-1077-26	SW-28 (4)	Total/NA	Solid	8015B NM	6329
890-1077-27	SW-29 (2)	Total/NA	Solid	8015B NM	6329
MB 880-6329/1-A	Method Blank	Total/NA	Solid	8015B NM	6329
LCS 880-6329/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	6329
LCSD 880-6329/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	6329
890-1072-A-1-E MS	Matrix Spike	Total/NA	Solid	8015B NM	6329
890-1072-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	6329

Analysis Batch: 6276

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1077-28	SW-30 (2)	Total/NA	Solid	8015B NM	6330
890-1077-29	SW-31 (2)	Total/NA	Solid	8015B NM	6330
890-1077-30	SW-32 (4)	Total/NA	Solid	8015B NM	6330
890-1077-31	SW-33 (4)	Total/NA	Solid	8015B NM	6330
890-1077-32	SW-34 (4)	Total/NA	Solid	8015B NM	6330
890-1077-33	SW-35 (5)	Total/NA	Solid	8015B NM	6330
890-1077-34	SW-36 (4)	Total/NA	Solid	8015B NM	6330
MB 880-6330/1-A	Method Blank	Total/NA	Solid	8015B NM	6330
LCS 880-6330/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	6330
LCSD 880-6330/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	6330
890-1075-A-1-E MS	Matrix Spike	Total/NA	Solid	8015B NM	6330
890-1075-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	6330

Prep Batch: 6329

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1077-21	SW-23 (8)	Total/NA	Solid	8015NM Prep	
890-1077-22	SW-24 (8)	Total/NA	Solid	8015NM Prep	
890-1077-23	SW-25 (6)	Total/NA	Solid	8015NM Prep	
890-1077-24	SW-26 (6)	Total/NA	Solid	8015NM Prep	
890-1077-25	SW-27 (6)	Total/NA	Solid	8015NM Prep	
890-1077-26	SW-28 (4)	Total/NA	Solid	8015NM Prep	
890-1077-27	SW-29 (2)	Total/NA	Solid	8015NM Prep	
MB 880-6329/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-6329/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-6329/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1072-A-1-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-1072-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1077-1
SDG: Eddy County NM

GC Semi VOA

Prep Batch: 6330

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1077-28	SW-30 (2)	Total/NA	Solid	8015NM Prep	
890-1077-29	SW-31 (2)	Total/NA	Solid	8015NM Prep	
890-1077-30	SW-32 (4)	Total/NA	Solid	8015NM Prep	
890-1077-31	SW-33 (4)	Total/NA	Solid	8015NM Prep	
890-1077-32	SW-34 (4)	Total/NA	Solid	8015NM Prep	
890-1077-33	SW-35 (5)	Total/NA	Solid	8015NM Prep	
890-1077-34	SW-36 (4)	Total/NA	Solid	8015NM Prep	
MB 880-6330/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-6330/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-6330/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1075-A-1-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-1075-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 6339

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1077-1	BH-17 (4)	Total/NA	Solid	8015NM Prep	
890-1077-2	BH-18 (4)	Total/NA	Solid	8015NM Prep	
890-1077-3	BH-19 (2)	Total/NA	Solid	8015NM Prep	
890-1077-4	BH-20 (2)	Total/NA	Solid	8015NM Prep	
890-1077-5	BH-21 (2)	Total/NA	Solid	8015NM Prep	
890-1077-6	BH-22 (2)	Total/NA	Solid	8015NM Prep	
890-1077-7	BH-23 (2)	Total/NA	Solid	8015NM Prep	
890-1077-8	BH-24 (2)	Total/NA	Solid	8015NM Prep	
890-1077-9	BH-25 (4)	Total/NA	Solid	8015NM Prep	
890-1077-10	BH-26 (4)	Total/NA	Solid	8015NM Prep	
890-1077-11	BH-27 (4)	Total/NA	Solid	8015NM Prep	
890-1077-12	BH-28 (4)	Total/NA	Solid	8015NM Prep	
890-1077-13	BH-29 (4)	Total/NA	Solid	8015NM Prep	
890-1077-14	BH-30 (4)	Total/NA	Solid	8015NM Prep	
890-1077-15	BH-31 (4)	Total/NA	Solid	8015NM Prep	
890-1077-16	BH-32 (4)	Total/NA	Solid	8015NM Prep	
890-1077-17	BH-33 (4)	Total/NA	Solid	8015NM Prep	
890-1077-18	BH-34 (4)	Total/NA	Solid	8015NM Prep	
890-1077-19	SW-21 (8)	Total/NA	Solid	8015NM Prep	
890-1077-20	SW-22 (8)	Total/NA	Solid	8015NM Prep	
MB 880-6339/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-6339/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-6339/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1077-1 MS	BH-17 (4)	Total/NA	Solid	8015NM Prep	
890-1077-1 MSD	BH-17 (4)	Total/NA	Solid	8015NM Prep	

Analysis Batch: 6363

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1077-1	BH-17 (4)	Total/NA	Solid	8015B NM	6339
890-1077-2	BH-18 (4)	Total/NA	Solid	8015B NM	6339
890-1077-3	BH-19 (2)	Total/NA	Solid	8015B NM	6339
890-1077-4	BH-20 (2)	Total/NA	Solid	8015B NM	6339
890-1077-5	BH-21 (2)	Total/NA	Solid	8015B NM	6339
890-1077-6	BH-22 (2)	Total/NA	Solid	8015B NM	6339
890-1077-7	BH-23 (2)	Total/NA	Solid	8015B NM	6339
890-1077-8	BH-24 (2)	Total/NA	Solid	8015B NM	6339

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1077-1
SDG: Eddy County NM

GC Semi VOA (Continued)

Analysis Batch: 6363 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1077-9	BH-25 (4)	Total/NA	Solid	8015B NM	6339
890-1077-10	BH-26 (4)	Total/NA	Solid	8015B NM	6339
890-1077-11	BH-27 (4)	Total/NA	Solid	8015B NM	6339
890-1077-12	BH-28 (4)	Total/NA	Solid	8015B NM	6339
890-1077-13	BH-29 (4)	Total/NA	Solid	8015B NM	6339
890-1077-14	BH-30 (4)	Total/NA	Solid	8015B NM	6339
890-1077-15	BH-31 (4)	Total/NA	Solid	8015B NM	6339
890-1077-16	BH-32 (4)	Total/NA	Solid	8015B NM	6339
890-1077-17	BH-33 (4)	Total/NA	Solid	8015B NM	6339
890-1077-18	BH-34 (4)	Total/NA	Solid	8015B NM	6339
890-1077-19	SW-21 (8)	Total/NA	Solid	8015B NM	6339
890-1077-20	SW-22 (8)	Total/NA	Solid	8015B NM	6339
MB 880-6339/1-A	Method Blank	Total/NA	Solid	8015B NM	6339
LCS 880-6339/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	6339
LCSD 880-6339/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	6339
890-1077-1 MS	BH-17 (4)	Total/NA	Solid	8015B NM	6339
890-1077-1 MSD	BH-17 (4)	Total/NA	Solid	8015B NM	6339

HPLC/IC

Leach Batch: 6314

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1077-1	BH-17 (4)	Soluble	Solid	DI Leach	
890-1077-2	BH-18 (4)	Soluble	Solid	DI Leach	
890-1077-3	BH-19 (2)	Soluble	Solid	DI Leach	
890-1077-4	BH-20 (2)	Soluble	Solid	DI Leach	
890-1077-5	BH-21 (2)	Soluble	Solid	DI Leach	
890-1077-6	BH-22 (2)	Soluble	Solid	DI Leach	
890-1077-7	BH-23 (2)	Soluble	Solid	DI Leach	
890-1077-8	BH-24 (2)	Soluble	Solid	DI Leach	
890-1077-9	BH-25 (4)	Soluble	Solid	DI Leach	
890-1077-10	BH-26 (4)	Soluble	Solid	DI Leach	
890-1077-11	BH-27 (4)	Soluble	Solid	DI Leach	
890-1077-12	BH-28 (4)	Soluble	Solid	DI Leach	
890-1077-13	BH-29 (4)	Soluble	Solid	DI Leach	
890-1077-14	BH-30 (4)	Soluble	Solid	DI Leach	
890-1077-15	BH-31 (4)	Soluble	Solid	DI Leach	
890-1077-16	BH-32 (4)	Soluble	Solid	DI Leach	
890-1077-17	BH-33 (4)	Soluble	Solid	DI Leach	
890-1077-18	BH-34 (4)	Soluble	Solid	DI Leach	
890-1077-19	SW-21 (8)	Soluble	Solid	DI Leach	
890-1077-20	SW-22 (8)	Soluble	Solid	DI Leach	
MB 880-6314/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-6314/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-6314/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-1077-1 MS	BH-17 (4)	Soluble	Solid	DI Leach	
890-1077-1 MSD	BH-17 (4)	Soluble	Solid	DI Leach	
890-1077-11 MS	BH-27 (4)	Soluble	Solid	DI Leach	
890-1077-11 MSD	BH-27 (4)	Soluble	Solid	DI Leach	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1077-1
SDG: Eddy County NM

HPLC/IC

Leach Batch: 6316

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1077-21	SW-23 (8)	Soluble	Solid	DI Leach	
890-1077-22	SW-24 (8)	Soluble	Solid	DI Leach	
890-1077-23	SW-25 (6)	Soluble	Solid	DI Leach	
890-1077-24	SW-26 (6)	Soluble	Solid	DI Leach	
890-1077-25	SW-27 (6)	Soluble	Solid	DI Leach	
890-1077-26	SW-28 (4)	Soluble	Solid	DI Leach	
890-1077-27	SW-29 (2)	Soluble	Solid	DI Leach	
890-1077-28	SW-30 (2)	Soluble	Solid	DI Leach	
890-1077-29	SW-31 (2)	Soluble	Solid	DI Leach	
890-1077-30	SW-32 (4)	Soluble	Solid	DI Leach	
890-1077-31	SW-33 (4)	Soluble	Solid	DI Leach	
890-1077-32	SW-34 (4)	Soluble	Solid	DI Leach	
890-1077-33	SW-35 (5)	Soluble	Solid	DI Leach	
890-1077-34	SW-36 (4)	Soluble	Solid	DI Leach	
MB 880-6316/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-6316/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-6316/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-1077-25 MS	SW-27 (6)	Soluble	Solid	DI Leach	
890-1077-25 MSD	SW-27 (6)	Soluble	Solid	DI Leach	

Analysis Batch: 6389

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1077-1	BH-17 (4)	Soluble	Solid	300.0	6314
890-1077-2	BH-18 (4)	Soluble	Solid	300.0	6314
890-1077-3	BH-19 (2)	Soluble	Solid	300.0	6314
890-1077-4	BH-20 (2)	Soluble	Solid	300.0	6314
890-1077-5	BH-21 (2)	Soluble	Solid	300.0	6314
890-1077-6	BH-22 (2)	Soluble	Solid	300.0	6314
890-1077-7	BH-23 (2)	Soluble	Solid	300.0	6314
890-1077-8	BH-24 (2)	Soluble	Solid	300.0	6314
890-1077-9	BH-25 (4)	Soluble	Solid	300.0	6314
890-1077-10	BH-26 (4)	Soluble	Solid	300.0	6314
890-1077-11	BH-27 (4)	Soluble	Solid	300.0	6314
890-1077-12	BH-28 (4)	Soluble	Solid	300.0	6314
890-1077-13	BH-29 (4)	Soluble	Solid	300.0	6314
890-1077-14	BH-30 (4)	Soluble	Solid	300.0	6314
890-1077-15	BH-31 (4)	Soluble	Solid	300.0	6314
890-1077-16	BH-32 (4)	Soluble	Solid	300.0	6314
890-1077-17	BH-33 (4)	Soluble	Solid	300.0	6314
890-1077-18	BH-34 (4)	Soluble	Solid	300.0	6314
890-1077-19	SW-21 (8)	Soluble	Solid	300.0	6314
890-1077-20	SW-22 (8)	Soluble	Solid	300.0	6314
MB 880-6314/1-A	Method Blank	Soluble	Solid	300.0	6314
LCS 880-6314/2-A	Lab Control Sample	Soluble	Solid	300.0	6314
LCSD 880-6314/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	6314
890-1077-1 MS	BH-17 (4)	Soluble	Solid	300.0	6314
890-1077-1 MSD	BH-17 (4)	Soluble	Solid	300.0	6314
890-1077-11 MS	BH-27 (4)	Soluble	Solid	300.0	6314
890-1077-11 MSD	BH-27 (4)	Soluble	Solid	300.0	6314

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1077-1
SDG: Eddy County NM

HPLC/IC

Analysis Batch: 6391

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1077-21	SW-23 (8)	Soluble	Solid	300.0	6316
890-1077-22	SW-24 (8)	Soluble	Solid	300.0	6316
890-1077-23	SW-25 (6)	Soluble	Solid	300.0	6316
890-1077-24	SW-26 (6)	Soluble	Solid	300.0	6316
890-1077-25	SW-27 (6)	Soluble	Solid	300.0	6316
890-1077-26	SW-28 (4)	Soluble	Solid	300.0	6316
890-1077-27	SW-29 (2)	Soluble	Solid	300.0	6316
890-1077-28	SW-30 (2)	Soluble	Solid	300.0	6316
890-1077-29	SW-31 (2)	Soluble	Solid	300.0	6316
890-1077-30	SW-32 (4)	Soluble	Solid	300.0	6316
890-1077-31	SW-33 (4)	Soluble	Solid	300.0	6316
890-1077-32	SW-34 (4)	Soluble	Solid	300.0	6316
890-1077-33	SW-35 (5)	Soluble	Solid	300.0	6316
890-1077-34	SW-36 (4)	Soluble	Solid	300.0	6316
MB 880-6316/1-A	Method Blank	Soluble	Solid	300.0	6316
LCS 880-6316/2-A	Lab Control Sample	Soluble	Solid	300.0	6316
LCSD 880-6316/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	6316
890-1077-25 MS	SW-27 (6)	Soluble	Solid	300.0	6316
890-1077-25 MSD	SW-27 (6)	Soluble	Solid	300.0	6316

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1077-1
SDG: Eddy County NM

Client Sample ID: BH-17 (4)

Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56

Lab Sample ID: 890-1077-1
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			5.03 g	5 mL	6281	08/10/21 08:43	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6278	08/10/21 15:35	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	6339	08/10/21 16:31	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6363	08/11/21 12:09	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	6314	08/10/21 11:31	CH	XEN MID
Soluble	Analysis	300.0		1			6389	08/11/21 08:54	CH	XEN MID

Client Sample ID: BH-18 (4)

Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56

Lab Sample ID: 890-1077-2
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	6281	08/10/21 08:43	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6278	08/10/21 16:02	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	6339	08/10/21 16:31	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6363	08/11/21 13:12	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	6314	08/10/21 11:31	CH	XEN MID
Soluble	Analysis	300.0		1			6389	08/11/21 09:10	CH	XEN MID

Client Sample ID: BH-19 (2)

Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56

Lab Sample ID: 890-1077-3
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	6281	08/10/21 08:43	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6278	08/10/21 16:28	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	6339	08/10/21 16:31	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6363	08/11/21 13:34	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	6314	08/10/21 11:31	CH	XEN MID
Soluble	Analysis	300.0		1			6389	08/11/21 09:15	CH	XEN MID

Client Sample ID: BH-20 (2)

Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56

Lab Sample ID: 890-1077-4
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	6281	08/10/21 08:43	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6278	08/10/21 16:54	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	6339	08/10/21 16:31	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6363	08/11/21 13:55	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	6314	08/10/21 11:31	CH	XEN MID
Soluble	Analysis	300.0		1			6389	08/11/21 09:21	CH	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1077-1
SDG: Eddy County NM

Client Sample ID: BH-21 (2)
Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56

Lab Sample ID: 890-1077-5
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			4.95 g	5 mL	6281	08/10/21 08:43	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6278	08/10/21 17:20	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	6339	08/10/21 16:31	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6363	08/11/21 14:17	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	6314	08/10/21 11:31	CH	XEN MID
Soluble	Analysis	300.0		1			6389	08/11/21 09:26	CH	XEN MID

Client Sample ID: BH-22 (2)
Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56

Lab Sample ID: 890-1077-6
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	6281	08/10/21 08:43	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6278	08/10/21 19:04	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	6339	08/10/21 16:31	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6363	08/11/21 14:38	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	6314	08/10/21 11:31	CH	XEN MID
Soluble	Analysis	300.0		1			6389	08/11/21 09:43	CH	XEN MID

Client Sample ID: BH-23 (2)
Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56

Lab Sample ID: 890-1077-7
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	6281	08/10/21 08:43	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6278	08/10/21 19:30	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	6339	08/10/21 16:31	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6363	08/11/21 15:00	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	6314	08/10/21 11:31	CH	XEN MID
Soluble	Analysis	300.0		1			6389	08/11/21 09:48	CH	XEN MID

Client Sample ID: BH-24 (2)
Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56

Lab Sample ID: 890-1077-8
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	6281	08/10/21 08:43	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6278	08/10/21 19:55	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	6339	08/10/21 16:31	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6363	08/11/21 15:21	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	6314	08/10/21 11:31	CH	XEN MID
Soluble	Analysis	300.0		1			6389	08/11/21 09:54	CH	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1077-1
SDG: Eddy County NM

Client Sample ID: BH-25 (4)

Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56

Lab Sample ID: 890-1077-9

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	6281	08/10/21 08:43	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6278	08/10/21 20:21	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	6339	08/10/21 16:31	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6363	08/11/21 15:43	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	6314	08/10/21 11:31	CH	XEN MID
Soluble	Analysis	300.0		1			6389	08/11/21 09:59	CH	XEN MID

Client Sample ID: BH-26 (4)

Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56

Lab Sample ID: 890-1077-10

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			4.96 g	5 mL	6281	08/10/21 08:43	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6278	08/10/21 20:47	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	6339	08/10/21 16:31	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6363	08/11/21 16:04	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	6314	08/10/21 11:31	CH	XEN MID
Soluble	Analysis	300.0		1			6389	08/11/21 10:05	CH	XEN MID

Client Sample ID: BH-27 (4)

Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56

Lab Sample ID: 890-1077-11

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	6281	08/10/21 08:43	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6278	08/10/21 21:12	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	6339	08/10/21 16:31	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6363	08/11/21 16:47	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	6314	08/10/21 11:31	CH	XEN MID
Soluble	Analysis	300.0		1			6389	08/11/21 10:10	CH	XEN MID

Client Sample ID: BH-28 (4)

Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56

Lab Sample ID: 890-1077-12

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			5.03 g	5 mL	6281	08/10/21 08:43	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6278	08/10/21 21:38	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	6339	08/10/21 16:31	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6363	08/11/21 17:08	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	6314	08/10/21 11:31	CH	XEN MID
Soluble	Analysis	300.0		1			6389	08/11/21 10:27	CH	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1077-1
SDG: Eddy County NM

Client Sample ID: BH-29 (4)

Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56

Lab Sample ID: 890-1077-13
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	6281	08/10/21 08:43	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6278	08/10/21 22:03	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	6339	08/10/21 16:31	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6363	08/11/21 17:30	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	6314	08/10/21 11:31	CH	XEN MID
Soluble	Analysis	300.0		1			6389	08/11/21 10:32	CH	XEN MID

Client Sample ID: BH-30 (4)

Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56

Lab Sample ID: 890-1077-14
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			5.04 g	5 mL	6281	08/10/21 08:43	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6278	08/10/21 22:29	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	6339	08/10/21 16:31	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6363	08/11/21 17:52	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	6314	08/10/21 11:31	CH	XEN MID
Soluble	Analysis	300.0		1			6389	08/11/21 10:49	CH	XEN MID

Client Sample ID: BH-31 (4)

Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56

Lab Sample ID: 890-1077-15
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			5.03 g	5 mL	6281	08/10/21 08:43	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6278	08/10/21 22:55	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	6339	08/10/21 16:31	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6363	08/11/21 18:13	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	6314	08/10/21 11:31	CH	XEN MID
Soluble	Analysis	300.0		1			6389	08/11/21 10:54	CH	XEN MID

Client Sample ID: BH-32 (4)

Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56

Lab Sample ID: 890-1077-16
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			4.96 g	5 mL	6315	08/10/21 11:34	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6278	08/11/21 02:47	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	6339	08/10/21 16:31	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6363	08/11/21 18:34	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	6314	08/10/21 11:31	CH	XEN MID
Soluble	Analysis	300.0		1			6389	08/11/21 10:59	CH	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1077-1
SDG: Eddy County NM

Client Sample ID: BH-33 (4)

Lab Sample ID: 890-1077-17

Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56

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	6315	08/10/21 11:34	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6278	08/11/21 03:13	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	6339	08/10/21 16:31	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6363	08/11/21 18:56	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	6314	08/10/21 11:31	CH	XEN MID
Soluble	Analysis	300.0		1			6389	08/11/21 11:05	CH	XEN MID

Client Sample ID: BH-34 (4)

Lab Sample ID: 890-1077-18

Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56

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	6315	08/10/21 11:34	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6278	08/11/21 03:39	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	6339	08/10/21 16:31	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6363	08/11/21 19:17	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	6314	08/10/21 11:31	CH	XEN MID
Soluble	Analysis	300.0		1			6389	08/11/21 11:10	CH	XEN MID

Client Sample ID: SW-21 (8)

Lab Sample ID: 890-1077-19

Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56

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	6315	08/10/21 11:34	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6278	08/11/21 04:05	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	6339	08/10/21 16:31	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6363	08/11/21 19:38	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	6314	08/10/21 11:31	CH	XEN MID
Soluble	Analysis	300.0		1			6389	08/11/21 11:16	CH	XEN MID

Client Sample ID: SW-22 (8)

Lab Sample ID: 890-1077-20

Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56

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			4.98 g	5 mL	6315	08/10/21 11:34	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6278	08/11/21 04:31	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	6339	08/10/21 16:31	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6363	08/11/21 19:59	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	6314	08/10/21 11:31	CH	XEN MID
Soluble	Analysis	300.0		1			6389	08/11/21 11:21	CH	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1077-1
SDG: Eddy County NM

Client Sample ID: SW-23 (8)

Lab Sample ID: 890-1077-21
Matrix: Solid
Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56

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	6315	08/10/21 11:34	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6278	08/11/21 04:57	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	6329	08/10/21 14:23	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6274	08/11/21 03:01	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	6316	08/10/21 11:34	CH	XEN MID
Soluble	Analysis	300.0		1			6391	08/11/21 11:26	CH	XEN MID

Client Sample ID: SW-24 (8)

Lab Sample ID: 890-1077-22
Matrix: Solid
Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56

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	6315	08/10/21 11:34	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6278	08/11/21 05:23	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	6329	08/10/21 14:23	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6274	08/11/21 03:22	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	6316	08/10/21 11:34	CH	XEN MID
Soluble	Analysis	300.0		1			6391	08/11/21 11:32	CH	XEN MID

Client Sample ID: SW-25 (6)

Lab Sample ID: 890-1077-23
Matrix: Solid
Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56

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	6315	08/10/21 11:34	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6278	08/11/21 05:49	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	6329	08/10/21 14:23	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6274	08/11/21 03:43	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	6316	08/10/21 11:34	CH	XEN MID
Soluble	Analysis	300.0		1			6391	08/11/21 11:38	CH	XEN MID

Client Sample ID: SW-26 (6)

Lab Sample ID: 890-1077-24
Matrix: Solid
Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56

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	6315	08/10/21 11:34	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6278	08/11/21 06:14	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	6329	08/10/21 14:23	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6274	08/11/21 04:04	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	6316	08/10/21 11:34	CH	XEN MID
Soluble	Analysis	300.0		1			6391	08/11/21 11:43	CH	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1077-1
SDG: Eddy County NM

Client Sample ID: SW-27 (6)

Lab Sample ID: 890-1077-25
Matrix: Solid
Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56

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	6315	08/10/21 11:34	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6278	08/11/21 06:40	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	6329	08/10/21 14:23	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6274	08/11/21 04:25	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	6316	08/10/21 11:34	CH	XEN MID
Soluble	Analysis	300.0		1			6391	08/11/21 11:49	CH	XEN MID

Client Sample ID: SW-28 (4)

Lab Sample ID: 890-1077-26
Matrix: Solid
Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56

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	6315	08/10/21 11:34	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6278	08/11/21 13:36	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	6329	08/10/21 14:23	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6274	08/11/21 04:47	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	6316	08/10/21 11:34	CH	XEN MID
Soluble	Analysis	300.0		1			6391	08/11/21 12:06	CH	XEN MID

Client Sample ID: SW-29 (2)

Lab Sample ID: 890-1077-27
Matrix: Solid
Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56

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	6315	08/10/21 11:34	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6278	08/11/21 14:02	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	6329	08/10/21 14:23	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6274	08/11/21 05:08	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	6316	08/10/21 11:34	CH	XEN MID
Soluble	Analysis	300.0		1			6391	08/11/21 12:11	CH	XEN MID

Client Sample ID: SW-30 (2)

Lab Sample ID: 890-1077-28
Matrix: Solid
Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	6315	08/10/21 11:34	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6278	08/11/21 09:59	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	6330	08/10/21 14:43	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6276	08/11/21 01:58	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	6316	08/10/21 11:34	CH	XEN MID
Soluble	Analysis	300.0		1			6391	08/11/21 12:28	CH	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1077-1
SDG: Eddy County NM

Client Sample ID: SW-31 (2)

Lab Sample ID: 890-1077-29
Matrix: Solid
Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56

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	6315	08/10/21 11:34	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6278	08/11/21 10:25	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	6330	08/10/21 14:43	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6276	08/11/21 02:19	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	6316	08/10/21 11:34	CH	XEN MID
Soluble	Analysis	300.0		1			6391	08/11/21 12:34	CH	XEN MID

Client Sample ID: SW-32 (4)

Lab Sample ID: 890-1077-30
Matrix: Solid
Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56

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	6315	08/10/21 11:34	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6278	08/11/21 10:52	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	6330	08/10/21 14:43	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6276	08/11/21 02:40	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	6316	08/10/21 11:34	CH	XEN MID
Soluble	Analysis	300.0		1			6391	08/11/21 12:39	CH	XEN MID

Client Sample ID: SW-33 (4)

Lab Sample ID: 890-1077-31
Matrix: Solid
Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56

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	6315	08/10/21 11:34	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6278	08/11/21 11:17	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	6330	08/10/21 14:43	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6276	08/11/21 03:01	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	6316	08/10/21 11:34	CH	XEN MID
Soluble	Analysis	300.0		1			6391	08/11/21 12:45	CH	XEN MID

Client Sample ID: SW-34 (4)

Lab Sample ID: 890-1077-32
Matrix: Solid
Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56

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	6315	08/10/21 11:34	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6278	08/11/21 11:43	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	6330	08/10/21 14:43	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6276	08/11/21 03:22	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	6316	08/10/21 11:34	CH	XEN MID
Soluble	Analysis	300.0		1			6391	08/11/21 12:50	CH	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1077-1
SDG: Eddy County NM

Client Sample ID: SW-35 (5)

Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56

Lab Sample ID: 890-1077-33

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			5.03 g	5 mL	6380	08/12/21 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6428	08/12/21 12:51	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	6330	08/10/21 14:43	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6276	08/11/21 03:43	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	6316	08/10/21 11:34	CH	XEN MID
Soluble	Analysis	300.0		1			6391	08/11/21 12:56	CH	XEN MID

Client Sample ID: SW-36 (4)

Date Collected: 08/09/21 00:00
Date Received: 08/09/21 14:56

Lab Sample ID: 890-1077-34

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	6380	08/12/21 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6428	08/12/21 13:12	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	6330	08/10/21 14:43	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6276	08/11/21 04:04	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	6316	08/10/21 11:34	CH	XEN MID
Soluble	Analysis	300.0		1			6391	08/11/21 13:02	CH	XEN MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1077-1
SDG: Eddy County NM

Laboratory: Eurofins Xenco, Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-20-21	06-30-22

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
8015B NM	8015NM Prep	Solid	Total TPH
8021B	5035	Solid	Total BTEX

Method Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1077-1
SDG: Eddy County NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN 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.

Laboratory References:

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

Sample Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1077-1
SDG: Eddy County NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-1077-1	BH-17 (4)	Solid	08/09/21 00:00	08/09/21 14:56	- 4
890-1077-2	BH-18 (4)	Solid	08/09/21 00:00	08/09/21 14:56	- 4
890-1077-3	BH-19 (2)	Solid	08/09/21 00:00	08/09/21 14:56	- 2
890-1077-4	BH-20 (2)	Solid	08/09/21 00:00	08/09/21 14:56	- 2
890-1077-5	BH-21 (2)	Solid	08/09/21 00:00	08/09/21 14:56	- 2
890-1077-6	BH-22 (2)	Solid	08/09/21 00:00	08/09/21 14:56	- 2
890-1077-7	BH-23 (2)	Solid	08/09/21 00:00	08/09/21 14:56	- 2
890-1077-8	BH-24 (2)	Solid	08/09/21 00:00	08/09/21 14:56	- 2
890-1077-9	BH-25 (4)	Solid	08/09/21 00:00	08/09/21 14:56	- 4
890-1077-10	BH-26 (4)	Solid	08/09/21 00:00	08/09/21 14:56	- 4
890-1077-11	BH-27 (4)	Solid	08/09/21 00:00	08/09/21 14:56	- 4
890-1077-12	BH-28 (4)	Solid	08/09/21 00:00	08/09/21 14:56	- 4
890-1077-13	BH-29 (4)	Solid	08/09/21 00:00	08/09/21 14:56	- 4
890-1077-14	BH-30 (4)	Solid	08/09/21 00:00	08/09/21 14:56	- 4
890-1077-15	BH-31 (4)	Solid	08/09/21 00:00	08/09/21 14:56	- 4
890-1077-16	BH-32 (4)	Solid	08/09/21 00:00	08/09/21 14:56	- 4
890-1077-17	BH-33 (4)	Solid	08/09/21 00:00	08/09/21 14:56	- 4
890-1077-18	BH-34 (4)	Solid	08/09/21 00:00	08/09/21 14:56	- 4
890-1077-19	SW-21 (8)	Solid	08/09/21 00:00	08/09/21 14:56	- 8
890-1077-20	SW-22 (8)	Solid	08/09/21 00:00	08/09/21 14:56	- 8
890-1077-21	SW-23 (8)	Solid	08/09/21 00:00	08/09/21 14:56	- 8
890-1077-22	SW-24 (8)	Solid	08/09/21 00:00	08/09/21 14:56	- 8
890-1077-23	SW-25 (6)	Solid	08/09/21 00:00	08/09/21 14:56	- 6
890-1077-24	SW-26 (6)	Solid	08/09/21 00:00	08/09/21 14:56	- 6
890-1077-25	SW-27 (6)	Solid	08/09/21 00:00	08/09/21 14:56	- 6
890-1077-26	SW-28 (4)	Solid	08/09/21 00:00	08/09/21 14:56	- 4
890-1077-27	SW-29 (2)	Solid	08/09/21 00:00	08/09/21 14:56	- 2
890-1077-28	SW-30 (2)	Solid	08/09/21 00:00	08/09/21 14:56	- 2
890-1077-29	SW-31 (2)	Solid	08/09/21 00:00	08/09/21 14:56	- 2
890-1077-30	SW-32 (4)	Solid	08/09/21 00:00	08/09/21 14:56	- 4
890-1077-31	SW-33 (4)	Solid	08/09/21 00:00	08/09/21 14:56	- 4
890-1077-32	SW-34 (4)	Solid	08/09/21 00:00	08/09/21 14:56	- 4
890-1077-33	SW-35 (5)	Solid	08/09/21 00:00	08/09/21 14:56	- 5
890-1077-34	SW-36 (4)	Solid	08/09/21 00:00	08/09/21 14:56	- 4

Page 594 of 821

Analysis Request of Chain of Custody Record



Tetra Tech, Inc.

901W Wall Street, Ste 100
Midland,Texas 79705
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: EnLink	**Site Manager:** Brittany Long
Project Name: Falcon CDP	
Project Location: (county, state) Eddy County, New Mexico	**Project #:** 212C-MD-02376
Invoice to: Mike Luckett - EnLink	
Receiving Laboratory: Eurofins Xenco	**Sampler Signature:** Ezequiel Moreno
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2020 DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD None	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B / BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance					Hold
	BH-17 (4')	8/9/2021			X			X				X		X												X								
	BH-18 (4')	8/9/2021			X			X				X		X												X								
	BH-19 (2')	8/9/2021			X			X				X		X												X								
	BH-20 (2')	8/9/2021			X			X				X		X												X								
	BH-21 (2')	8/9/2021			X			X				X		X												X								
	BH-22 (2')	8/9/2021			X			X				X		X												X								
	BH-23 (2')	8/9/2021			X			X				X		X												X								
	BH-24 (2')	8/9/2021			X			X				X		X												X								
	BH-25 (4')	8/9/2021			X			X				X		X												X								
	BH-26 (4')	8/9/2021			X			X				X		X												X								

Relinquished by: Ezequiel Moreno	Date:	Time:	Received by: Clue Ato 8.9.21
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:

LAB USE ONLY

Sample Temperature
3.4
3.2

REMARKS:

- ☐ STANDARD
- ☒ RUSH: Same Day 24 hr 48 hr 72 hr
- ☐ Rush Charges Authorized
- ☐ Special Report Limits or TRRP Report

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Page 595 of 821

Analysis Request of Chain of Custody Record

Page 2 of 4

Tetra Tech, Inc.

901W Wall Street, Ste 100
Midland,Texas 79705
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: EnLink	**Site Manager:** Brittany Long
Project Name: Falcon CDP	
Project Location: (county, state) Eddy County, New Mexico	**Project #:** 212C-MD-02376
Invoice to: Mike Luckett - EnLink	
Receiving Laboratory: Eurofins Xenco	**Sampler Signature:** Ezequiel Moreno
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2020 DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD None	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance					Hold
	BH-27 (4')	8/9/2021			X			X				X		X												X								
	BH-28 (4')	8/9/2021			X			X				X		X												X								
	BH-29 (4')	8/9/2021			X			X				X		X												X								
	BH-30 (4')	8/9/2021			X			X				X		X												X								
	BH-31 (4')	8/9/2021			X			X				X		X												X								
	BH-32 (4')	8/9/2021			X			X				X		X												X								
	BH-33 (4')	8/9/2021			X			X				X		X												X								
	BH-34 (4')	8/9/2021			X			X				X		X												X								
	SW-21 (8')	8/9/2021			X			X				X		X												X								
	SW-22 (8')	8/9/2021			X			X				X		X												X								

Relinquished by: Emily Munoz	Date:	Time:	Received by: Cloe Cotty 8.9.21 Date: Time:
Relinquished by:	Date:	Time:	Received by: Date: Time:
Relinquished by:	Date:	Time:	Received by: Date: Time:

LAB USE ONLY
Sample Temperature

REMARKS:
- ☐ STANDARD
- ☒ RUSH: Same Day 24 hr 48 hr 72 hr
- ☐ Rush Charges Authorized
- ☐ Special Report Limits or TRRP Report

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Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

901W Wall Street, Ste 100
Midland,Texas 79705
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: EnLink	**Site Manager:** Brittany Long
Project Name: Falcon CDP	
Project Location: (county, state) Eddy County, New Mexico	**Project #:** 212C-MD-02376
Invoice to: Mike Luckett - EnLink	
Receiving Laboratory: Eurofins Xenco	**Sampler Signature:** Ezequiel Moreno
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2020 DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD None	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance				Hold
	SW-23 (8')	8/9/2021			X			X				X		X												X							
	SW-24 (8')	8/9/2021			X			X				X		X												X							
	SW-25 (6')	8/9/2021			X			X				X		X												X							
	SW-26 (6')	8/9/2021			X			X				X		X												X							
	SW-27 (6')	8/9/2021			X			X				X		X												X							
	SW-28 (4')	8/9/2021			X			X				X		X												X							
	SW-29 (2')	8/9/2021			X			X				X		X												X							
	SW-30 (2')	8/9/2021			X			X				X		X												X							
	SW-31 (2')	8/9/2021			X			X				X		X												X							
	SW-32 (4')	8/9/2021			X			X				X		X												X							

Relinquished by: Ezequiel Moreno	Date:	Time:	Received by: Cloe Cq 8.9.21 1457 Date: Time:
Relinquished by:	Date:	Time:	Received by: Date: Time:
Relinquished by:	Date:	Time:	Received by: Date: Time:

LAB USE ONLY
Sample Temperature
3.4
3.2

REMARKS:
☐ STANDARD
☒ RUSH: Same Day 24 hr 48 hr 72 hr
☐ Rush Charges Authorized
☐ Special Report Limits or TRRP Report

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Page 597 of 821

Analysis Request of Chain of Custody Record

Page 4 of 4

Tetra Tech, Inc.

901W Wall Street, Ste 100
Midland,Texas 79705
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: EnLink	**Site Manager:** Brittany Long
Project Name: Falcon CDP	
Project Location: (county, state) Eddy County, New Mexico	**Project #:** 212C-MD-02376
Invoice to: Mike Luckett - EnLink	
Receiving Laboratory: Eurofins Xenco	**Sampler Signature:** Ezequiel Moreno
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2020 DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD None		# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance					Hold
	SW-33 (4')	8/9/2021			X				X					X		X												X								
	SW-34 (4')	8/9/2021			X				X					X		X												X								
	SW-35 (5')	8/9/2021			X				X					X		X												X								
	SW-36 (4')	8/9/2021			X				X					X		X												X								

Relinquished by: Ezequiel Moreno	Date:	Time:	Received by: Cice Alfy
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:

Date: 8.9.21 Time: 1452

LAB USE ONLY
Sample Temperature
3.4
3.2

REMARKS:

- ☐ STANDARD
- ☒ RUSH: Same Day 24 hr 48 hr 72 hr
- ☐ Rush Charges Authorized
- ☐ Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #:

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8/12/2021

Login Sample Receipt Checklist

Client: Tetra Tech, Inc.

Job Number: 890-1077-1
SDG Number: Eddy County NM

Login Number: 1077
List Number: 1
Creator: Clifton, Cloe

List Source: Eurofins Xenco, 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: Tetra Tech, Inc.

Job Number: 890-1077-1
SDG Number: Eddy County NM

Login Number: 1077
List Number: 2
Creator: Copeland, Tatiana

List Source: Eurofins Xenco, Midland
List Creation: 08/10/21 11:10 AM

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.	True	
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").	True	

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ANALYTICAL REPORT

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

Laboratory Job ID: 890-1092-1
Laboratory Sample Delivery Group: Eddy County NM
Client Project/Site: Falcon CDP

For:
Tetra Tech, Inc.
901 W Wall
Ste 100
Midland, Texas 79701

Attn: Clair Gonzales

JKramer

Authorized for release by:
8/13/2021 9:37:31 AM

Jessica Kramer, Project Manager
(432)704-5440
jessica.kramer@eurofinset.com

LINKS

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Have a Question? Ask The Expert

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: Tetra Tech, Inc.
Project/Site: Falcon CDP

Laboratory Job ID: 890-1092-1
SDG: Eddy County NM

Table of Contents

Cover Page 1
Table of Contents 2
Definitions/Glossary 3
Case Narrative 4
Client Sample Results 5
Surrogate Summary 15
QC Sample Results 17
QC Association Summary 24
Lab Chronicle 28
Certification Summary 32
Method Summary 33
Sample Summary 34
Chain of Custody 35
Receipt Checklists 37

Definitions/Glossary

Client: Tetra Tech, Inc. Job ID: 890-1092-1
Project/Site: Falcon CDP SDG: Eddy County NM

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
F2	MS/MSD RPD exceeds control limits
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

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

Glossary

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

Case Narrative

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1092-1
SDG: Eddy County NM

Job ID: 890-1092-1

Laboratory: Eurofins Xenco, Carlsbad

Narrative

Job Narrative
890-1092-1

Receipt
The samples were received on 8/11/2021 2:35 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 6.0°C

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

GC Semi VOA
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: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1092-1
SDG: Eddy County NM

Client Sample ID: BH-4 (8)

Lab Sample ID: 890-1092-1
Matrix: Solid
Date Collected: 08/11/21 00:00
Date Received: 08/11/21 14:35
Sample Depth: - 8

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		08/12/21 10:00	08/12/21 13:52	1
Toluene	**0.0101**		0.00200		mg/Kg		08/12/21 10:00	08/12/21 13:52	1
Ethylbenzene	**0.0108**		0.00200		mg/Kg		08/12/21 10:00	08/12/21 13:52	1
m-Xylene & p-Xylene	**0.0592**		0.00399		mg/Kg		08/12/21 10:00	08/12/21 13:52	1
o-Xylene	**0.0308**		0.00200		mg/Kg		08/12/21 10:00	08/12/21 13:52	1
Xylenes, Total	**0.0900**		0.00399		mg/Kg		08/12/21 10:00	08/12/21 13:52	1
Total BTEX	**0.111**		0.00399		mg/Kg		08/12/21 10:00	08/12/21 13:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*08/12/21 10:00*	*08/12/21 13:52*	*1*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*	*08/12/21 10:00*	*08/12/21 13:52*	*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		08/12/21 11:00	08/12/21 14:10	1
Diesel Range Organics (Over C10-C28)	**610**		50.0		mg/Kg		08/12/21 11:00	08/12/21 14:10	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/21 11:00	08/12/21 14:10	1
Total TPH	**610**		50.0		mg/Kg		08/12/21 11:00	08/12/21 14:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*88*		*70 - 130*	*08/12/21 11:00*	*08/12/21 14:10*	*1*
o-Terphenyl	*90*		*70 - 130*	*08/12/21 11:00*	*08/12/21 14:10*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.99	U	4.99		mg/Kg			08/12/21 15:07	1

Client Sample ID: BH-36 (5)

Lab Sample ID: 890-1092-2
Matrix: Solid
Date Collected: 08/11/21 00:00
Date Received: 08/11/21 14:35
Sample Depth: - 5

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		08/12/21 10:00	08/12/21 14:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/12/21 10:00	08/12/21 14:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/12/21 10:00	08/12/21 14:13	1
m-Xylene & p-Xylene	**0.0111**		0.00401		mg/Kg		08/12/21 10:00	08/12/21 14:13	1
o-Xylene	**0.00520**		0.00200		mg/Kg		08/12/21 10:00	08/12/21 14:13	1
Xylenes, Total	**0.0163**		0.00401		mg/Kg		08/12/21 10:00	08/12/21 14:13	1
Total BTEX	**0.0163**		0.00401		mg/Kg		08/12/21 10:00	08/12/21 14:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*08/12/21 10:00*	*08/12/21 14:13*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*08/12/21 10:00*	*08/12/21 14:13*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1092-1
SDG: Eddy County NM

Client Sample ID: BH-36 (5)

Lab Sample ID: 890-1092-2
Matrix: Solid
Date Collected: 08/11/21 00:00
Date Received: 08/11/21 14:35
Sample Depth: - 5

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		08/12/21 11:00	08/12/21 14:31	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/12/21 11:00	08/12/21 14:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/12/21 11:00	08/12/21 14:31	1
Total TPH	<49.9	U	49.9		mg/Kg		08/12/21 11:00	08/12/21 14:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*83*		*70 - 130*	*08/12/21 11:00*	*08/12/21 14:31*	*1*
o-Terphenyl	*89*		*70 - 130*	*08/12/21 11:00*	*08/12/21 14:31*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.98	U	4.98		mg/Kg			08/12/21 15:13	1

Client Sample ID: SW-9 (8)

Lab Sample ID: 890-1092-3
Matrix: Solid
Date Collected: 08/11/21 00:00
Date Received: 08/11/21 14:35
Sample Depth: - 8

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		08/12/21 10:00	08/12/21 14:33	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/12/21 10:00	08/12/21 14:33	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/12/21 10:00	08/12/21 14:33	1
m-Xylene & p-Xylene	**0.00480**		0.00398		mg/Kg		08/12/21 10:00	08/12/21 14:33	1
o-Xylene	**0.00247**		0.00199		mg/Kg		08/12/21 10:00	08/12/21 14:33	1
Xylenes, Total	**0.00727**		0.00398		mg/Kg		08/12/21 10:00	08/12/21 14:33	1
Total BTEX	**0.00727**		0.00398		mg/Kg		08/12/21 10:00	08/12/21 14:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*08/12/21 10:00*	*08/12/21 14:33*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*08/12/21 10:00*	*08/12/21 14:33*	*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		08/12/21 11:00	08/12/21 14:52	1
Diesel Range Organics (Over C10-C28)	**278**		49.9		mg/Kg		08/12/21 11:00	08/12/21 14:52	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/12/21 11:00	08/12/21 14:52	1
Total TPH	**278**		49.9		mg/Kg		08/12/21 11:00	08/12/21 14:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 130*	*08/12/21 11:00*	*08/12/21 14:52*	*1*
o-Terphenyl	*100*		*70 - 130*	*08/12/21 11:00*	*08/12/21 14:52*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.97	U	4.97		mg/Kg			08/12/21 15:29	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1092-1
SDG: Eddy County NM

Client Sample ID: SW-20 (8)

Lab Sample ID: 890-1092-4
Matrix: Solid
Date Collected: 08/11/21 00:00
Date Received: 08/11/21 14:35
Sample Depth: - 8

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		08/12/21 10:00	08/12/21 14:54	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/12/21 10:00	08/12/21 14:54	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/12/21 10:00	08/12/21 14:54	1
m-Xylene & p-Xylene	**0.00675**		0.00403		mg/Kg		08/12/21 10:00	08/12/21 14:54	1
o-Xylene	**0.00334**		0.00202		mg/Kg		08/12/21 10:00	08/12/21 14:54	1
Xylenes, Total	**0.0101**		0.00403		mg/Kg		08/12/21 10:00	08/12/21 14:54	1
Total BTEX	**0.0101**		0.00403		mg/Kg		08/12/21 10:00	08/12/21 14:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*08/12/21 10:00*	*08/12/21 14:54*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*08/12/21 10:00*	*08/12/21 14:54*	*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		08/12/21 11:00	08/12/21 15:14	1
Diesel Range Organics (Over C10-C28)	**679**		49.8		mg/Kg		08/12/21 11:00	08/12/21 15:14	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/12/21 11:00	08/12/21 15:14	1
Total TPH	**679**		49.8		mg/Kg		08/12/21 11:00	08/12/21 15:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*08/12/21 11:00*	*08/12/21 15:14*	*1*
o-Terphenyl	*96*		*70 - 130*	*08/12/21 11:00*	*08/12/21 15:14*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.97	U	4.97		mg/Kg			08/12/21 15:35	1

Client Sample ID: SW-37 (4)

Lab Sample ID: 890-1092-5
Matrix: Solid
Date Collected: 08/11/21 00:00
Date Received: 08/11/21 14:35
Sample Depth: - 4

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		08/12/21 10:00	08/12/21 15:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/12/21 10:00	08/12/21 15:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/12/21 10:00	08/12/21 15:14	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/12/21 10:00	08/12/21 15:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/12/21 10:00	08/12/21 15:14	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/12/21 10:00	08/12/21 15:14	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		08/12/21 10:00	08/12/21 15:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*	*08/12/21 10:00*	*08/12/21 15:14*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*08/12/21 10:00*	*08/12/21 15:14*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1092-1
SDG: Eddy County NM

Client Sample ID: SW-37 (4)

Lab Sample ID: 890-1092-5
Matrix: Solid
Date Collected: 08/11/21 00:00
Date Received: 08/11/21 14:35
Sample Depth: - 4

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		08/12/21 11:00	08/12/21 15:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/12/21 11:00	08/12/21 15:35	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/12/21 11:00	08/12/21 15:35	1
Total TPH	<49.9	U	49.9		mg/Kg		08/12/21 11:00	08/12/21 15:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 130*	*08/12/21 11:00*	*08/12/21 15:35*	*1*
o-Terphenyl	*107*		*70 - 130*	*08/12/21 11:00*	*08/12/21 15:35*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10.6**		4.98		mg/Kg			08/12/21 15:40	1

Client Sample ID: SW-38 (4)

Lab Sample ID: 890-1092-6
Matrix: Solid
Date Collected: 08/11/21 00:00
Date Received: 08/11/21 14:35
Sample Depth: - 4

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		08/12/21 10:00	08/12/21 15:34	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/12/21 10:00	08/12/21 15:34	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/12/21 10:00	08/12/21 15:34	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/12/21 10:00	08/12/21 15:34	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/12/21 10:00	08/12/21 15:34	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/12/21 10:00	08/12/21 15:34	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		08/12/21 10:00	08/12/21 15:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*08/12/21 10:00*	*08/12/21 15:34*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*08/12/21 10:00*	*08/12/21 15:34*	*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		08/12/21 11:00	08/12/21 15:56	1
Diesel Range Organics (Over C10-C28)	**646**		50.0		mg/Kg		08/12/21 11:00	08/12/21 15:56	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/21 11:00	08/12/21 15:56	1
Total TPH	**646**		50.0		mg/Kg		08/12/21 11:00	08/12/21 15:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*87*		*70 - 130*	*08/12/21 11:00*	*08/12/21 15:56*	*1*
o-Terphenyl	*89*		*70 - 130*	*08/12/21 11:00*	*08/12/21 15:56*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.96	U	4.96		mg/Kg			08/12/21 15:46	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1092-1
SDG: Eddy County NM

Client Sample ID: SW-39 (3)

Lab Sample ID: 890-1092-7
Matrix: Solid
Date Collected: 08/11/21 00:00
Date Received: 08/11/21 14:35
Sample Depth: - 3

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		08/12/21 10:00	08/12/21 15:55	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/12/21 10:00	08/12/21 15:55	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/12/21 10:00	08/12/21 15:55	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/12/21 10:00	08/12/21 15:55	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/12/21 10:00	08/12/21 15:55	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/12/21 10:00	08/12/21 15:55	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		08/12/21 10:00	08/12/21 15:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*08/12/21 10:00*	*08/12/21 15:55*	*1*
1,4-Difluorobenzene (Surr)	*70*		*70 - 130*	*08/12/21 10:00*	*08/12/21 15:55*	*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		08/12/21 11:00	08/12/21 16:17	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/12/21 11:00	08/12/21 16:17	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/12/21 11:00	08/12/21 16:17	1
Total TPH	<49.8	U	49.8		mg/Kg		08/12/21 11:00	08/12/21 16:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*88*		*70 - 130*	*08/12/21 11:00*	*08/12/21 16:17*	*1*
o-Terphenyl	*95*		*70 - 130*	*08/12/21 11:00*	*08/12/21 16:17*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.05	U	5.05		mg/Kg			08/12/21 15:51	1

Client Sample ID: SW-40 (3)

Lab Sample ID: 890-1092-8
Matrix: Solid
Date Collected: 08/11/21 00:00
Date Received: 08/11/21 14:35
Sample Depth: - 3

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		08/12/21 10:00	08/12/21 13:29	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/12/21 10:00	08/12/21 13:29	1
Ethylbenzene	**0.00243**		0.00198		mg/Kg		08/12/21 10:00	08/12/21 13:29	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		08/12/21 10:00	08/12/21 13:29	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/12/21 10:00	08/12/21 13:29	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/12/21 10:00	08/12/21 13:29	1
Total BTEX	<0.00396	U	0.00396		mg/Kg		08/12/21 10:00	08/12/21 13:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*08/12/21 10:00*	*08/12/21 13:29*	*1*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*	*08/12/21 10:00*	*08/12/21 13:29*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1092-1
SDG: Eddy County NM

Client Sample ID: SW-40 (3)

Lab Sample ID: 890-1092-8
Matrix: Solid
Date Collected: 08/11/21 00:00
Date Received: 08/11/21 14:35
Sample Depth: - 3

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		08/12/21 11:00	08/12/21 16:38	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/21 11:00	08/12/21 16:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/21 11:00	08/12/21 16:38	1
Total TPH	<50.0	U	50.0		mg/Kg		08/12/21 11:00	08/12/21 16:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*83*		*70 - 130*	*08/12/21 11:00*	*08/12/21 16:38*	*1*
o-Terphenyl	*89*		*70 - 130*	*08/12/21 11:00*	*08/12/21 16:38*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.01	U	5.01		mg/Kg			08/12/21 15:57	1

Client Sample ID: SW-41 (5)

Lab Sample ID: 890-1092-9
Matrix: Solid
Date Collected: 08/11/21 00:00
Date Received: 08/11/21 14:35
Sample Depth: - 5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00300**		0.00200		mg/Kg		08/12/21 10:00	08/12/21 13:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/12/21 10:00	08/12/21 13:50	1
Ethylbenzene	**0.00218**		0.00200		mg/Kg		08/12/21 10:00	08/12/21 13:50	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/12/21 10:00	08/12/21 13:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/12/21 10:00	08/12/21 13:50	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/12/21 10:00	08/12/21 13:50	1
Total BTEX	**0.00518**		0.00400		mg/Kg		08/12/21 10:00	08/12/21 13:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*	*08/12/21 10:00*	*08/12/21 13:50*	*1*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*	*08/12/21 10:00*	*08/12/21 13:50*	*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		08/12/21 11:00	08/12/21 14:10	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/12/21 11:00	08/12/21 14:10	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/12/21 11:00	08/12/21 14:10	1
Total TPH	<49.9	U	49.9		mg/Kg		08/12/21 11:00	08/12/21 14:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 130*	*08/12/21 11:00*	*08/12/21 14:10*	*1*
o-Terphenyl	*92*		*70 - 130*	*08/12/21 11:00*	*08/12/21 14:10*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6.85**		4.98		mg/Kg			08/12/21 16:13	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1092-1
SDG: Eddy County NM

Client Sample ID: SW-58 (5)

Lab Sample ID: 890-1092-10
Matrix: Solid
Date Collected: 08/11/21 00:00
Date Received: 08/11/21 14:35
Sample Depth: - 5

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		08/12/21 10:00	08/12/21 14:11	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/12/21 10:00	08/12/21 14:11	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/12/21 10:00	08/12/21 14:11	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/12/21 10:00	08/12/21 14:11	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/12/21 10:00	08/12/21 14:11	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/12/21 10:00	08/12/21 14:11	1
Total BTEX	<0.00404	U	0.00404		mg/Kg		08/12/21 10:00	08/12/21 14:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*08/12/21 10:00*	*08/12/21 14:11*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*08/12/21 10:00*	*08/12/21 14:11*	*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		08/12/21 11:00	08/12/21 14:31	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/12/21 11:00	08/12/21 14:31	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/12/21 11:00	08/12/21 14:31	1
Total TPH	<49.8	U	49.8		mg/Kg		08/12/21 11:00	08/12/21 14:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*87*		*70 - 130*	*08/12/21 11:00*	*08/12/21 14:31*	*1*
o-Terphenyl	*84*		*70 - 130*	*08/12/21 11:00*	*08/12/21 14:31*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.95	U	4.95		mg/Kg			08/12/21 16:19	1

Client Sample ID: SW-59 (2)

Lab Sample ID: 890-1092-11
Matrix: Solid
Date Collected: 08/11/21 00:00
Date Received: 08/11/21 14:35
Sample Depth: - 2

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		08/12/21 10:00	08/12/21 14:31	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/12/21 10:00	08/12/21 14:31	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/12/21 10:00	08/12/21 14:31	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/12/21 10:00	08/12/21 14:31	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/12/21 10:00	08/12/21 14:31	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/12/21 10:00	08/12/21 14:31	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		08/12/21 10:00	08/12/21 14:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*08/12/21 10:00*	*08/12/21 14:31*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*08/12/21 10:00*	*08/12/21 14:31*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1092-1
SDG: Eddy County NM

Client Sample ID: SW-59 (2)

Lab Sample ID: 890-1092-11
Matrix: Solid
Date Collected: 08/11/21 00:00
Date Received: 08/11/21 14:35
Sample Depth: - 2

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		08/12/21 11:00	08/12/21 14:52	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/12/21 11:00	08/12/21 14:52	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/12/21 11:00	08/12/21 14:52	1
Total TPH	<49.9	U	49.9		mg/Kg		08/12/21 11:00	08/12/21 14:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*103*		*70 - 130*	*08/12/21 11:00*	*08/12/21 14:52*	*1*
o-Terphenyl	*99*		*70 - 130*	*08/12/21 11:00*	*08/12/21 14:52*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			08/12/21 16:35	1

Client Sample ID: SW-60 (2)

Lab Sample ID: 890-1092-12
Matrix: Solid
Date Collected: 08/11/21 00:00
Date Received: 08/11/21 14:35
Sample Depth: - 2

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		08/12/21 10:00	08/12/21 14:52	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/12/21 10:00	08/12/21 14:52	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/12/21 10:00	08/12/21 14:52	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		08/12/21 10:00	08/12/21 14:52	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/12/21 10:00	08/12/21 14:52	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		08/12/21 10:00	08/12/21 14:52	1
Total BTEX	<0.00403	U	0.00403		mg/Kg		08/12/21 10:00	08/12/21 14:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*	*08/12/21 10:00*	*08/12/21 14:52*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*08/12/21 10:00*	*08/12/21 14:52*	*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		08/12/21 11:00	08/12/21 15:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/21 11:00	08/12/21 15:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/21 11:00	08/12/21 15:14	1
Total TPH	<50.0	U	50.0		mg/Kg		08/12/21 11:00	08/12/21 15:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*86*		*70 - 130*	*08/12/21 11:00*	*08/12/21 15:14*	*1*
o-Terphenyl	*82*		*70 - 130*	*08/12/21 11:00*	*08/12/21 15:14*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			08/12/21 16:41	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1092-1
SDG: Eddy County NM

Client Sample ID: SW-61 (2)

Lab Sample ID: 890-1092-13
Matrix: Solid
Date Collected: 08/11/21 00:00
Date Received: 08/11/21 14:35
Sample Depth: - 2

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00235**		0.00200		mg/Kg		08/12/21 10:00	08/12/21 15:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/12/21 10:00	08/12/21 15:13	1
Ethylbenzene	**0.00610**		0.00200		mg/Kg		08/12/21 10:00	08/12/21 15:13	1
m-Xylene & p-Xylene	**0.0110**		0.00400		mg/Kg		08/12/21 10:00	08/12/21 15:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/12/21 10:00	08/12/21 15:13	1
Xylenes, Total	**0.0110**		0.00400		mg/Kg		08/12/21 10:00	08/12/21 15:13	1
Total BTEX	**0.0195**		0.00400		mg/Kg		08/12/21 10:00	08/12/21 15:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*82*		*70 - 130*	*08/12/21 10:00*	*08/12/21 15:13*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*08/12/21 10:00*	*08/12/21 15:13*	*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		08/12/21 11:00	08/12/21 15:35	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/12/21 11:00	08/12/21 15:35	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/12/21 11:00	08/12/21 15:35	1
Total TPH	<49.8	U	49.8		mg/Kg		08/12/21 11:00	08/12/21 15:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*08/12/21 11:00*	*08/12/21 15:35*	*1*
o-Terphenyl	*106*		*70 - 130*	*08/12/21 11:00*	*08/12/21 15:35*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			08/12/21 16:46	1

Client Sample ID: SW-62 (8)

Lab Sample ID: 890-1092-14
Matrix: Solid
Date Collected: 08/11/21 00:00
Date Received: 08/11/21 14:35
Sample Depth: - 8

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		08/12/21 10:00	08/12/21 15:33	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/12/21 10:00	08/12/21 15:33	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/12/21 10:00	08/12/21 15:33	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		08/12/21 10:00	08/12/21 15:33	1
o-Xylene	**0.00224**		0.00198		mg/Kg		08/12/21 10:00	08/12/21 15:33	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		08/12/21 10:00	08/12/21 15:33	1
Total BTEX	<0.00397	U	0.00397		mg/Kg		08/12/21 10:00	08/12/21 15:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*08/12/21 10:00*	*08/12/21 15:33*	*1*
1,4-Difluorobenzene (Surr)	*117*		*70 - 130*	*08/12/21 10:00*	*08/12/21 15:33*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1092-1
SDG: Eddy County NM

Client Sample ID: SW-62 (8)

Lab Sample ID: 890-1092-14
Matrix: Solid
Date Collected: 08/11/21 00:00
Date Received: 08/11/21 14:35
Sample Depth: - 8

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		08/12/21 11:00	08/12/21 15:56	1
Diesel Range Organics (Over C10-C28)	**874**		50.0		mg/Kg		08/12/21 11:00	08/12/21 15:56	1
Oil Range Organics (Over C28-C36)	**104**		50.0		mg/Kg		08/12/21 11:00	08/12/21 15:56	1
Total TPH	**978**		50.0		mg/Kg		08/12/21 11:00	08/12/21 15:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*105*		*70 - 130*	*08/12/21 11:00*	*08/12/21 15:56*	*1*
o-Terphenyl	*109*		*70 - 130*	*08/12/21 11:00*	*08/12/21 15:56*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.97	U	4.97		mg/Kg			08/12/21 16:52	1

Client Sample ID: SW-63 (8)

Lab Sample ID: 890-1092-15
Matrix: Solid
Date Collected: 08/11/21 00:00
Date Received: 08/11/21 14:35
Sample Depth: - 8

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		08/12/21 10:00	08/12/21 15:54	1
Toluene	**0.00208**		0.00200		mg/Kg		08/12/21 10:00	08/12/21 15:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/12/21 10:00	08/12/21 15:54	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/12/21 10:00	08/12/21 15:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/12/21 10:00	08/12/21 15:54	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/12/21 10:00	08/12/21 15:54	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		08/12/21 10:00	08/12/21 15:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*08/12/21 10:00*	*08/12/21 15:54*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*08/12/21 10:00*	*08/12/21 15:54*	*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		08/12/21 11:00	08/12/21 16:17	1
Diesel Range Organics (Over C10-C28)	**499**		50.0		mg/Kg		08/12/21 11:00	08/12/21 16:17	1
Oil Range Organics (Over C28-C36)	**57.2**		50.0		mg/Kg		08/12/21 11:00	08/12/21 16:17	1
Total TPH	**556**		50.0		mg/Kg		08/12/21 11:00	08/12/21 16:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*104*		*70 - 130*	*08/12/21 11:00*	*08/12/21 16:17*	*1*
o-Terphenyl	*107*		*70 - 130*	*08/12/21 11:00*	*08/12/21 16:17*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.99	U	4.99		mg/Kg			08/12/21 16:57	1

Surrogate Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1092-1
SDG: Eddy County NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
		BFB1	DFBZ1								
Lab Sample ID	Client Sample ID	(70-130)	(70-130)								
890-1077-A-33-G MS	Matrix Spike	106	105								
890-1077-A-33-H MSD	Matrix Spike Duplicate	109	107								
890-1092-1	BH-4 (8)	117	112								
890-1092-2	BH-36 (5)	120	105								
890-1092-3	SW-9 (8)	117	105								
890-1092-4	SW-20 (8)	119	90								
890-1092-5	SW-37 (4)	118	106								
890-1092-6	SW-38 (4)	110	101								
890-1092-7	SW-39 (3)	98	70								
890-1092-8	SW-40 (3)	106	79								
890-1092-8 MS	SW-40 (3)	100	85								
890-1092-9	SW-41 (5)	121	111								
890-1092-10	SW-58 (5)	104	90								
890-1092-11	SW-59 (2)	100	87								
890-1092-12	SW-60 (2)	89	91								
890-1092-13	SW-61 (2)	82	88								
890-1092-14	SW-62 (8)	103	117								
890-1092-15	SW-63 (8)	101	84								
LCS 880-6380/1-A	Lab Control Sample	109	105								
LCS 880-6390/1-A	Lab Control Sample	105	77								
LCSD 880-6380/2-A	Lab Control Sample Dup	109	106								
LCSD 880-6390/2-A	Lab Control Sample Dup	107	120								
MB 880-6380/5-A	Method Blank	107	99								
MB 880-6390/5-A	Method Blank	112	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)									
		BFB1	DFBZ1								
Lab Sample ID	Client Sample ID										
890-1092-8 MSD	SW-40 (3)										

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)									
		1CO1	OTPH1								
Lab Sample ID	Client Sample ID	(70-130)	(70-130)								
880-4997-A-16-D MSD	Matrix Spike Duplicate	93	90								
880-4997-A-16-F MS	Matrix Spike	90	87								
890-1083-A-3-D MS	Matrix Spike	96	86								
890-1083-A-3-E MSD	Matrix Spike Duplicate	82	76								

Surrogate Summary

Client: Tetra Tech, Inc. Job ID: 890-1092-1
Project/Site: Falcon CDP SDG: Eddy County NM

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)										
890-1092-1	BH-4 (8)	88	90										
890-1092-2	BH-36 (5)	83	89										
890-1092-3	SW-9 (8)	92	100										
890-1092-4	SW-20 (8)	93	96										
890-1092-5	SW-37 (4)	97	107										
890-1092-6	SW-38 (4)	87	89										
890-1092-7	SW-39 (3)	88	95										
890-1092-8	SW-40 (3)	83	89										
890-1092-9	SW-41 (5)	97	92										
890-1092-10	SW-58 (5)	87	84										
890-1092-11	SW-59 (2)	103	99										
890-1092-12	SW-60 (2)	86	82										
890-1092-13	SW-61 (2)	102	106										
890-1092-14	SW-62 (8)	105	109										
890-1092-15	SW-63 (8)	104	107										
LCS 880-6387/2-A	Lab Control Sample	108	111										
LCS 880-6415/2-A	Lab Control Sample	84	80										
LCSD 880-6387/3-A	Lab Control Sample Dup	112	109										
LCSD 880-6415/3-A	Lab Control Sample Dup	89	83										
MB 880-6387/1-A	Method Blank	92	103										
MB 880-6415/1-A	Method Blank	107	109										

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1092-1
SDG: Eddy County NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-6380/5-A
Matrix: Solid
Analysis Batch: 6428

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 6380

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/12/21 10:00	08/12/21 12:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/12/21 10:00	08/12/21 12:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/12/21 10:00	08/12/21 12:30	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/12/21 10:00	08/12/21 12:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/12/21 10:00	08/12/21 12:30	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/12/21 10:00	08/12/21 12:30	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		08/12/21 10:00	08/12/21 12:30	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*08/12/21 10:00*	*08/12/21 12:30*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*08/12/21 10:00*	*08/12/21 12:30*	*1*

Lab Sample ID: LCS 880-6380/1-A
Matrix: Solid
Analysis Batch: 6428

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 6380

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			0.100	0.09363		mg/Kg		94	70 - 130		
Toluene			0.100	0.08738		mg/Kg		87	70 - 130		
Ethylbenzene			0.100	0.08721		mg/Kg		87	70 - 130		
m-Xylene & p-Xylene			0.200	0.1793		mg/Kg		90	70 - 130		
o-Xylene			0.100	0.08868		mg/Kg		89	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*

Lab Sample ID: LCSD 880-6380/2-A
Matrix: Solid
Analysis Batch: 6428

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 6380

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			0.100	0.09726		mg/Kg		97	70 - 130	4	35
Toluene			0.100	0.08919		mg/Kg		89	70 - 130	2	35
Ethylbenzene			0.100	0.08897		mg/Kg		89	70 - 130	2	35
m-Xylene & p-Xylene			0.200	0.1804		mg/Kg		90	70 - 130	1	35
o-Xylene			0.100	0.08981		mg/Kg		90	70 - 130	1	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*

Lab Sample ID: 890-1077-A-33-G MS
Matrix: Solid
Analysis Batch: 6428

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 6380

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene	<0.00199	U	0.101	0.1019		mg/Kg		101	70 - 130		

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QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1092-1
SDG: Eddy County NM

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

Lab Sample ID: 890-1077-A-33-G MS
Matrix: Solid
Analysis Batch: 6428

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 6380

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene	<0.00199	U	0.101	0.09253		mg/Kg		92	70 - 130
Ethylbenzene	<0.00199	U	0.101	0.08916		mg/Kg		88	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.202	0.1795		mg/Kg		89	70 - 130
o-Xylene	<0.00199	U	0.101	0.08911		mg/Kg		88	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*

Lab Sample ID: 890-1077-A-33-H MSD
Matrix: Solid
Analysis Batch: 6428

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 6380

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.100	0.1074		mg/Kg		107	70 - 130	5	35
Toluene	<0.00199	U	0.100	0.09866		mg/Kg		99	70 - 130	6	35
Ethylbenzene	<0.00199	U	0.100	0.09490		mg/Kg		95	70 - 130	6	35
m-Xylene & p-Xylene	<0.00398	U	0.200	0.1912		mg/Kg		96	70 - 130	6	35
o-Xylene	<0.00199	U	0.100	0.09493		mg/Kg		95	70 - 130	6	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*

Lab Sample ID: MB 880-6390/5-A
Matrix: Solid
Analysis Batch: 6429

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 6390

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/12/21 10:00	08/12/21 12:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/12/21 10:00	08/12/21 12:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/12/21 10:00	08/12/21 12:47	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/12/21 10:00	08/12/21 12:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/12/21 10:00	08/12/21 12:47	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/12/21 10:00	08/12/21 12:47	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		08/12/21 10:00	08/12/21 12:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*08/12/21 10:00*	*08/12/21 12:47*	*1*
1,4-Difluorobenzene (Surr)	*114*		*70 - 130*	*08/12/21 10:00*	*08/12/21 12:47*	*1*

Lab Sample ID: LCS 880-6390/1-A
Matrix: Solid
Analysis Batch: 6429

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 6390

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.1189		mg/Kg		119	70 - 130
Toluene	0.100	0.1125		mg/Kg		113	70 - 130

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1092-1
SDG: Eddy County NM

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

Lab Sample ID: LCS 880-6390/1-A
Matrix: Solid
Analysis Batch: 6429

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 6390

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	0.100	0.1158		mg/Kg		116	70 - 130
m-Xylene & p-Xylene	0.200	0.2221		mg/Kg		111	70 - 130
o-Xylene	0.100	0.1039		mg/Kg		104	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*

Lab Sample ID: LCSD 880-6390/2-A
Matrix: Solid
Analysis Batch: 6429

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 6390

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.1026		mg/Kg		103	70 - 130	15	35
Toluene	0.100	0.1055		mg/Kg		106	70 - 130	6	35
Ethylbenzene	0.100	0.1080		mg/Kg		108	70 - 130	7	35
m-Xylene & p-Xylene	0.200	0.2076		mg/Kg		104	70 - 130	7	35
o-Xylene	0.100	0.1013		mg/Kg		101	70 - 130	3	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*
1,4-Difluorobenzene (Surr)	*120*		*70 - 130*

Lab Sample ID: 890-1092-8 MS
Matrix: Solid
Analysis Batch: 6429

Client Sample ID: SW-40 (3)
Prep Type: Total/NA

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*

Lab Sample ID: 890-1092-8 MSD
Matrix: Solid
Analysis Batch: 6429

Client Sample ID: SW-40 (3)
Prep Type: Total/NA

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)			
1,4-Difluorobenzene (Surr)			

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

Lab Sample ID: MB 880-6387/1-A
Matrix: Solid
Analysis Batch: 6434

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 6387

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		08/11/21 11:40	08/12/21 12:03	1

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1092-1
SDG: Eddy County NM

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

Lab Sample ID: MB 880-6387/1-A
Matrix: Solid
Analysis Batch: 6434

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 6387

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/11/21 11:40	08/12/21 12:03	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/11/21 11:40	08/12/21 12:03	1
Total TPH	<50.0	U	50.0		mg/Kg		08/11/21 11:40	08/12/21 12:03	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 130*	*08/11/21 11:40*	*08/12/21 12:03*	*1*
o-Terphenyl	*103*		*70 - 130*	*08/11/21 11:40*	*08/12/21 12:03*	*1*

Lab Sample ID: LCS 880-6387/2-A
Matrix: Solid
Analysis Batch: 6434

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 6387

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	907.7		mg/Kg		91	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1092		mg/Kg		109	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*108*		*70 - 130*
o-Terphenyl	*111*		*70 - 130*

Lab Sample ID: LCSD 880-6387/3-A
Matrix: Solid
Analysis Batch: 6434

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 6387

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	894.1		mg/Kg		89	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	1088		mg/Kg		109	70 - 130	0	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*112*		*70 - 130*
o-Terphenyl	*109*		*70 - 130*

Lab Sample ID: 880-4997-A-16-D MSD
Matrix: Solid
Analysis Batch: 6434

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 6387

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	995	975.6		mg/Kg		98	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.0	U	995	1131		mg/Kg		114	70 - 130	4	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*93*		*70 - 130*

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1092-1
SDG: Eddy County NM

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

Lab Sample ID: 880-4997-A-16-D MSD
Matrix: Solid
Analysis Batch: 6434

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 6387

Surrogate	MSD %Recovery	MSD Qualifier	Limits
o-Terphenyl	90		70 - 130

Lab Sample ID: 880-4997-A-16-F MS
Matrix: Solid
Analysis Batch: 6434

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 6387

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	964.3		mg/Kg		96	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	1091		mg/Kg		109	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	90		70 - 130
o-Terphenyl	87		70 - 130

Lab Sample ID: MB 880-6415/1-A
Matrix: Solid
Analysis Batch: 6436

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 6415

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		08/11/21 16:32	08/12/21 12:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/11/21 16:32	08/12/21 12:03	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/11/21 16:32	08/12/21 12:03	1
Total TPH	<50.0	U	50.0		mg/Kg		08/11/21 16:32	08/12/21 12:03	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130	08/11/21 16:32	08/12/21 12:03	1
o-Terphenyl	109		70 - 130	08/11/21 16:32	08/12/21 12:03	1

Lab Sample ID: LCS 880-6415/2-A
Matrix: Solid
Analysis Batch: 6436

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 6415

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	805.3		mg/Kg		81	70 - 130
Diesel Range Organics (Over C10-C28)	1000	859.6		mg/Kg		86	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	84		70 - 130
o-Terphenyl	80		70 - 130

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1092-1
SDG: Eddy County NM

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

Lab Sample ID: LCSD 880-6415/3-A
Matrix: Solid
Analysis Batch: 6436

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 6415

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	893.0		mg/Kg		89	70 - 130	10	20
Diesel Range Organics (Over C10-C28)			1000	898.5		mg/Kg		90	70 - 130	4	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*89*		*70 - 130*
o-Terphenyl	*83*		*70 - 130*

Lab Sample ID: 890-1083-A-3-D MS
Matrix: Solid
Analysis Batch: 6436

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 6415

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F2	995	1016		mg/Kg		102	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	995	903.1		mg/Kg		89	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*96*		*70 - 130*
o-Terphenyl	*86*		*70 - 130*

Lab Sample ID: 890-1083-A-3-E MSD
Matrix: Solid
Analysis Batch: 6436

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 6415

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F2	998	806.5	F2	mg/Kg		81	70 - 130	23	20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	801.5		mg/Kg		78	70 - 130	12	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*82*		*70 - 130*
o-Terphenyl	*76*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-6397/1-A
Matrix: Solid
Analysis Batch: 6463

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			08/12/21 14:24	1

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1092-1
SDG: Eddy County NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-6397/2-A
Matrix: Solid
Analysis Batch: 6463

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride			250	257.6		mg/Kg		103	90 - 110		

Lab Sample ID: LCSD 880-6397/3-A
Matrix: Solid
Analysis Batch: 6463

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride			250	257.5		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 890-1092-8 MS
Matrix: Solid
Analysis Batch: 6463

Client Sample ID: SW-40 (3)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	<5.01	U	251	261.1		mg/Kg		103	90 - 110		

Lab Sample ID: 890-1092-8 MSD
Matrix: Solid
Analysis Batch: 6463

Client Sample ID: SW-40 (3)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	<5.01	U	251	261.2		mg/Kg		103	90 - 110	0	20

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1092-1
SDG: Eddy County NM

GC VOA

Prep Batch: 6380

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1092-1	BH-4 (8)	Total/NA	Solid	5035	
890-1092-2	BH-36 (5)	Total/NA	Solid	5035	
890-1092-3	SW-9 (8)	Total/NA	Solid	5035	
890-1092-4	SW-20 (8)	Total/NA	Solid	5035	
890-1092-5	SW-37 (4)	Total/NA	Solid	5035	
890-1092-6	SW-38 (4)	Total/NA	Solid	5035	
890-1092-7	SW-39 (3)	Total/NA	Solid	5035	
MB 880-6380/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-6380/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-6380/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-1077-A-33-G MS	Matrix Spike	Total/NA	Solid	5035	
890-1077-A-33-H MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 6390

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1092-8	SW-40 (3)	Total/NA	Solid	5035	
890-1092-9	SW-41 (5)	Total/NA	Solid	5035	
890-1092-10	SW-58 (5)	Total/NA	Solid	5035	
890-1092-11	SW-59 (2)	Total/NA	Solid	5035	
890-1092-12	SW-60 (2)	Total/NA	Solid	5035	
890-1092-13	SW-61 (2)	Total/NA	Solid	5035	
890-1092-14	SW-62 (8)	Total/NA	Solid	5035	
890-1092-15	SW-63 (8)	Total/NA	Solid	5035	
MB 880-6390/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-6390/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-6390/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 6428

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1092-1	BH-4 (8)	Total/NA	Solid	8021B	6380
890-1092-2	BH-36 (5)	Total/NA	Solid	8021B	6380
890-1092-3	SW-9 (8)	Total/NA	Solid	8021B	6380
890-1092-4	SW-20 (8)	Total/NA	Solid	8021B	6380
890-1092-5	SW-37 (4)	Total/NA	Solid	8021B	6380
890-1092-6	SW-38 (4)	Total/NA	Solid	8021B	6380
890-1092-7	SW-39 (3)	Total/NA	Solid	8021B	6380
MB 880-6380/5-A	Method Blank	Total/NA	Solid	8021B	6380
LCS 880-6380/1-A	Lab Control Sample	Total/NA	Solid	8021B	6380
LCSD 880-6380/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	6380
890-1077-A-33-G MS	Matrix Spike	Total/NA	Solid	8021B	6380
890-1077-A-33-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	6380

Analysis Batch: 6429

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1092-8	SW-40 (3)	Total/NA	Solid	8021B	6390
890-1092-9	SW-41 (5)	Total/NA	Solid	8021B	6390
890-1092-10	SW-58 (5)	Total/NA	Solid	8021B	6390
890-1092-11	SW-59 (2)	Total/NA	Solid	8021B	6390
890-1092-12	SW-60 (2)	Total/NA	Solid	8021B	6390
890-1092-13	SW-61 (2)	Total/NA	Solid	8021B	6390
890-1092-14	SW-62 (8)	Total/NA	Solid	8021B	6390

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1092-1
SDG: Eddy County NM

GC VOA (Continued)

Analysis Batch: 6429 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1092-15	SW-63 (8)	Total/NA	Solid	8021B	6390
MB 880-6390/5-A	Method Blank	Total/NA	Solid	8021B	6390
LCS 880-6390/1-A	Lab Control Sample	Total/NA	Solid	8021B	6390
LCSD 880-6390/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	6390
890-1092-8 MS	SW-40 (3)	Total/NA	Solid	8021B	
890-1092-8 MSD	SW-40 (3)	Total/NA	Solid	8021B	

GC Semi VOA

Prep Batch: 6387

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1092-1	BH-4 (8)	Total/NA	Solid	8015NM Prep	
890-1092-2	BH-36 (5)	Total/NA	Solid	8015NM Prep	
890-1092-3	SW-9 (8)	Total/NA	Solid	8015NM Prep	
890-1092-4	SW-20 (8)	Total/NA	Solid	8015NM Prep	
890-1092-5	SW-37 (4)	Total/NA	Solid	8015NM Prep	
890-1092-6	SW-38 (4)	Total/NA	Solid	8015NM Prep	
890-1092-7	SW-39 (3)	Total/NA	Solid	8015NM Prep	
890-1092-8	SW-40 (3)	Total/NA	Solid	8015NM Prep	
MB 880-6387/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-6387/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-6387/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-4997-A-16-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	
880-4997-A-16-F MS	Matrix Spike	Total/NA	Solid	8015NM Prep	

Prep Batch: 6415

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1092-9	SW-41 (5)	Total/NA	Solid	8015NM Prep	
890-1092-10	SW-58 (5)	Total/NA	Solid	8015NM Prep	
890-1092-11	SW-59 (2)	Total/NA	Solid	8015NM Prep	
890-1092-12	SW-60 (2)	Total/NA	Solid	8015NM Prep	
890-1092-13	SW-61 (2)	Total/NA	Solid	8015NM Prep	
890-1092-14	SW-62 (8)	Total/NA	Solid	8015NM Prep	
890-1092-15	SW-63 (8)	Total/NA	Solid	8015NM Prep	
MB 880-6415/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-6415/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-6415/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1083-A-3-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-1083-A-3-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 6434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1092-1	BH-4 (8)	Total/NA	Solid	8015B NM	6387
890-1092-2	BH-36 (5)	Total/NA	Solid	8015B NM	6387
890-1092-3	SW-9 (8)	Total/NA	Solid	8015B NM	6387
890-1092-4	SW-20 (8)	Total/NA	Solid	8015B NM	6387
890-1092-5	SW-37 (4)	Total/NA	Solid	8015B NM	6387
890-1092-6	SW-38 (4)	Total/NA	Solid	8015B NM	6387
890-1092-7	SW-39 (3)	Total/NA	Solid	8015B NM	6387
890-1092-8	SW-40 (3)	Total/NA	Solid	8015B NM	6387
MB 880-6387/1-A	Method Blank	Total/NA	Solid	8015B NM	6387

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1092-1
SDG: Eddy County NM

GC Semi VOA (Continued)

Analysis Batch: 6434 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-6387/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	6387
LCSD 880-6387/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	6387
880-4997-A-16-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	6387
880-4997-A-16-F MS	Matrix Spike	Total/NA	Solid	8015B NM	6387

Analysis Batch: 6436

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1092-9	SW-41 (5)	Total/NA	Solid	8015B NM	6415
890-1092-10	SW-58 (5)	Total/NA	Solid	8015B NM	6415
890-1092-11	SW-59 (2)	Total/NA	Solid	8015B NM	6415
890-1092-12	SW-60 (2)	Total/NA	Solid	8015B NM	6415
890-1092-13	SW-61 (2)	Total/NA	Solid	8015B NM	6415
890-1092-14	SW-62 (8)	Total/NA	Solid	8015B NM	6415
890-1092-15	SW-63 (8)	Total/NA	Solid	8015B NM	6415
MB 880-6415/1-A	Method Blank	Total/NA	Solid	8015B NM	6415
LCS 880-6415/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	6415
LCSD 880-6415/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	6415
890-1083-A-3-D MS	Matrix Spike	Total/NA	Solid	8015B NM	6415
890-1083-A-3-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	6415

HPLC/IC

Leach Batch: 6397

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1092-1	BH-4 (8)	Soluble	Solid	DI Leach	
890-1092-2	BH-36 (5)	Soluble	Solid	DI Leach	
890-1092-3	SW-9 (8)	Soluble	Solid	DI Leach	
890-1092-4	SW-20 (8)	Soluble	Solid	DI Leach	
890-1092-5	SW-37 (4)	Soluble	Solid	DI Leach	
890-1092-6	SW-38 (4)	Soluble	Solid	DI Leach	
890-1092-7	SW-39 (3)	Soluble	Solid	DI Leach	
890-1092-8	SW-40 (3)	Soluble	Solid	DI Leach	
890-1092-9	SW-41 (5)	Soluble	Solid	DI Leach	
890-1092-10	SW-58 (5)	Soluble	Solid	DI Leach	
890-1092-11	SW-59 (2)	Soluble	Solid	DI Leach	
890-1092-12	SW-60 (2)	Soluble	Solid	DI Leach	
890-1092-13	SW-61 (2)	Soluble	Solid	DI Leach	
890-1092-14	SW-62 (8)	Soluble	Solid	DI Leach	
890-1092-15	SW-63 (8)	Soluble	Solid	DI Leach	
MB 880-6397/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-6397/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-6397/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-1092-8 MS	SW-40 (3)	Soluble	Solid	DI Leach	
890-1092-8 MSD	SW-40 (3)	Soluble	Solid	DI Leach	

Analysis Batch: 6463

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1092-1	BH-4 (8)	Soluble	Solid	300.0	6397
890-1092-2	BH-36 (5)	Soluble	Solid	300.0	6397
890-1092-3	SW-9 (8)	Soluble	Solid	300.0	6397
890-1092-4	SW-20 (8)	Soluble	Solid	300.0	6397

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1092-1
SDG: Eddy County NM

HPLC/IC (Continued)

Analysis Batch: 6463 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1092-5	SW-37 (4)	Soluble	Solid	300.0	6397
890-1092-6	SW-38 (4)	Soluble	Solid	300.0	6397
890-1092-7	SW-39 (3)	Soluble	Solid	300.0	6397
890-1092-8	SW-40 (3)	Soluble	Solid	300.0	6397
890-1092-9	SW-41 (5)	Soluble	Solid	300.0	6397
890-1092-10	SW-58 (5)	Soluble	Solid	300.0	6397
890-1092-11	SW-59 (2)	Soluble	Solid	300.0	6397
890-1092-12	SW-60 (2)	Soluble	Solid	300.0	6397
890-1092-13	SW-61 (2)	Soluble	Solid	300.0	6397
890-1092-14	SW-62 (8)	Soluble	Solid	300.0	6397
890-1092-15	SW-63 (8)	Soluble	Solid	300.0	6397
MB 880-6397/1-A	Method Blank	Soluble	Solid	300.0	6397
LCS 880-6397/2-A	Lab Control Sample	Soluble	Solid	300.0	6397
LCSD 880-6397/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	6397
890-1092-8 MS	SW-40 (3)	Soluble	Solid	300.0	6397
890-1092-8 MSD	SW-40 (3)	Soluble	Solid	300.0	6397

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1092-1
SDG: Eddy County NM

Client Sample ID: BH-4 (8)

Date Collected: 08/11/21 00:00
Date Received: 08/11/21 14:35

Lab Sample ID: 890-1092-1
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	6380	08/12/21 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6428	08/12/21 13:52	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	6387	08/12/21 11:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6434	08/12/21 14:10	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	6397	08/12/21 12:32	SC	XEN MID
Soluble	Analysis	300.0		1			6463	08/12/21 15:07	CH	XEN MID

Client Sample ID: BH-36 (5)

Date Collected: 08/11/21 00:00
Date Received: 08/11/21 14:35

Lab Sample ID: 890-1092-2
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	6380	08/12/21 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6428	08/12/21 14:13	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	6387	08/12/21 11:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6434	08/12/21 14:31	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	6397	08/12/21 12:32	SC	XEN MID
Soluble	Analysis	300.0		1			6463	08/12/21 15:13	CH	XEN MID

Client Sample ID: SW-9 (8)

Date Collected: 08/11/21 00:00
Date Received: 08/11/21 14:35

Lab Sample ID: 890-1092-3
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	6380	08/12/21 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6428	08/12/21 14:33	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	6387	08/12/21 11:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6434	08/12/21 14:52	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	6397	08/12/21 12:32	SC	XEN MID
Soluble	Analysis	300.0		1			6463	08/12/21 15:29	CH	XEN MID

Client Sample ID: SW-20 (8)

Date Collected: 08/11/21 00:00
Date Received: 08/11/21 14:35

Lab Sample ID: 890-1092-4
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			4.96 g	5 mL	6380	08/12/21 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6428	08/12/21 14:54	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	6387	08/12/21 11:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6434	08/12/21 15:14	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	6397	08/12/21 12:32	SC	XEN MID
Soluble	Analysis	300.0		1			6463	08/12/21 15:35	CH	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1092-1
Project/Site: Falcon CDP SDG: Eddy County NM

Client Sample ID: SW-37 (4) Lab Sample ID: 890-1092-5

Date Collected: 08/11/21 00:00 **Matrix: Solid**
Date Received: 08/11/21 14:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	6380	08/12/21 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6428	08/12/21 15:14	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	6387	08/12/21 11:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6434	08/12/21 15:35	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	6397	08/12/21 12:32	SC	XEN MID
Soluble	Analysis	300.0		1			6463	08/12/21 15:40	CH	XEN MID

Client Sample ID: SW-38 (4) Lab Sample ID: 890-1092-6

Date Collected: 08/11/21 00:00 **Matrix: Solid**
Date Received: 08/11/21 14:35

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	6380	08/12/21 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6428	08/12/21 15:34	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	6387	08/12/21 11:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6434	08/12/21 15:56	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	6397	08/12/21 12:32	SC	XEN MID
Soluble	Analysis	300.0		1			6463	08/12/21 15:46	CH	XEN MID

Client Sample ID: SW-39 (3) Lab Sample ID: 890-1092-7

Date Collected: 08/11/21 00:00 **Matrix: Solid**
Date Received: 08/11/21 14:35

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	6380	08/12/21 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6428	08/12/21 15:55	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	6387	08/12/21 11:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6434	08/12/21 16:17	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	6397	08/12/21 12:32	SC	XEN MID
Soluble	Analysis	300.0		1			6463	08/12/21 15:51	CH	XEN MID

Client Sample ID: SW-40 (3) Lab Sample ID: 890-1092-8

Date Collected: 08/11/21 00:00 **Matrix: Solid**
Date Received: 08/11/21 14:35

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	6390	08/12/21 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6429	08/12/21 13:29	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	6387	08/12/21 11:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6434	08/12/21 16:38	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	6397	08/12/21 12:32	SC	XEN MID
Soluble	Analysis	300.0		1			6463	08/12/21 15:57	CH	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1092-1
SDG: Eddy County NM

Client Sample ID: SW-41 (5)

Date Collected: 08/11/21 00:00
Date Received: 08/11/21 14:35

Lab Sample ID: 890-1092-9

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			5.00 g	5 mL	6390	08/12/21 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6429	08/12/21 13:50	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	6415	08/12/21 11:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6436	08/12/21 14:10	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	6397	08/12/21 12:32	SC	XEN MID
Soluble	Analysis	300.0		1			6463	08/12/21 16:13	CH	XEN MID

Client Sample ID: SW-58 (5)

Date Collected: 08/11/21 00:00
Date Received: 08/11/21 14:35

Lab Sample ID: 890-1092-10

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			4.95 g	5 mL	6390	08/12/21 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6429	08/12/21 14:11	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	6415	08/12/21 11:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6436	08/12/21 14:31	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	6397	08/12/21 12:32	SC	XEN MID
Soluble	Analysis	300.0		1			6463	08/12/21 16:19	CH	XEN MID

Client Sample ID: SW-59 (2)

Date Collected: 08/11/21 00:00
Date Received: 08/11/21 14:35

Lab Sample ID: 890-1092-11

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			5.03 g	5 mL	6390	08/12/21 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6429	08/12/21 14:31	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	6415	08/12/21 11:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6436	08/12/21 14:52	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	6397	08/12/21 12:32	SC	XEN MID
Soluble	Analysis	300.0		1			6463	08/12/21 16:35	CH	XEN MID

Client Sample ID: SW-60 (2)

Date Collected: 08/11/21 00:00
Date Received: 08/11/21 14:35

Lab Sample ID: 890-1092-12

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			4.96 g	5 mL	6390	08/12/21 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6429	08/12/21 14:52	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	6415	08/12/21 11:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6436	08/12/21 15:14	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	6397	08/12/21 12:32	SC	XEN MID
Soluble	Analysis	300.0		1			6463	08/12/21 16:41	CH	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1092-1
SDG: Eddy County NM

Client Sample ID: SW-61 (2)

Lab Sample ID: 890-1092-13
Matrix: Solid
Date Collected: 08/11/21 00:00
Date Received: 08/11/21 14:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	6390	08/12/21 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6429	08/12/21 15:13	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	6415	08/12/21 11:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6436	08/12/21 15:35	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	6397	08/12/21 12:32	SC	XEN MID
Soluble	Analysis	300.0		1			6463	08/12/21 16:46	CH	XEN MID

Client Sample ID: SW-62 (8)

Lab Sample ID: 890-1092-14
Matrix: Solid
Date Collected: 08/11/21 00:00
Date Received: 08/11/21 14:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	6390	08/12/21 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6429	08/12/21 15:33	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	6415	08/12/21 11:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6436	08/12/21 15:56	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	6397	08/12/21 12:32	SC	XEN MID
Soluble	Analysis	300.0		1			6463	08/12/21 16:52	CH	XEN MID

Client Sample ID: SW-63 (8)

Lab Sample ID: 890-1092-15
Matrix: Solid
Date Collected: 08/11/21 00:00
Date Received: 08/11/21 14:35

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	6390	08/12/21 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6429	08/12/21 15:54	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	6415	08/12/21 11:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6436	08/12/21 16:17	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	6397	08/12/21 12:32	SC	XEN MID
Soluble	Analysis	300.0		1			6463	08/12/21 16:57	CH	XEN MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1092-1
SDG: Eddy County NM

Laboratory: Eurofins Xenco, Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-20-21	06-30-22

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
8015B NM	8015NM Prep	Solid	Total TPH
8021B	5035	Solid	Total BTEX

Method Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1092-1
SDG: Eddy County NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN 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.

Laboratory References:

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

Sample Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1092-1
SDG: Eddy County NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-1092-1	BH-4 (8)	Solid	08/11/21 00:00	08/11/21 14:35	- 8
890-1092-2	BH-36 (5)	Solid	08/11/21 00:00	08/11/21 14:35	- 5
890-1092-3	SW-9 (8)	Solid	08/11/21 00:00	08/11/21 14:35	- 8
890-1092-4	SW-20 (8)	Solid	08/11/21 00:00	08/11/21 14:35	- 8
890-1092-5	SW-37 (4)	Solid	08/11/21 00:00	08/11/21 14:35	- 4
890-1092-6	SW-38 (4)	Solid	08/11/21 00:00	08/11/21 14:35	- 4
890-1092-7	SW-39 (3)	Solid	08/11/21 00:00	08/11/21 14:35	- 3
890-1092-8	SW-40 (3)	Solid	08/11/21 00:00	08/11/21 14:35	- 3
890-1092-9	SW-41 (5)	Solid	08/11/21 00:00	08/11/21 14:35	- 5
890-1092-10	SW-58 (5)	Solid	08/11/21 00:00	08/11/21 14:35	- 5
890-1092-11	SW-59 (2)	Solid	08/11/21 00:00	08/11/21 14:35	- 2
890-1092-12	SW-60 (2)	Solid	08/11/21 00:00	08/11/21 14:35	- 2
890-1092-13	SW-61 (2)	Solid	08/11/21 00:00	08/11/21 14:35	- 2
890-1092-14	SW-62 (8)	Solid	08/11/21 00:00	08/11/21 14:35	- 8
890-1092-15	SW-63 (8)	Solid	08/11/21 00:00	08/11/21 14:35	- 8

Page 634 of 821

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

901W Wall Street, Ste 1
Midland,Texas 79705
Tel (432) 682-4559
Fax (432) 682-3946

890-1092 Chain of Custody

Client Name: EnLink	**Site Manager:** Brittany Long
Project Name: Falcon CDP	
Project Location: (county, state) Eddy County, New Mexico	**Project #:** 212C-MD-02376
Invoice to: Mike Luckett - EnLink	
Receiving Laboratory: Eurofins Xenco	**Sampler Signature:** Ezequiel Moreno
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2020 DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD None	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance					Hold
	BH-4 (8')	8/11/2021			X			X				X		X												X							
	BH-36 (5')	8/11/2021			X			X				X		X												X							
	SW-9 (8')	8/11/2021			X			X				X		X												X							
	SW-20 (8')	8/11/2021			X			X				X		X												X							
	SW-37 (4')	8/11/2021			X			X				X		X												X							
	SW-38 (4')	8/11/2021			X			X				X		X												X							
	SW-39 (3')	8/11/2021			X			X				X		X												X							
	SW-40 (3')	8/11/2021			X			X				X		X												X							
	SW-41 (5')	8/11/2021			X			X				X		X												X							
	SW-58 (5')	8/11/2021			X			X				X		X												X							

Relinquished by: Ezequiel Moreno	Date: 8/11/21	Time:	Received by:	Date:	Time: 1432
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

LAB USE ONLY
Sample Temperature
6.2
6.0

REMARKS:
☐ STANDARD
☒ RUSH: Same Day (24 hr) 48 hr 72 hr
☐ Rush Charges Authorized
☐ Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #: _____

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Page 635 of 821

8/13/2021

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

901W Wall Street, Ste 100
Midland,Texas 79705
Tel (432) 682-4559
Fax (432) 682-3946

Client Name:	EnLink	**Site Manager:**	Brittany Long
Project Name:	Falcon CDP		
Project Location: (county, state)	Eddy County, New Mexico	**Project #:**	212C-MD-02376
Invoice to:	Mike Luckett - EnLink		
Receiving Laboratory:	Eurofins Xenco	**Sampler Signature:**	Ezequiel Moreno
Comments:			

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2020 DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD None	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B	BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Sulfate	TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	Hold
	SW-59 (2')	8/11/2021			X				X				X			X												X					
	SW-60 (2')	8/11/2021			X				X				X			X												X					
	SW-61 (2')	8/11/2021			X				X				X			X												X					
	SW-62 (8')	8/11/2021			X				X				X			X												X					
	SW-63 (8')	8/11/2021			X				X				X			X												X					

Relinquished by: Ezequiel Moreno	Date: 8/11/21	Time:	Received by:	Date: 8-11-21	Time: 1232
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

LAB USE ONLY
Sample Temperature: 4.1

REMARKS:
- ☐ STANDARD
- ☒ RUSH: Same Day (24 hr) 48 hr 72 hr
- ☐ Rush Charges Authorized
- ☐ Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #: _____

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Received by OCD: 9/14/2021 1:19:38 PM

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Login Sample Receipt Checklist

Client: Tetra Tech, Inc.

Job Number: 890-1092-1
SDG Number: Eddy County NM

Login Number: 1092
List Number: 1
Creator: Clifton, Cloe

List Source: Eurofins Xenco, 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: Tetra Tech, Inc.

Job Number: 890-1092-1
SDG Number: Eddy County NM

Login Number: 1092
List Number: 2
Creator: Copeland, Tatiana

List Source: Eurofins Xenco, Midland
List Creation: 08/12/21 11:00 AM

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.	True	
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").	True	

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ANALYTICAL REPORT

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

Laboratory Job ID: 890-1093-1
Laboratory Sample Delivery Group: Eddy County NM
Client Project/Site: Falcon CDP

For:
Tetra Tech, Inc.
901 W Wall
Ste 100
Midland, Texas 79701

Attn: Clair Gonzales

JKramer

Authorized for release by:
8/16/2021 12:08:38 PM

Jessica Kramer, Project Manager
(432)704-5440
jessica.kramer@eurofinset.com

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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: Tetra Tech, Inc.
Project/Site: Falcon CDP

Laboratory Job ID: 890-1093-1
SDG: Eddy County NM

Table of Contents

Cover Page 1
Table of Contents 2
Definitions/Glossary 3
Case Narrative 4
Client Sample Results 5
Surrogate Summary 18
QC Sample Results 20
QC Association Summary 25
Lab Chronicle 29
Certification Summary 34
Method Summary 35
Sample Summary 36
Chain of Custody 37
Receipt Checklists 39

Definitions/Glossary

Client: Tetra Tech, Inc. Job ID: 890-1093-1
Project/Site: Falcon CDP SDG: Eddy County NM

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1093-1
SDG: Eddy County NM

Job ID: 890-1093-1

Laboratory: Eurofins Xenco, Carlsbad

Narrative

Job Narrative
890-1093-1

Receipt
The samples were received on 8/11/2021 2:38 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 6.0°C

GC VOA
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 matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-6515 and analytical batch 880-6490 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.

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: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1093-1
SDG: Eddy County NM

Client Sample ID: BH-35 (3)

Lab Sample ID: 890-1093-1
Matrix: Solid
Date Collected: 08/11/21 00:00
Date Received: 08/11/21 14:38
Sample Depth: - 3

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		08/12/21 09:00	08/12/21 23:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/12/21 09:00	08/12/21 23:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/12/21 09:00	08/12/21 23:42	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/12/21 09:00	08/12/21 23:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/12/21 09:00	08/12/21 23:42	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/12/21 09:00	08/12/21 23:42	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		08/12/21 09:00	08/12/21 23:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*08/12/21 09:00*	*08/12/21 23:42*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*08/12/21 09:00*	*08/12/21 23:42*	*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 F1 F2	50.0		mg/Kg		08/13/21 10:11	08/13/21 19:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U F1 F2	50.0		mg/Kg		08/13/21 10:11	08/13/21 19:45	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/13/21 10:11	08/13/21 19:45	1
Total TPH	<50.0	U F1 F2	50.0		mg/Kg		08/13/21 10:11	08/13/21 19:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*79*		*70 - 130*	*08/13/21 10:11*	*08/13/21 19:45*	*1*
o-Terphenyl	*84*		*70 - 130*	*08/13/21 10:11*	*08/13/21 19:45*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.96	U	4.96		mg/Kg			08/13/21 23:55	1

Client Sample ID: BH-37 (6)

Lab Sample ID: 890-1093-2
Matrix: Solid
Date Collected: 08/11/21 00:00
Date Received: 08/11/21 14:38
Sample Depth: - 6

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		08/12/21 09:00	08/13/21 00:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/12/21 09:00	08/13/21 00:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/12/21 09:00	08/13/21 00:03	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/12/21 09:00	08/13/21 00:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/12/21 09:00	08/13/21 00:03	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/12/21 09:00	08/13/21 00:03	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		08/12/21 09:00	08/13/21 00:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*	*08/12/21 09:00*	*08/13/21 00:03*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*08/12/21 09:00*	*08/13/21 00:03*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1093-1
SDG: Eddy County NM

Client Sample ID: BH-37 (6)

Lab Sample ID: 890-1093-2
Matrix: Solid
Date Collected: 08/11/21 00:00
Date Received: 08/11/21 14:38
Sample Depth: - 6

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		08/13/21 10:11	08/13/21 20:49	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/13/21 10:11	08/13/21 20:49	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/13/21 10:11	08/13/21 20:49	1
Total TPH	<49.9	U	49.9		mg/Kg		08/13/21 10:11	08/13/21 20:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*68*	*S1-*	*70 - 130*	*08/13/21 10:11*	*08/13/21 20:49*	*1*
o-Terphenyl	*70*		*70 - 130*	*08/13/21 10:11*	*08/13/21 20:49*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10.8**		5.04		mg/Kg			08/14/21 00:11	1

Client Sample ID: BH-38 (4)

Lab Sample ID: 890-1093-3
Matrix: Solid
Date Collected: 08/11/21 00:00
Date Received: 08/11/21 14:38
Sample Depth: - 4

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		08/12/21 09:00	08/13/21 00:23	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/12/21 09:00	08/13/21 00:23	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/12/21 09:00	08/13/21 00:23	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/12/21 09:00	08/13/21 00:23	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/12/21 09:00	08/13/21 00:23	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/12/21 09:00	08/13/21 00:23	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		08/12/21 09:00	08/13/21 00:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*	*08/12/21 09:00*	*08/13/21 00:23*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*08/12/21 09:00*	*08/13/21 00:23*	*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		08/13/21 10:11	08/13/21 21:11	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/13/21 10:11	08/13/21 21:11	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/13/21 10:11	08/13/21 21:11	1
Total TPH	<49.8	U	49.8		mg/Kg		08/13/21 10:11	08/13/21 21:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*89*		*70 - 130*	*08/13/21 10:11*	*08/13/21 21:11*	*1*
o-Terphenyl	*98*		*70 - 130*	*08/13/21 10:11*	*08/13/21 21:11*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**14.8**		4.98		mg/Kg			08/14/21 00:17	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1093-1
SDG: Eddy County NM

Client Sample ID: BH-39 (5)

Lab Sample ID: 890-1093-4
Matrix: Solid
Date Collected: 08/11/21 00:00
Date Received: 08/11/21 14:38
Sample Depth: - 5

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		08/12/21 09:00	08/13/21 00:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/12/21 09:00	08/13/21 00:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/12/21 09:00	08/13/21 00:44	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/12/21 09:00	08/13/21 00:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/12/21 09:00	08/13/21 00:44	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/12/21 09:00	08/13/21 00:44	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		08/12/21 09:00	08/13/21 00:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*	*08/12/21 09:00*	*08/13/21 00:44*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*08/12/21 09:00*	*08/13/21 00:44*	*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		08/13/21 10:11	08/13/21 21:32	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/13/21 10:11	08/13/21 21:32	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/13/21 10:11	08/13/21 21:32	1
Total TPH	<49.9	U	49.9		mg/Kg		08/13/21 10:11	08/13/21 21:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*77*		*70 - 130*	*08/13/21 10:11*	*08/13/21 21:32*	*1*
o-Terphenyl	*75*		*70 - 130*	*08/13/21 10:11*	*08/13/21 21:32*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8.79**		4.99		mg/Kg			08/14/21 00:22	1

Client Sample ID: BH-40 (2)

Lab Sample ID: 890-1093-5
Matrix: Solid
Date Collected: 08/11/21 00:00
Date Received: 08/11/21 14:38
Sample Depth: - 2

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		08/12/21 09:00	08/13/21 01:04	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/12/21 09:00	08/13/21 01:04	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/12/21 09:00	08/13/21 01:04	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/12/21 09:00	08/13/21 01:04	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/12/21 09:00	08/13/21 01:04	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/12/21 09:00	08/13/21 01:04	1
Total BTEX	<0.00404	U	0.00404		mg/Kg		08/12/21 09:00	08/13/21 01:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*	*08/12/21 09:00*	*08/13/21 01:04*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*08/12/21 09:00*	*08/13/21 01:04*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1093-1
SDG: Eddy County NM

Client Sample ID: BH-40 (2)

Lab Sample ID: 890-1093-5
Matrix: Solid
Date Collected: 08/11/21 00:00
Date Received: 08/11/21 14:38
Sample Depth: - 2

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		08/13/21 10:11	08/13/21 21:53	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/13/21 10:11	08/13/21 21:53	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/13/21 10:11	08/13/21 21:53	1
Total TPH	<49.8	U	49.8		mg/Kg		08/13/21 10:11	08/13/21 21:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*70 - 130*	*08/13/21 10:11*	*08/13/21 21:53*	*1*
o-Terphenyl	*109*		*70 - 130*	*08/13/21 10:11*	*08/13/21 21:53*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6.23**		5.02		mg/Kg			08/14/21 00:28	1

Client Sample ID: BH-41 (4)

Lab Sample ID: 890-1093-6
Matrix: Solid
Date Collected: 08/11/21 00:00
Date Received: 08/11/21 14:38
Sample Depth: - 4

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		08/12/21 09:00	08/13/21 01:24	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/12/21 09:00	08/13/21 01:24	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/12/21 09:00	08/13/21 01:24	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		08/12/21 09:00	08/13/21 01:24	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/12/21 09:00	08/13/21 01:24	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		08/12/21 09:00	08/13/21 01:24	1
Total BTEX	<0.00403	U	0.00403		mg/Kg		08/12/21 09:00	08/13/21 01:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*131*	*S1+*	*70 - 130*	*08/12/21 09:00*	*08/13/21 01:24*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*08/12/21 09:00*	*08/13/21 01:24*	*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		08/13/21 10:11	08/13/21 22:14	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/13/21 10:11	08/13/21 22:14	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/13/21 10:11	08/13/21 22:14	1
Total TPH	<49.9	U	49.9		mg/Kg		08/13/21 10:11	08/13/21 22:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*103*		*70 - 130*	*08/13/21 10:11*	*08/13/21 22:14*	*1*
o-Terphenyl	*115*		*70 - 130*	*08/13/21 10:11*	*08/13/21 22:14*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7.23**		4.99		mg/Kg			08/14/21 00:44	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1093-1
SDG: Eddy County NM

Client Sample ID: BH-42 (2)

Lab Sample ID: 890-1093-7
Matrix: Solid
Date Collected: 08/11/21 00:00
Date Received: 08/11/21 14:38
Sample Depth: - 2

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		08/12/21 09:00	08/13/21 01:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/12/21 09:00	08/13/21 01:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/12/21 09:00	08/13/21 01:45	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/12/21 09:00	08/13/21 01:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/12/21 09:00	08/13/21 01:45	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/12/21 09:00	08/13/21 01:45	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		08/12/21 09:00	08/13/21 01:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*127*		*70 - 130*	*08/12/21 09:00*	*08/13/21 01:45*	*1*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*	*08/12/21 09:00*	*08/13/21 01:45*	*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		08/13/21 10:11	08/13/21 22:36	1
Diesel Range Organics (Over C10-C28)	**52.9**		49.8		mg/Kg		08/13/21 10:11	08/13/21 22:36	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/13/21 10:11	08/13/21 22:36	1
Total TPH	**52.9**		49.8		mg/Kg		08/13/21 10:11	08/13/21 22:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*08/13/21 10:11*	*08/13/21 22:36*	*1*
o-Terphenyl	*109*		*70 - 130*	*08/13/21 10:11*	*08/13/21 22:36*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7.85**		5.00		mg/Kg			08/14/21 00:50	1

Client Sample ID: SW-42(6)

Lab Sample ID: 890-1093-8
Matrix: Solid
Date Collected: 08/11/21 00:00
Date Received: 08/11/21 14:38
Sample Depth: - 6

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		08/12/21 09:00	08/13/21 02:05	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/12/21 09:00	08/13/21 02:05	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/12/21 09:00	08/13/21 02:05	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		08/12/21 09:00	08/13/21 02:05	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/12/21 09:00	08/13/21 02:05	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/12/21 09:00	08/13/21 02:05	1
Total BTEX	<0.00396	U	0.00396		mg/Kg		08/12/21 09:00	08/13/21 02:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*	*08/12/21 09:00*	*08/13/21 02:05*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*08/12/21 09:00*	*08/13/21 02:05*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1093-1
SDG: Eddy County NM

Client Sample ID: SW-42(6)

Lab Sample ID: 890-1093-8
Matrix: Solid
Date Collected: 08/11/21 00:00
Date Received: 08/11/21 14:38
Sample Depth: - 6

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		08/13/21 10:11	08/13/21 22:57	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/13/21 10:11	08/13/21 22:57	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/13/21 10:11	08/13/21 22:57	1
Total TPH	<49.9	U	49.9		mg/Kg		08/13/21 10:11	08/13/21 22:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*08/13/21 10:11*	*08/13/21 22:57*	*1*
o-Terphenyl	*112*		*70 - 130*	*08/13/21 10:11*	*08/13/21 22:57*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8.09**		5.00		mg/Kg			08/14/21 00:55	1

Client Sample ID: SW-43 (6)

Lab Sample ID: 890-1093-9
Matrix: Solid
Date Collected: 08/11/21 00:00
Date Received: 08/11/21 14:38
Sample Depth: - 6

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		08/12/21 09:00	08/13/21 02:26	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/12/21 09:00	08/13/21 02:26	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/12/21 09:00	08/13/21 02:26	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/12/21 09:00	08/13/21 02:26	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/12/21 09:00	08/13/21 02:26	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/12/21 09:00	08/13/21 02:26	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		08/12/21 09:00	08/13/21 02:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*08/12/21 09:00*	*08/13/21 02:26*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*08/12/21 09:00*	*08/13/21 02:26*	*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		08/13/21 10:11	08/13/21 23:18	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/13/21 10:11	08/13/21 23:18	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/13/21 10:11	08/13/21 23:18	1
Total TPH	<49.9	U	49.9		mg/Kg		08/13/21 10:11	08/13/21 23:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*08/13/21 10:11*	*08/13/21 23:18*	*1*
o-Terphenyl	*110*		*70 - 130*	*08/13/21 10:11*	*08/13/21 23:18*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9.58**		4.98		mg/Kg			08/14/21 01:01	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1093-1
SDG: Eddy County NM

Client Sample ID: SW-44 (6)

Lab Sample ID: 890-1093-10
Matrix: Solid
Date Collected: 08/11/21 00:00
Date Received: 08/11/21 14:38
Sample Depth: - 6

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		08/12/21 09:00	08/13/21 02:46	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/12/21 09:00	08/13/21 02:46	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/12/21 09:00	08/13/21 02:46	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/12/21 09:00	08/13/21 02:46	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/12/21 09:00	08/13/21 02:46	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/12/21 09:00	08/13/21 02:46	1
Total BTEX	<0.00404	U	0.00404		mg/Kg		08/12/21 09:00	08/13/21 02:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*08/12/21 09:00*	*08/13/21 02:46*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*08/12/21 09:00*	*08/13/21 02:46*	*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		08/13/21 10:11	08/13/21 23:39	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/13/21 10:11	08/13/21 23:39	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/13/21 10:11	08/13/21 23:39	1
Total TPH	<49.8	U	49.8		mg/Kg		08/13/21 10:11	08/13/21 23:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*103*		*70 - 130*	*08/13/21 10:11*	*08/13/21 23:39*	*1*
o-Terphenyl	*115*		*70 - 130*	*08/13/21 10:11*	*08/13/21 23:39*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10.2**		4.97		mg/Kg			08/14/21 01:06	1

Client Sample ID: SW-45 (3)

Lab Sample ID: 890-1093-11
Matrix: Solid
Date Collected: 08/11/21 00:00
Date Received: 08/11/21 14:38
Sample Depth: - 3

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		08/12/21 09:00	08/13/21 04:08	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/12/21 09:00	08/13/21 04:08	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/12/21 09:00	08/13/21 04:08	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/12/21 09:00	08/13/21 04:08	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/12/21 09:00	08/13/21 04:08	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/12/21 09:00	08/13/21 04:08	1
Total BTEX	<0.00404	U	0.00404		mg/Kg		08/12/21 09:00	08/13/21 04:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*08/12/21 09:00*	*08/13/21 04:08*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*08/12/21 09:00*	*08/13/21 04:08*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1093-1
SDG: Eddy County NM

Client Sample ID: SW-45 (3)

Lab Sample ID: 890-1093-11
Matrix: Solid
Date Collected: 08/11/21 00:00
Date Received: 08/11/21 14:38
Sample Depth: - 3

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		08/13/21 10:11	08/14/21 00:22	1
Diesel Range Organics (Over C10-C28)	**58.1**		50.0		mg/Kg		08/13/21 10:11	08/14/21 00:22	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/13/21 10:11	08/14/21 00:22	1
Total TPH	**58.1**		50.0		mg/Kg		08/13/21 10:11	08/14/21 00:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*08/13/21 10:11*	*08/14/21 00:22*	*1*
o-Terphenyl	*105*		*70 - 130*	*08/13/21 10:11*	*08/14/21 00:22*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**11.2**		4.95		mg/Kg			08/14/21 01:12	1

Client Sample ID: SW-50 (2)

Lab Sample ID: 890-1093-12
Matrix: Solid
Date Collected: 08/11/21 00:00
Date Received: 08/11/21 14:38
Sample Depth: - 2

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		08/12/21 09:00	08/13/21 04:28	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/12/21 09:00	08/13/21 04:28	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/12/21 09:00	08/13/21 04:28	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		08/12/21 09:00	08/13/21 04:28	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/12/21 09:00	08/13/21 04:28	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/12/21 09:00	08/13/21 04:28	1
Total BTEX	<0.00396	U	0.00396		mg/Kg		08/12/21 09:00	08/13/21 04:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*08/12/21 09:00*	*08/13/21 04:28*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*08/12/21 09:00*	*08/13/21 04:28*	*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		08/13/21 10:11	08/14/21 00:43	1
Diesel Range Organics (Over C10-C28)	**1810**		50.0		mg/Kg		08/13/21 10:11	08/14/21 00:43	1
Oil Range Organics (Over C28-C36)	**215**		50.0		mg/Kg		08/13/21 10:11	08/14/21 00:43	1
Total TPH	**2030**		50.0		mg/Kg		08/13/21 10:11	08/14/21 00:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*72*		*70 - 130*	*08/13/21 10:11*	*08/14/21 00:43*	*1*
o-Terphenyl	*72*		*70 - 130*	*08/13/21 10:11*	*08/14/21 00:43*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**12.7**		5.04		mg/Kg			08/14/21 01:28	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1093-1
SDG: Eddy County NM

Client Sample ID: SW-51 (2)

Lab Sample ID: 890-1093-13
Matrix: Solid
Date Collected: 08/11/21 00:00
Date Received: 08/11/21 14:38
Sample Depth: - 2

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		08/12/21 09:00	08/13/21 04:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/12/21 09:00	08/13/21 04:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/12/21 09:00	08/13/21 04:49	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/12/21 09:00	08/13/21 04:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/12/21 09:00	08/13/21 04:49	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/12/21 09:00	08/13/21 04:49	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		08/12/21 09:00	08/13/21 04:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*08/12/21 09:00*	*08/13/21 04:49*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*08/12/21 09:00*	*08/13/21 04:49*	*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		08/13/21 10:11	08/14/21 01:04	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/13/21 10:11	08/14/21 01:04	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/13/21 10:11	08/14/21 01:04	1
Total TPH	<49.9	U	49.9		mg/Kg		08/13/21 10:11	08/14/21 01:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*67*	*S1-*	*70 - 130*	*08/13/21 10:11*	*08/14/21 01:04*	*1*
o-Terphenyl	*67*	*S1-*	*70 - 130*	*08/13/21 10:11*	*08/14/21 01:04*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5.18**		5.01		mg/Kg			08/14/21 01:34	1

Client Sample ID: SW-52 (2)

Lab Sample ID: 890-1093-14
Matrix: Solid
Date Collected: 08/11/21 00:00
Date Received: 08/11/21 14:38
Sample Depth: - 2

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		08/12/21 09:00	08/13/21 05:09	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/12/21 09:00	08/13/21 05:09	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/12/21 09:00	08/13/21 05:09	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		08/12/21 09:00	08/13/21 05:09	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/12/21 09:00	08/13/21 05:09	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/12/21 09:00	08/13/21 05:09	1
Total BTEX	<0.00396	U	0.00396		mg/Kg		08/12/21 09:00	08/13/21 05:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*	*08/12/21 09:00*	*08/13/21 05:09*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*08/12/21 09:00*	*08/13/21 05:09*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1093-1
SDG: Eddy County NM

Client Sample ID: SW-52 (2)

Lab Sample ID: 890-1093-14
Matrix: Solid
Date Collected: 08/11/21 00:00
Date Received: 08/11/21 14:38
Sample Depth: - 2

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		08/13/21 10:11	08/14/21 01:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/13/21 10:11	08/14/21 01:26	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/13/21 10:11	08/14/21 01:26	1
Total TPH	<49.9	U	49.9		mg/Kg		08/13/21 10:11	08/14/21 01:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*89*		*70 - 130*	*08/13/21 10:11*	*08/14/21 01:26*	*1*
o-Terphenyl	*97*		*70 - 130*	*08/13/21 10:11*	*08/14/21 01:26*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5.93**		4.98		mg/Kg			08/14/21 01:50	1

Client Sample ID: SW-53 (4)

Lab Sample ID: 890-1093-15
Matrix: Solid
Date Collected: 08/11/21 00:00
Date Received: 08/11/21 14:38
Sample Depth: - 4

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		08/12/21 09:00	08/13/21 05:29	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/12/21 09:00	08/13/21 05:29	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/12/21 09:00	08/13/21 05:29	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/12/21 09:00	08/13/21 05:29	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/12/21 09:00	08/13/21 05:29	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/12/21 09:00	08/13/21 05:29	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		08/12/21 09:00	08/13/21 05:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*	*08/12/21 09:00*	*08/13/21 05:29*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*08/12/21 09:00*	*08/13/21 05:29*	*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		08/13/21 10:11	08/14/21 01:47	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/13/21 10:11	08/14/21 01:47	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/13/21 10:11	08/14/21 01:47	1
Total TPH	<49.8	U	49.8		mg/Kg		08/13/21 10:11	08/14/21 01:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*88*		*70 - 130*	*08/13/21 10:11*	*08/14/21 01:47*	*1*
o-Terphenyl	*91*		*70 - 130*	*08/13/21 10:11*	*08/14/21 01:47*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8.26**		4.99		mg/Kg			08/14/21 01:55	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1093-1
SDG: Eddy County NM

Client Sample ID: SW-54 (4)

Lab Sample ID: 890-1093-16
Matrix: Solid
Date Collected: 08/11/21 00:00
Date Received: 08/11/21 14:38
Sample Depth: - 4

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		08/12/21 09:00	08/13/21 05:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/12/21 09:00	08/13/21 05:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/12/21 09:00	08/13/21 05:50	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/12/21 09:00	08/13/21 05:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/12/21 09:00	08/13/21 05:50	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/12/21 09:00	08/13/21 05:50	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		08/12/21 09:00	08/13/21 05:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*08/12/21 09:00*	*08/13/21 05:50*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*08/12/21 09:00*	*08/13/21 05:50*	*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		08/13/21 10:11	08/14/21 02:08	1
Diesel Range Organics (Over C10-C28)	**186**		49.9		mg/Kg		08/13/21 10:11	08/14/21 02:08	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/13/21 10:11	08/14/21 02:08	1
Total TPH	**186**		49.9		mg/Kg		08/13/21 10:11	08/14/21 02:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*08/13/21 10:11*	*08/14/21 02:08*	*1*
o-Terphenyl	*98*		*70 - 130*	*08/13/21 10:11*	*08/14/21 02:08*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7.07**		5.05		mg/Kg			08/14/21 02:01	1

Client Sample ID: SW-55 (5)

Lab Sample ID: 890-1093-17
Matrix: Solid
Date Collected: 08/11/21 00:00
Date Received: 08/11/21 14:38
Sample Depth: - 5

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		08/12/21 09:00	08/13/21 06:10	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/12/21 09:00	08/13/21 06:10	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/12/21 09:00	08/13/21 06:10	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/12/21 09:00	08/13/21 06:10	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/12/21 09:00	08/13/21 06:10	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/12/21 09:00	08/13/21 06:10	1
Total BTEX	<0.00404	U	0.00404		mg/Kg		08/12/21 09:00	08/13/21 06:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*	*08/12/21 09:00*	*08/13/21 06:10*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*08/12/21 09:00*	*08/13/21 06:10*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1093-1
SDG: Eddy County NM

Client Sample ID: SW-55 (5)

Lab Sample ID: 890-1093-17
Matrix: Solid
Date Collected: 08/11/21 00:00
Date Received: 08/11/21 14:38
Sample Depth: - 5

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		08/13/21 10:11	08/14/21 02:29	1
Diesel Range Organics (Over C10-C28)	**111**		50.0		mg/Kg		08/13/21 10:11	08/14/21 02:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/13/21 10:11	08/14/21 02:29	1
Total TPH	**111**		50.0		mg/Kg		08/13/21 10:11	08/14/21 02:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 130*	*08/13/21 10:11*	*08/14/21 02:29*	*1*
o-Terphenyl	*100*		*70 - 130*	*08/13/21 10:11*	*08/14/21 02:29*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7.56**		4.98		mg/Kg			08/14/21 02:06	1

Client Sample ID: SW-56 (2)

Lab Sample ID: 890-1093-18
Matrix: Solid
Date Collected: 08/11/21 00:00
Date Received: 08/11/21 14:38
Sample Depth: - 2

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		08/12/21 09:00	08/13/21 06:31	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/12/21 09:00	08/13/21 06:31	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/12/21 09:00	08/13/21 06:31	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/12/21 09:00	08/13/21 06:31	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/12/21 09:00	08/13/21 06:31	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/12/21 09:00	08/13/21 06:31	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		08/12/21 09:00	08/13/21 06:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*	*08/12/21 09:00*	*08/13/21 06:31*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*08/12/21 09:00*	*08/13/21 06:31*	*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		08/13/21 10:11	08/14/21 02:51	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/13/21 10:11	08/14/21 02:51	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/13/21 10:11	08/14/21 02:51	1
Total TPH	<49.8	U	49.8		mg/Kg		08/13/21 10:11	08/14/21 02:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*65*	*S1-*	*70 - 130*	*08/13/21 10:11*	*08/14/21 02:51*	*1*
o-Terphenyl	*67*	*S1-*	*70 - 130*	*08/13/21 10:11*	*08/14/21 02:51*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8.37**		4.95		mg/Kg			08/14/21 02:12	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1093-1
SDG: Eddy County NM

Client Sample ID: SW-57 (2)

Date Collected: 08/11/21 00:00
Date Received: 08/11/21 14:38
Sample Depth: - 2

Lab Sample ID: 890-1093-19

Matrix: Solid

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		08/12/21 09:00	08/13/21 06:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/12/21 09:00	08/13/21 06:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/12/21 09:00	08/13/21 06:51	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/12/21 09:00	08/13/21 06:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/12/21 09:00	08/13/21 06:51	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/12/21 09:00	08/13/21 06:51	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		08/12/21 09:00	08/13/21 06:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*08/12/21 09:00*	*08/13/21 06:51*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*08/12/21 09:00*	*08/13/21 06:51*	*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		08/13/21 10:11	08/14/21 03:12	1
Diesel Range Organics (Over C10-C28)	**358**		50.0		mg/Kg		08/13/21 10:11	08/14/21 03:12	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/13/21 10:11	08/14/21 03:12	1
Total TPH	**358**		50.0		mg/Kg		08/13/21 10:11	08/14/21 03:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*79*		*70 - 130*	*08/13/21 10:11*	*08/14/21 03:12*	*1*
o-Terphenyl	*85*		*70 - 130*	*08/13/21 10:11*	*08/14/21 03:12*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6.43**		5.00		mg/Kg			08/14/21 02:17	1

Surrogate Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1093-1
SDG: Eddy County NM

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)										
890-1093-1	BH-35 (3)	115	103										
890-1093-1 MS	BH-35 (3)	111	108										
890-1093-1 MSD	BH-35 (3)	111	107										
890-1093-2	BH-37 (6)	124	101										
890-1093-3	BH-38 (4)	121	105										
890-1093-4	BH-39 (5)	124	104										
890-1093-5	BH-40 (2)	123	100										
890-1093-6	BH-41 (4)	131 S1+	102										
890-1093-7	BH-42 (2)	127	82										
890-1093-8	SW-42(6)	121	104										
890-1093-9	SW-43 (6)	120	91										
890-1093-10	SW-44 (6)	93	86										
890-1093-11	SW-45 (3)	108	101										
890-1093-12	SW-50 (2)	122	86										
890-1093-13	SW-51 (2)	111	94										
890-1093-14	SW-52 (2)	123	97										
890-1093-15	SW-53 (4)	118	97										
890-1093-16	SW-54 (4)	119	96										
890-1093-17	SW-55 (5)	121	94										
890-1093-18	SW-56 (2)	125	100										
890-1093-19	SW-57 (2)	114	91										
LCS 880-6406/1-A	Lab Control Sample	114	103										
LCSD 880-6406/2-A	Lab Control Sample Dup	112	106										
MB 880-6380/5-A	Method Blank	107	99										
MB 880-6406/5-A	Method Blank	128	96										

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)											
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)										
890-1093-1	BH-35 (3)	79	84										
890-1093-1 MS	BH-35 (3)	60 S1-	56 S1-										
890-1093-1 MSD	BH-35 (3)	30 S1-	25 S1-										
890-1093-2	BH-37 (6)	68 S1-	70										
890-1093-3	BH-38 (4)	89	98										
890-1093-4	BH-39 (5)	77	75										
890-1093-5	BH-40 (2)	100	109										
890-1093-6	BH-41 (4)	103	115										
890-1093-7	BH-42 (2)	101	109										
890-1093-8	SW-42(6)	102	112										
890-1093-9	SW-43 (6)	99	110										
890-1093-10	SW-44 (6)	103	115										
890-1093-11	SW-45 (3)	96	105										
890-1093-12	SW-50 (2)	72	72										

Surrogate Summary

Client: Tetra Tech, Inc. Job ID: 890-1093-1
Project/Site: Falcon CDP SDG: Eddy County NM

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)											
		1CO1	OTPH1										
Lab Sample ID	Client Sample ID	(70-130)	(70-130)										
890-1093-13	SW-51 (2)	67 S1-	67 S1-										
890-1093-14	SW-52 (2)	89	97										
890-1093-15	SW-53 (4)	88	91										
890-1093-16	SW-54 (4)	96	98										
890-1093-17	SW-55 (5)	92	100										
890-1093-18	SW-56 (2)	65 S1-	67 S1-										
890-1093-19	SW-57 (2)	79	85										
LCS 880-6515/2-A	Lab Control Sample	99	104										
LCSD 880-6515/3-A	Lab Control Sample Dup	95	98										
MB 880-6515/1-A	Method Blank	110	125										

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1093-1
SDG: Eddy County NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-6380/5-A
Matrix: Solid
Analysis Batch: 6428

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 6380

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/12/21 10:00	08/12/21 12:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/12/21 10:00	08/12/21 12:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/12/21 10:00	08/12/21 12:30	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/12/21 10:00	08/12/21 12:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/12/21 10:00	08/12/21 12:30	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/12/21 10:00	08/12/21 12:30	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		08/12/21 10:00	08/12/21 12:30	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*08/12/21 10:00*	*08/12/21 12:30*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*08/12/21 10:00*	*08/12/21 12:30*	*1*

Lab Sample ID: MB 880-6406/5-A
Matrix: Solid
Analysis Batch: 6428

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 6406

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/12/21 09:00	08/12/21 23:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/12/21 09:00	08/12/21 23:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/12/21 09:00	08/12/21 23:21	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/12/21 09:00	08/12/21 23:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/12/21 09:00	08/12/21 23:21	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/12/21 09:00	08/12/21 23:21	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		08/12/21 09:00	08/12/21 23:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*128*		*70 - 130*	*08/12/21 09:00*	*08/12/21 23:21*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*08/12/21 09:00*	*08/12/21 23:21*	*1*

Lab Sample ID: LCS 880-6406/1-A
Matrix: Solid
Analysis Batch: 6428

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 6406

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.09783		mg/Kg		98	70 - 130
Toluene	0.100	0.09029		mg/Kg		90	70 - 130
Ethylbenzene	0.100	0.08969		mg/Kg		90	70 - 130
m-Xylene & p-Xylene	0.200	0.1820		mg/Kg		91	70 - 130
o-Xylene	0.100	0.09233		mg/Kg		92	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1093-1
SDG: Eddy County NM

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

Lab Sample ID: LCSD 880-6406/2-A
Matrix: Solid
Analysis Batch: 6428

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 6406

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			0.100	0.1056		mg/Kg		106	70 - 130	8	35
Toluene			0.100	0.09729		mg/Kg		97	70 - 130	7	35
Ethylbenzene			0.100	0.09521		mg/Kg		95	70 - 130	6	35
m-Xylene & p-Xylene			0.200	0.1937		mg/Kg		97	70 - 130	6	35
o-Xylene			0.100	0.09810		mg/Kg		98	70 - 130	6	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*

Lab Sample ID: 890-1093-1 MS
Matrix: Solid
Analysis Batch: 6428

Client Sample ID: BH-35 (3)
Prep Type: Total/NA
Prep Batch: 6406

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00200	U	0.100	0.09100		mg/Kg		91	70 - 130
Toluene	<0.00200	U	0.100	0.08111		mg/Kg		81	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.07627		mg/Kg		76	70 - 130
m-Xylene & p-Xylene	<0.00401	U	0.200	0.1546		mg/Kg		77	70 - 130
o-Xylene	<0.00200	U	0.100	0.07750		mg/Kg		77	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*

Lab Sample ID: 890-1093-1 MSD
Matrix: Solid
Analysis Batch: 6428

Client Sample ID: BH-35 (3)
Prep Type: Total/NA
Prep Batch: 6406

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0996	0.08836		mg/Kg		89	70 - 130	3	35
Toluene	<0.00200	U	0.0996	0.08036		mg/Kg		81	70 - 130	1	35
Ethylbenzene	<0.00200	U	0.0996	0.07555		mg/Kg		76	70 - 130	1	35
m-Xylene & p-Xylene	<0.00401	U	0.199	0.1533		mg/Kg		77	70 - 130	1	35
o-Xylene	<0.00200	U	0.0996	0.07673		mg/Kg		77	70 - 130	1	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1093-1
SDG: Eddy County NM

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

Lab Sample ID: MB 880-6515/1-A
Matrix: Solid
Analysis Batch: 6490

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 6515

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		08/13/21 10:11	08/13/21 18:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/13/21 10:11	08/13/21 18:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/13/21 10:11	08/13/21 18:41	1
Total TPH	<50.0	U	50.0		mg/Kg		08/13/21 10:11	08/13/21 18:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*110*		*70 - 130*	*08/13/21 10:11*	*08/13/21 18:41*	*1*
o-Terphenyl	*125*		*70 - 130*	*08/13/21 10:11*	*08/13/21 18:41*	*1*

Lab Sample ID: LCS 880-6515/2-A
Matrix: Solid
Analysis Batch: 6490

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 6515

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	794.9		mg/Kg		79	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1027		mg/Kg		103	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*99*		*70 - 130*
o-Terphenyl	*104*		*70 - 130*

Lab Sample ID: LCSD 880-6515/3-A
Matrix: Solid
Analysis Batch: 6490

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 6515

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	814.5		mg/Kg		81	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	976.8		mg/Kg		98	70 - 130	5	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*95*		*70 - 130*
o-Terphenyl	*98*		*70 - 130*

Lab Sample ID: 890-1093-1 MS
Matrix: Solid
Analysis Batch: 6490

Client Sample ID: BH-35 (3)
Prep Type: Total/NA
Prep Batch: 6515

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1 F2	995	562.8	F1	mg/Kg		53	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U F1 F2	995	647.5	F1	mg/Kg		60	70 - 130		

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QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1093-1
SDG: Eddy County NM

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

Lab Sample ID: 890-1093-1 MS
Matrix: Solid
Analysis Batch: 6490

Client Sample ID: BH-35 (3)
Prep Type: Total/NA
Prep Batch: 6515

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	60	S1-	70 - 130
o-Terphenyl	56	S1-	70 - 130

Lab Sample ID: 890-1093-1 MSD
Matrix: Solid
Analysis Batch: 6490

Client Sample ID: BH-35 (3)
Prep Type: Total/NA
Prep Batch: 6515

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1 F2	998	322.2	F1 F2	mg/Kg		29	70 - 130	54	20
Diesel Range Organics (Over C10-C28)	<50.0	U F1 F2	998	301.7	F1 F2	mg/Kg		25	70 - 130	73	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	30	S1-	70 - 130
o-Terphenyl	25	S1-	70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-6453/1-A
Matrix: Solid
Analysis Batch: 6526

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			08/13/21 23:39	1

Lab Sample ID: LCS 880-6453/2-A
Matrix: Solid
Analysis Batch: 6526

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	255.7		mg/Kg		102	90 - 110

Lab Sample ID: LCSD 880-6453/3-A
Matrix: Solid
Analysis Batch: 6526

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	255.4		mg/Kg		102	90 - 110	0	20

Lab Sample ID: 890-1093-1 MS
Matrix: Solid
Analysis Batch: 6526

Client Sample ID: BH-35 (3)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	<4.96	U	248	252.0		mg/Kg		101	90 - 110

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1093-1
SDG: Eddy County NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-1093-1 MSD
Matrix: Solid
Analysis Batch: 6526

Client Sample ID: BH-35 (3)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	<4.96	U	248	252.8		mg/Kg		101	90 - 110	0	20

Lab Sample ID: 890-1093-11 MS
Matrix: Solid
Analysis Batch: 6526

Client Sample ID: SW-45 (3)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	11.2		248	260.8		mg/Kg		101	90 - 110

Lab Sample ID: 890-1093-11 MSD
Matrix: Solid
Analysis Batch: 6526

Client Sample ID: SW-45 (3)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	11.2		248	257.6		mg/Kg		100	90 - 110	1	20

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1093-1
SDG: Eddy County NM

GC VOA

Prep Batch: 6380

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-6380/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 6406

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1093-1	BH-35 (3)	Total/NA	Solid	5035	
890-1093-2	BH-37 (6)	Total/NA	Solid	5035	
890-1093-3	BH-38 (4)	Total/NA	Solid	5035	
890-1093-4	BH-39 (5)	Total/NA	Solid	5035	
890-1093-5	BH-40 (2)	Total/NA	Solid	5035	
890-1093-6	BH-41 (4)	Total/NA	Solid	5035	
890-1093-7	BH-42 (2)	Total/NA	Solid	5035	
890-1093-8	SW-42(6)	Total/NA	Solid	5035	
890-1093-9	SW-43 (6)	Total/NA	Solid	5035	
890-1093-10	SW-44 (6)	Total/NA	Solid	5035	
890-1093-11	SW-45 (3)	Total/NA	Solid	5035	
890-1093-12	SW-50 (2)	Total/NA	Solid	5035	
890-1093-13	SW-51 (2)	Total/NA	Solid	5035	
890-1093-14	SW-52 (2)	Total/NA	Solid	5035	
890-1093-15	SW-53 (4)	Total/NA	Solid	5035	
890-1093-16	SW-54 (4)	Total/NA	Solid	5035	
890-1093-17	SW-55 (5)	Total/NA	Solid	5035	
890-1093-18	SW-56 (2)	Total/NA	Solid	5035	
890-1093-19	SW-57 (2)	Total/NA	Solid	5035	
MB 880-6406/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-6406/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-6406/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-1093-1 MS	BH-35 (3)	Total/NA	Solid	5035	
890-1093-1 MSD	BH-35 (3)	Total/NA	Solid	5035	

Analysis Batch: 6428

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1093-1	BH-35 (3)	Total/NA	Solid	8021B	6406
890-1093-2	BH-37 (6)	Total/NA	Solid	8021B	6406
890-1093-3	BH-38 (4)	Total/NA	Solid	8021B	6406
890-1093-4	BH-39 (5)	Total/NA	Solid	8021B	6406
890-1093-5	BH-40 (2)	Total/NA	Solid	8021B	6406
890-1093-6	BH-41 (4)	Total/NA	Solid	8021B	6406
890-1093-7	BH-42 (2)	Total/NA	Solid	8021B	6406
890-1093-8	SW-42(6)	Total/NA	Solid	8021B	6406
890-1093-9	SW-43 (6)	Total/NA	Solid	8021B	6406
890-1093-10	SW-44 (6)	Total/NA	Solid	8021B	6406
890-1093-11	SW-45 (3)	Total/NA	Solid	8021B	6406
890-1093-12	SW-50 (2)	Total/NA	Solid	8021B	6406
890-1093-13	SW-51 (2)	Total/NA	Solid	8021B	6406
890-1093-14	SW-52 (2)	Total/NA	Solid	8021B	6406
890-1093-15	SW-53 (4)	Total/NA	Solid	8021B	6406
890-1093-16	SW-54 (4)	Total/NA	Solid	8021B	6406
890-1093-17	SW-55 (5)	Total/NA	Solid	8021B	6406
890-1093-18	SW-56 (2)	Total/NA	Solid	8021B	6406
890-1093-19	SW-57 (2)	Total/NA	Solid	8021B	6406
MB 880-6380/5-A	Method Blank	Total/NA	Solid	8021B	6380

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1093-1
SDG: Eddy County NM

GC VOA (Continued)

Analysis Batch: 6428 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-6406/5-A	Method Blank	Total/NA	Solid	8021B	6406
LCS 880-6406/1-A	Lab Control Sample	Total/NA	Solid	8021B	6406
LCSD 880-6406/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	6406
890-1093-1 MS	BH-35 (3)	Total/NA	Solid	8021B	6406
890-1093-1 MSD	BH-35 (3)	Total/NA	Solid	8021B	6406

GC Semi VOA

Analysis Batch: 6490

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1093-1	BH-35 (3)	Total/NA	Solid	8015B NM	6515
890-1093-2	BH-37 (6)	Total/NA	Solid	8015B NM	6515
890-1093-3	BH-38 (4)	Total/NA	Solid	8015B NM	6515
890-1093-4	BH-39 (5)	Total/NA	Solid	8015B NM	6515
890-1093-5	BH-40 (2)	Total/NA	Solid	8015B NM	6515
890-1093-6	BH-41 (4)	Total/NA	Solid	8015B NM	6515
890-1093-7	BH-42 (2)	Total/NA	Solid	8015B NM	6515
890-1093-8	SW-42(6)	Total/NA	Solid	8015B NM	6515
890-1093-9	SW-43 (6)	Total/NA	Solid	8015B NM	6515
890-1093-10	SW-44 (6)	Total/NA	Solid	8015B NM	6515
890-1093-11	SW-45 (3)	Total/NA	Solid	8015B NM	6515
890-1093-12	SW-50 (2)	Total/NA	Solid	8015B NM	6515
890-1093-13	SW-51 (2)	Total/NA	Solid	8015B NM	6515
890-1093-14	SW-52 (2)	Total/NA	Solid	8015B NM	6515
890-1093-15	SW-53 (4)	Total/NA	Solid	8015B NM	6515
890-1093-16	SW-54 (4)	Total/NA	Solid	8015B NM	6515
890-1093-17	SW-55 (5)	Total/NA	Solid	8015B NM	6515
890-1093-18	SW-56 (2)	Total/NA	Solid	8015B NM	6515
890-1093-19	SW-57 (2)	Total/NA	Solid	8015B NM	6515
MB 880-6515/1-A	Method Blank	Total/NA	Solid	8015B NM	6515
LCS 880-6515/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	6515
LCSD 880-6515/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	6515
890-1093-1 MS	BH-35 (3)	Total/NA	Solid	8015B NM	6515
890-1093-1 MSD	BH-35 (3)	Total/NA	Solid	8015B NM	6515

Prep Batch: 6515

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1093-1	BH-35 (3)	Total/NA	Solid	8015NM Prep	
890-1093-2	BH-37 (6)	Total/NA	Solid	8015NM Prep	
890-1093-3	BH-38 (4)	Total/NA	Solid	8015NM Prep	
890-1093-4	BH-39 (5)	Total/NA	Solid	8015NM Prep	
890-1093-5	BH-40 (2)	Total/NA	Solid	8015NM Prep	
890-1093-6	BH-41 (4)	Total/NA	Solid	8015NM Prep	
890-1093-7	BH-42 (2)	Total/NA	Solid	8015NM Prep	
890-1093-8	SW-42(6)	Total/NA	Solid	8015NM Prep	
890-1093-9	SW-43 (6)	Total/NA	Solid	8015NM Prep	
890-1093-10	SW-44 (6)	Total/NA	Solid	8015NM Prep	
890-1093-11	SW-45 (3)	Total/NA	Solid	8015NM Prep	
890-1093-12	SW-50 (2)	Total/NA	Solid	8015NM Prep	
890-1093-13	SW-51 (2)	Total/NA	Solid	8015NM Prep	
890-1093-14	SW-52 (2)	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1093-1
SDG: Eddy County NM

GC Semi VOA (Continued)

Prep Batch: 6515 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1093-15	SW-53 (4)	Total/NA	Solid	8015NM Prep	
890-1093-16	SW-54 (4)	Total/NA	Solid	8015NM Prep	
890-1093-17	SW-55 (5)	Total/NA	Solid	8015NM Prep	
890-1093-18	SW-56 (2)	Total/NA	Solid	8015NM Prep	
890-1093-19	SW-57 (2)	Total/NA	Solid	8015NM Prep	
MB 880-6515/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-6515/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-6515/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1093-1 MS	BH-35 (3)	Total/NA	Solid	8015NM Prep	
890-1093-1 MSD	BH-35 (3)	Total/NA	Solid	8015NM Prep	

HPLC/IC

Leach Batch: 6453

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1093-1	BH-35 (3)	Soluble	Solid	DI Leach	
890-1093-2	BH-37 (6)	Soluble	Solid	DI Leach	
890-1093-3	BH-38 (4)	Soluble	Solid	DI Leach	
890-1093-4	BH-39 (5)	Soluble	Solid	DI Leach	
890-1093-5	BH-40 (2)	Soluble	Solid	DI Leach	
890-1093-6	BH-41 (4)	Soluble	Solid	DI Leach	
890-1093-7	BH-42 (2)	Soluble	Solid	DI Leach	
890-1093-8	SW-42(6)	Soluble	Solid	DI Leach	
890-1093-9	SW-43 (6)	Soluble	Solid	DI Leach	
890-1093-10	SW-44 (6)	Soluble	Solid	DI Leach	
890-1093-11	SW-45 (3)	Soluble	Solid	DI Leach	
890-1093-12	SW-50 (2)	Soluble	Solid	DI Leach	
890-1093-13	SW-51 (2)	Soluble	Solid	DI Leach	
890-1093-14	SW-52 (2)	Soluble	Solid	DI Leach	
890-1093-15	SW-53 (4)	Soluble	Solid	DI Leach	
890-1093-16	SW-54 (4)	Soluble	Solid	DI Leach	
890-1093-17	SW-55 (5)	Soluble	Solid	DI Leach	
890-1093-18	SW-56 (2)	Soluble	Solid	DI Leach	
890-1093-19	SW-57 (2)	Soluble	Solid	DI Leach	
MB 880-6453/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-6453/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-6453/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-1093-1 MS	BH-35 (3)	Soluble	Solid	DI Leach	
890-1093-1 MSD	BH-35 (3)	Soluble	Solid	DI Leach	
890-1093-11 MS	SW-45 (3)	Soluble	Solid	DI Leach	
890-1093-11 MSD	SW-45 (3)	Soluble	Solid	DI Leach	

Analysis Batch: 6526

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1093-1	BH-35 (3)	Soluble	Solid	300.0	6453
890-1093-2	BH-37 (6)	Soluble	Solid	300.0	6453
890-1093-3	BH-38 (4)	Soluble	Solid	300.0	6453
890-1093-4	BH-39 (5)	Soluble	Solid	300.0	6453
890-1093-5	BH-40 (2)	Soluble	Solid	300.0	6453
890-1093-6	BH-41 (4)	Soluble	Solid	300.0	6453
890-1093-7	BH-42 (2)	Soluble	Solid	300.0	6453

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1093-1
SDG: Eddy County NM

HPLC/IC (Continued)

Analysis Batch: 6526 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1093-8	SW-42(6)	Soluble	Solid	300.0	6453
890-1093-9	SW-43 (6)	Soluble	Solid	300.0	6453
890-1093-10	SW-44 (6)	Soluble	Solid	300.0	6453
890-1093-11	SW-45 (3)	Soluble	Solid	300.0	6453
890-1093-12	SW-50 (2)	Soluble	Solid	300.0	6453
890-1093-13	SW-51 (2)	Soluble	Solid	300.0	6453
890-1093-14	SW-52 (2)	Soluble	Solid	300.0	6453
890-1093-15	SW-53 (4)	Soluble	Solid	300.0	6453
890-1093-16	SW-54 (4)	Soluble	Solid	300.0	6453
890-1093-17	SW-55 (5)	Soluble	Solid	300.0	6453
890-1093-18	SW-56 (2)	Soluble	Solid	300.0	6453
890-1093-19	SW-57 (2)	Soluble	Solid	300.0	6453
MB 880-6453/1-A	Method Blank	Soluble	Solid	300.0	6453
LCS 880-6453/2-A	Lab Control Sample	Soluble	Solid	300.0	6453
LCSD 880-6453/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	6453
890-1093-1 MS	BH-35 (3)	Soluble	Solid	300.0	6453
890-1093-1 MSD	BH-35 (3)	Soluble	Solid	300.0	6453
890-1093-11 MS	SW-45 (3)	Soluble	Solid	300.0	6453
890-1093-11 MSD	SW-45 (3)	Soluble	Solid	300.0	6453

Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1093-1
Project/Site: Falcon CDP SDG: Eddy County NM

Client Sample ID: BH-35 (3) Lab Sample ID: 890-1093-1

Date Collected: 08/11/21 00:00 **Matrix: Solid**
Date Received: 08/11/21 14:38

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	6406	08/12/21 09:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6428	08/12/21 23:42	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	6515	08/13/21 10:11	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6490	08/13/21 19:45	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	6453	08/12/21 13:35	SC	XEN MID
Soluble	Analysis	300.0		1			6526	08/13/21 23:55	CH	XEN MID

Client Sample ID: BH-37 (6) Lab Sample ID: 890-1093-2

Date Collected: 08/11/21 00:00 **Matrix: Solid**
Date Received: 08/11/21 14:38

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	6406	08/12/21 09:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6428	08/13/21 00:03	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	6515	08/13/21 10:11	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6490	08/13/21 20:49	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	6453	08/12/21 13:35	SC	XEN MID
Soluble	Analysis	300.0		1			6526	08/14/21 00:11	CH	XEN MID

Client Sample ID: BH-38 (4) Lab Sample ID: 890-1093-3

Date Collected: 08/11/21 00:00 **Matrix: Solid**
Date Received: 08/11/21 14:38

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	6406	08/12/21 09:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6428	08/13/21 00:23	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	6515	08/13/21 10:11	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6490	08/13/21 21:11	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	6453	08/12/21 13:35	SC	XEN MID
Soluble	Analysis	300.0		1			6526	08/14/21 00:17	CH	XEN MID

Client Sample ID: BH-39 (5) Lab Sample ID: 890-1093-4

Date Collected: 08/11/21 00:00 **Matrix: Solid**
Date Received: 08/11/21 14:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	6406	08/12/21 09:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6428	08/13/21 00:44	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	6515	08/13/21 10:11	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6490	08/13/21 21:32	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	6453	08/12/21 13:35	SC	XEN MID
Soluble	Analysis	300.0		1			6526	08/14/21 00:22	CH	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1093-1
SDG: Eddy County NM

Client Sample ID: BH-40 (2)

Date Collected: 08/11/21 00:00
Date Received: 08/11/21 14:38

Lab Sample ID: 890-1093-5
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			4.95 g	5 mL	6406	08/12/21 09:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6428	08/13/21 01:04	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	6515	08/13/21 10:11	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6490	08/13/21 21:53	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	6453	08/12/21 13:35	SC	XEN MID
Soluble	Analysis	300.0		1			6526	08/14/21 00:28	CH	XEN MID

Client Sample ID: BH-41 (4)

Date Collected: 08/11/21 00:00
Date Received: 08/11/21 14:38

Lab Sample ID: 890-1093-6
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			4.96 g	5 mL	6406	08/12/21 09:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6428	08/13/21 01:24	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	6515	08/13/21 10:11	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6490	08/13/21 22:14	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	6453	08/12/21 13:35	SC	XEN MID
Soluble	Analysis	300.0		1			6526	08/14/21 00:44	CH	XEN MID

Client Sample ID: BH-42 (2)

Date Collected: 08/11/21 00:00
Date Received: 08/11/21 14:38

Lab Sample ID: 890-1093-7
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	6406	08/12/21 09:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6428	08/13/21 01:45	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	6515	08/13/21 10:11	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6490	08/13/21 22:36	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	6453	08/12/21 13:35	SC	XEN MID
Soluble	Analysis	300.0		1			6526	08/14/21 00:50	CH	XEN MID

Client Sample ID: SW-42(6)

Date Collected: 08/11/21 00:00
Date Received: 08/11/21 14:38

Lab Sample ID: 890-1093-8
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	6406	08/12/21 09:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6428	08/13/21 02:05	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	6515	08/13/21 10:11	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6490	08/13/21 22:57	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	6453	08/12/21 13:35	SC	XEN MID
Soluble	Analysis	300.0		1			6526	08/14/21 00:55	CH	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1093-1
SDG: Eddy County NM

Client Sample ID: SW-43 (6)

Lab Sample ID: 890-1093-9
Matrix: Solid
Date Collected: 08/11/21 00:00
Date Received: 08/11/21 14:38

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	6406	08/12/21 09:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6428	08/13/21 02:26	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	6515	08/13/21 10:11	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6490	08/13/21 23:18	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	6453	08/12/21 13:35	SC	XEN MID
Soluble	Analysis	300.0		1			6526	08/14/21 01:01	CH	XEN MID

Client Sample ID: SW-44 (6)

Lab Sample ID: 890-1093-10
Matrix: Solid
Date Collected: 08/11/21 00:00
Date Received: 08/11/21 14:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	6406	08/12/21 09:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6428	08/13/21 02:46	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	6515	08/13/21 10:11	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6490	08/13/21 23:39	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	6453	08/12/21 13:35	SC	XEN MID
Soluble	Analysis	300.0		1			6526	08/14/21 01:06	CH	XEN MID

Client Sample ID: SW-45 (3)

Lab Sample ID: 890-1093-11
Matrix: Solid
Date Collected: 08/11/21 00:00
Date Received: 08/11/21 14:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	6406	08/12/21 09:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6428	08/13/21 04:08	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	6515	08/13/21 10:11	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6490	08/14/21 00:22	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	6453	08/12/21 13:35	SC	XEN MID
Soluble	Analysis	300.0		1			6526	08/14/21 01:12	CH	XEN MID

Client Sample ID: SW-50 (2)

Lab Sample ID: 890-1093-12
Matrix: Solid
Date Collected: 08/11/21 00:00
Date Received: 08/11/21 14:38

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	6406	08/12/21 09:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6428	08/13/21 04:28	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	6515	08/13/21 10:11	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6490	08/14/21 00:43	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	6453	08/12/21 13:35	SC	XEN MID
Soluble	Analysis	300.0		1			6526	08/14/21 01:28	CH	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1093-1
Project/Site: Falcon CDP SDG: Eddy County NM

Client Sample ID: SW-51 (2) Lab Sample ID: 890-1093-13

Date Collected: 08/11/21 00:00 **Matrix: Solid**
Date Received: 08/11/21 14:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	6406	08/12/21 09:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6428	08/13/21 04:49	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	6515	08/13/21 10:11	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6490	08/14/21 01:04	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	6453	08/12/21 13:35	SC	XEN MID
Soluble	Analysis	300.0		1			6526	08/14/21 01:34	CH	XEN MID

Client Sample ID: SW-52 (2) Lab Sample ID: 890-1093-14

Date Collected: 08/11/21 00:00 **Matrix: Solid**
Date Received: 08/11/21 14:38

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	6406	08/12/21 09:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6428	08/13/21 05:09	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	6515	08/13/21 10:11	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6490	08/14/21 01:26	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	6453	08/12/21 13:35	SC	XEN MID
Soluble	Analysis	300.0		1			6526	08/14/21 01:50	CH	XEN MID

Client Sample ID: SW-53 (4) Lab Sample ID: 890-1093-15

Date Collected: 08/11/21 00:00 **Matrix: Solid**
Date Received: 08/11/21 14:38

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	6406	08/12/21 09:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6428	08/13/21 05:29	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	6515	08/13/21 10:11	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6490	08/14/21 01:47	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	6453	08/12/21 13:35	SC	XEN MID
Soluble	Analysis	300.0		1			6526	08/14/21 01:55	CH	XEN MID

Client Sample ID: SW-54 (4) Lab Sample ID: 890-1093-16

Date Collected: 08/11/21 00:00 **Matrix: Solid**
Date Received: 08/11/21 14:38

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	6406	08/12/21 09:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6428	08/13/21 05:50	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	6515	08/13/21 10:11	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6490	08/14/21 02:08	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	6453	08/12/21 13:35	SC	XEN MID
Soluble	Analysis	300.0		1			6526	08/14/21 02:01	CH	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1093-1
SDG: Eddy County NM

Client Sample ID: SW-55 (5)

Lab Sample ID: 890-1093-17
Matrix: Solid
Date Collected: 08/11/21 00:00
Date Received: 08/11/21 14:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	6406	08/12/21 09:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6428	08/13/21 06:10	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	6515	08/13/21 10:11	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6490	08/14/21 02:29	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	6453	08/12/21 13:35	SC	XEN MID
Soluble	Analysis	300.0		1			6526	08/14/21 02:06	CH	XEN MID

Client Sample ID: SW-56 (2)

Lab Sample ID: 890-1093-18
Matrix: Solid
Date Collected: 08/11/21 00:00
Date Received: 08/11/21 14:38

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	6406	08/12/21 09:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6428	08/13/21 06:31	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	6515	08/13/21 10:11	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6490	08/14/21 02:51	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	6453	08/12/21 13:35	SC	XEN MID
Soluble	Analysis	300.0		1			6526	08/14/21 02:12	CH	XEN MID

Client Sample ID: SW-57 (2)

Lab Sample ID: 890-1093-19
Matrix: Solid
Date Collected: 08/11/21 00:00
Date Received: 08/11/21 14:38

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	6406	08/12/21 09:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6428	08/13/21 06:51	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	6515	08/13/21 10:11	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6490	08/14/21 03:12	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	6453	08/12/21 13:35	SC	XEN MID
Soluble	Analysis	300.0		1			6526	08/14/21 02:17	CH	XEN MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1093-1
SDG: Eddy County NM

Laboratory: Eurofins Xenco, Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-20-21	06-30-22

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
8015B NM	8015NM Prep	Solid	Total TPH
8021B	5035	Solid	Total BTEX

Method Summary

Client: Tetra Tech, Inc. Job ID: 890-1093-1
Project/Site: Falcon CDP SDG: Eddy County NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN 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.

Laboratory References:

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

Sample Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1093-1
SDG: Eddy County NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-1093-1	BH-35 (3)	Solid	08/11/21 00:00	08/11/21 14:38	- 3
890-1093-2	BH-37 (6)	Solid	08/11/21 00:00	08/11/21 14:38	- 6
890-1093-3	BH-38 (4)	Solid	08/11/21 00:00	08/11/21 14:38	- 4
890-1093-4	BH-39 (5)	Solid	08/11/21 00:00	08/11/21 14:38	- 5
890-1093-5	BH-40 (2)	Solid	08/11/21 00:00	08/11/21 14:38	- 2
890-1093-6	BH-41 (4)	Solid	08/11/21 00:00	08/11/21 14:38	- 4
890-1093-7	BH-42 (2)	Solid	08/11/21 00:00	08/11/21 14:38	- 2
890-1093-8	SW-42(6)	Solid	08/11/21 00:00	08/11/21 14:38	- 6
890-1093-9	SW-43 (6)	Solid	08/11/21 00:00	08/11/21 14:38	- 6
890-1093-10	SW-44 (6)	Solid	08/11/21 00:00	08/11/21 14:38	- 6
890-1093-11	SW-45 (3)	Solid	08/11/21 00:00	08/11/21 14:38	- 3
890-1093-12	SW-50 (2)	Solid	08/11/21 00:00	08/11/21 14:38	- 2
890-1093-13	SW-51 (2)	Solid	08/11/21 00:00	08/11/21 14:38	- 2
890-1093-14	SW-52 (2)	Solid	08/11/21 00:00	08/11/21 14:38	- 2
890-1093-15	SW-53 (4)	Solid	08/11/21 00:00	08/11/21 14:38	- 4
890-1093-16	SW-54 (4)	Solid	08/11/21 00:00	08/11/21 14:38	- 4
890-1093-17	SW-55 (5)	Solid	08/11/21 00:00	08/11/21 14:38	- 5
890-1093-18	SW-56 (2)	Solid	08/11/21 00:00	08/11/21 14:38	- 2
890-1093-19	SW-57 (2)	Solid	08/11/21 00:00	08/11/21 14:38	- 2

Page 674 of 821

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

901W Wall Street, Ste 100
Midland,Texas 79705
Tel (432) 682-4559
Fax (432) 682-3946

890-1093 Chain of Custody

Client Name: EnLink	**Site Manager:** Brittany Long
Project Name: Falcon CDP	
Project Location: (county, state) Eddy County, New Mexico	**Project #:** 212C-MD-02376
Invoice to: Mike Luckett - EnLink	
Receiving Laboratory: Eurofins Xenco	**Sampler Signature:** Ezequiel Moreno
Comments:	

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2020 DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD None	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Sulfate	TDS	Chloride	General Water Chemistry (see attached list)	Anion/Cation Balance					Hold
	BH-35 (3')	8/11/2021			X				X				X		X												X										
	BH-37 (6')	8/11/2021			X				X				X		X												X										
	BH-38 (4')	8/11/2021			X				X				X		X												X										
	BH-39 (5')	8/11/2021			X				X				X		X												X										
	BH-40 (2')	8/11/2021			X				X				X		X												X										
	BH-41 (4')	8/11/2021			X				X				X		X												X										
	BH-42 (2')	8/11/2021			X				X				X		X												X										
	SW-42 (6')	8/11/2021			X				X				X		X												X										
	SW-43 (6')	8/11/2021			X				X				X		X												X										
	SW-44 (6')	8/11/2021			X				X				X		X												X										

ANALYSIS REQUEST
(Circle or Specify Method No.)

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Ezequiel Moreno	8/11/21			8.11.21	1432
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

LAB USE ONLY

Sample Temperature
6.2
6.0

REMARKS:

- ☐ STANDARD
- ☒ RUSH: Same Day 24 hr (48 hr) 72 hr
- ☐ Rush Charges Authorized
- ☐ Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #:

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Released to Imaging: 1/6/2022 8:12:55 AM

Page 675 of 821

8/16/2021

Analysis Request of Chain of Custody Record

Page 1 of 2

Tetra Tech, Inc.

901W Wall Street, Ste 100
Midland,Texas 79705
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: EnLink	**Site Manager:** Brittany Long
Project Name: Falcon CDP	
Project Location: (county, state) Eddy County, New Mexico	**Project #:** 212C-MD-02376
Invoice to: Mike Luckett - EnLink	
Receiving Laboratory: Eurofins Xenco	**Sampler Signature:** Ezequiel Moreno
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2020 DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD None		# CONTAINERS	FILTERED (Y/N)	BTEX 8021B	BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Sulfate	TDS	Chloride	General Water Chemistry (see attached list)	Anion/Cation Balance					Hold
	BH-35 (3')	8/11/2021			X				X					X		X												X										
	BH-37 (6')	8/12/2021			X				X					X		X												X										
	BH-38 (4')	8/13/2021			X				X					X		X												X										
	BH-39 (5')	8/14/2021			X				X					X		X												X										
	BH-40 (2')	8/15/2021			X				X					X		X												X										
	BH-41 (4')	8/16/2021			X				X					X		X												X										
	BH-42 (2')	8/17/2021			X				X					X		X												X										
	SW-42 (6')	8/18/2021			X				X					X		X												X										
	SW-43 (6')	8/19/2021			X				X					X		X												X										
	SW-44 (6')	8/20/2021			X				X					X		X												X										

Relinquished by: Ezequiel Moreno	Date: 8/11/21	Time:	Received by:	Date: 8.11.21	Time: 1432
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

LAB USE ONLY

Sample Temperature: 4.1

REMARKS:

- ☐ STANDARD
- ☒ RUSH: Same Day 24 hr (48 hr) 72 hr
- ☐ Rush Charges Authorized
- ☐ Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #:

ORIGINAL COPY

Page 38 of 40

Received by OCD: 9/14/2021 1:19:38 PM

Released to Imaging: 1/6/2022 8:12:55 AM

Login Sample Receipt Checklist

Client: Tetra Tech, Inc.

Job Number: 890-1093-1
SDG Number: Eddy County NM

Login Number: 1093
List Number: 1
Creator: Olivas, Nathaniel

List Source: Eurofins Xenco, 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: Tetra Tech, Inc.

Job Number: 890-1093-1
SDG Number: Eddy County NM

Login Number: 1093
List Number: 2
Creator: Copeland, Tatiana

List Source: Eurofins Xenco, Midland
List Creation: 08/12/21 11:01 AM

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.	True	
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").	True	

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ANALYTICAL REPORT

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

Laboratory Job ID: 890-1101-1
Laboratory Sample Delivery Group: 212C-MD-02376
Client Project/Site: Falcon CDP

For:
Tetra Tech, Inc.
901 W Wall
Ste 100
Midland, Texas 79701

Attn: Clair Gonzales

Authorized for release by:
8/13/2021 7:47:36 PM

Jessica Kramer, Project Manager
(432)704-5440
jessica.kramer@eurofinset.com

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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.

Table of Contents

Cover Page 1
Table of Contents 2
Definitions/Glossary 3
Case Narrative 4
Client Sample Results 5
Surrogate Summary 15
QC Sample Results 17
QC Association Summary 24
Lab Chronicle 28
Certification Summary 32
Method Summary 33
Sample Summary 34
Chain of Custody 35
Receipt Checklists 37

Definitions/Glossary

Client: Tetra Tech, Inc. Job ID: 890-1101-1
Project/Site: Falcon CDP SDG: 212C-MD-02376

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1101-1
SDG: 212C-MD-02376

Job ID: 890-1101-1

Laboratory: Eurofins Xenco, Carlsbad

Narrative

Job Narrative
890-1101-1

Receipt
The samples were received on 8/12/2021 2:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.8°C

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

GC Semi VOA
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: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1101-1
SDG: 212C-MD-02376

Client Sample ID: SW-46 (5)

Lab Sample ID: 890-1101-1
Matrix: Solid
Date Collected: 08/12/21 00:00
Date Received: 08/12/21 14:00
Sample Depth: - 5

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		08/13/21 09:30	08/13/21 14:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/13/21 09:30	08/13/21 14:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/13/21 09:30	08/13/21 14:47	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/13/21 09:30	08/13/21 14:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/13/21 09:30	08/13/21 14:47	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/13/21 09:30	08/13/21 14:47	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		08/13/21 09:30	08/13/21 14:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*08/13/21 09:30*	*08/13/21 14:47*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*08/13/21 09:30*	*08/13/21 14:47*	*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		08/13/21 11:30	08/13/21 13:20	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/13/21 11:30	08/13/21 13:20	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/13/21 11:30	08/13/21 13:20	1
Total TPH	<49.9	U	49.9		mg/Kg		08/13/21 11:30	08/13/21 13:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*77*		*70 - 130*	*08/13/21 11:30*	*08/13/21 13:20*	*1*
o-Terphenyl	*79*		*70 - 130*	*08/13/21 11:30*	*08/13/21 13:20*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**21.0**		4.95		mg/Kg			08/13/21 16:19	1

Client Sample ID: SW-47 (5)

Lab Sample ID: 890-1101-2
Matrix: Solid
Date Collected: 08/12/21 00:00
Date Received: 08/12/21 14:00
Sample Depth: - 5

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		08/13/21 09:30	08/13/21 15:07	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/13/21 09:30	08/13/21 15:07	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/13/21 09:30	08/13/21 15:07	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		08/13/21 09:30	08/13/21 15:07	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/13/21 09:30	08/13/21 15:07	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		08/13/21 09:30	08/13/21 15:07	1
Total BTEX	<0.00403	U	0.00403		mg/Kg		08/13/21 09:30	08/13/21 15:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*08/13/21 09:30*	*08/13/21 15:07*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*08/13/21 09:30*	*08/13/21 15:07*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1101-1
SDG: 212C-MD-02376

Client Sample ID: SW-47 (5)

Lab Sample ID: 890-1101-2
Matrix: Solid
Date Collected: 08/12/21 00:00
Date Received: 08/12/21 14:00
Sample Depth: - 5

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		08/13/21 11:30	08/13/21 13:42	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/13/21 11:30	08/13/21 13:42	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/13/21 11:30	08/13/21 13:42	1
Total TPH	<49.9	U	49.9		mg/Kg		08/13/21 11:30	08/13/21 13:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*79*		*70 - 130*	*08/13/21 11:30*	*08/13/21 13:42*	*1*
o-Terphenyl	*77*		*70 - 130*	*08/13/21 11:30*	*08/13/21 13:42*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**22.2**		5.04		mg/Kg			08/13/21 16:36	1

Client Sample ID: SW-48 (6)

Lab Sample ID: 890-1101-3
Matrix: Solid
Date Collected: 08/12/21 00:00
Date Received: 08/12/21 14:00
Sample Depth: - 6

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		08/13/21 09:30	08/13/21 15:28	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/13/21 09:30	08/13/21 15:28	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/13/21 09:30	08/13/21 15:28	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/13/21 09:30	08/13/21 15:28	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/13/21 09:30	08/13/21 15:28	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/13/21 09:30	08/13/21 15:28	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		08/13/21 09:30	08/13/21 15:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*08/13/21 09:30*	*08/13/21 15:28*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*08/13/21 09:30*	*08/13/21 15:28*	*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		08/13/21 11:30	08/13/21 14:03	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/13/21 11:30	08/13/21 14:03	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/13/21 11:30	08/13/21 14:03	1
Total TPH	<49.8	U	49.8		mg/Kg		08/13/21 11:30	08/13/21 14:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*74*		*70 - 130*	*08/13/21 11:30*	*08/13/21 14:03*	*1*
o-Terphenyl	*74*		*70 - 130*	*08/13/21 11:30*	*08/13/21 14:03*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**20.6**		4.99		mg/Kg			08/13/21 16:41	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1101-1
SDG: 212C-MD-02376

Client Sample ID: SW-64 (5)

Lab Sample ID: 890-1101-4
Matrix: Solid
Date Collected: 08/12/21 00:00
Date Received: 08/12/21 14:00
Sample Depth: - 5

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		08/13/21 09:30	08/13/21 15:48	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/13/21 09:30	08/13/21 15:48	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/13/21 09:30	08/13/21 15:48	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/13/21 09:30	08/13/21 15:48	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/13/21 09:30	08/13/21 15:48	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/13/21 09:30	08/13/21 15:48	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		08/13/21 09:30	08/13/21 15:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*08/13/21 09:30*	*08/13/21 15:48*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*08/13/21 09:30*	*08/13/21 15:48*	*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		08/13/21 11:30	08/13/21 14:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/13/21 11:30	08/13/21 14:46	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/13/21 11:30	08/13/21 14:46	1
Total TPH	<50.0	U	50.0		mg/Kg		08/13/21 11:30	08/13/21 14:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*80*		*70 - 130*	*08/13/21 11:30*	*08/13/21 14:46*	*1*
o-Terphenyl	*86*		*70 - 130*	*08/13/21 11:30*	*08/13/21 14:46*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**19.8**		4.97		mg/Kg			08/13/21 16:47	1

Client Sample ID: SW-65(5)

Lab Sample ID: 890-1101-5
Matrix: Solid
Date Collected: 08/12/21 00:00
Date Received: 08/12/21 14:00
Sample Depth: - 5

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		08/13/21 09:00	08/13/21 12:46	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/13/21 09:00	08/13/21 12:46	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/13/21 09:00	08/13/21 12:46	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		08/13/21 09:00	08/13/21 12:46	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/13/21 09:00	08/13/21 12:46	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		08/13/21 09:00	08/13/21 12:46	1
Total BTEX	<0.00397	U	0.00397		mg/Kg		08/13/21 09:00	08/13/21 12:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*08/13/21 09:00*	*08/13/21 12:46*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*08/13/21 09:00*	*08/13/21 12:46*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1101-1
SDG: 212C-MD-02376

Client Sample ID: SW-65(5)

Lab Sample ID: 890-1101-5
Matrix: Solid
Date Collected: 08/12/21 00:00
Date Received: 08/12/21 14:00
Sample Depth: - 5

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		08/13/21 11:30	08/13/21 15:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/13/21 11:30	08/13/21 15:08	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/13/21 11:30	08/13/21 15:08	1
Total TPH	<50.0	U	50.0		mg/Kg		08/13/21 11:30	08/13/21 15:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*77*		*70 - 130*	*08/13/21 11:30*	*08/13/21 15:08*	*1*
o-Terphenyl	*80*		*70 - 130*	*08/13/21 11:30*	*08/13/21 15:08*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**21.9**		4.98		mg/Kg			08/13/21 16:52	1

Client Sample ID: SW-66 (5)

Lab Sample ID: 890-1101-6
Matrix: Solid
Date Collected: 08/12/21 00:00
Date Received: 08/12/21 14:00
Sample Depth: - 5

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		08/13/21 09:00	08/13/21 13:06	1
Toluene	**0.00200**		0.00200		mg/Kg		08/13/21 09:00	08/13/21 13:06	1
Ethylbenzene	**0.00202**		0.00200		mg/Kg		08/13/21 09:00	08/13/21 13:06	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/13/21 09:00	08/13/21 13:06	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/13/21 09:00	08/13/21 13:06	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/13/21 09:00	08/13/21 13:06	1
Total BTEX	**0.00402**		0.00401		mg/Kg		08/13/21 09:00	08/13/21 13:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*08/13/21 09:00*	*08/13/21 13:06*	*1*
1,4-Difluorobenzene (Surr)	*117*		*70 - 130*	*08/13/21 09:00*	*08/13/21 13:06*	*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		08/13/21 11:30	08/13/21 15:29	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/13/21 11:30	08/13/21 15:29	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/13/21 11:30	08/13/21 15:29	1
Total TPH	<49.9	U	49.9		mg/Kg		08/13/21 11:30	08/13/21 15:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*77*		*70 - 130*	*08/13/21 11:30*	*08/13/21 15:29*	*1*
o-Terphenyl	*80*		*70 - 130*	*08/13/21 11:30*	*08/13/21 15:29*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**18.9**		4.95		mg/Kg			08/13/21 17:09	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1101-1
SDG: 212C-MD-02376

Client Sample ID: SW-67 (5)

Lab Sample ID: 890-1101-7

Date Collected: 08/12/21 00:00
Matrix: Solid
Date Received: 08/12/21 14:00
Sample Depth: - 5

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		08/13/21 09:00	08/13/21 13:27	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/13/21 09:00	08/13/21 13:27	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/13/21 09:00	08/13/21 13:27	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/13/21 09:00	08/13/21 13:27	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/13/21 09:00	08/13/21 13:27	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/13/21 09:00	08/13/21 13:27	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		08/13/21 09:00	08/13/21 13:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*08/13/21 09:00*	*08/13/21 13:27*	*1*
1,4-Difluorobenzene (Surr)	*116*		*70 - 130*	*08/13/21 09:00*	*08/13/21 13:27*	*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		08/13/21 11:30	08/13/21 15:50	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/13/21 11:30	08/13/21 15:50	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/13/21 11:30	08/13/21 15:50	1
Total TPH	<49.9	U	49.9		mg/Kg		08/13/21 11:30	08/13/21 15:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*63*	*S1-*	*70 - 130*	*08/13/21 11:30*	*08/13/21 15:50*	*1*
o-Terphenyl	*66*	*S1-*	*70 - 130*	*08/13/21 11:30*	*08/13/21 15:50*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**25.2**		5.04		mg/Kg			08/13/21 17:15	1

Client Sample ID: SW-68 (5)

Lab Sample ID: 890-1101-8

Date Collected: 08/12/21 00:00
Matrix: Solid
Date Received: 08/12/21 14:00
Sample Depth: - 5

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		08/13/21 09:00	08/13/21 13:48	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/13/21 09:00	08/13/21 13:48	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/13/21 09:00	08/13/21 13:48	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/13/21 09:00	08/13/21 13:48	1
o-Xylene	**0.0125**		0.00199		mg/Kg		08/13/21 09:00	08/13/21 13:48	1
Xylenes, Total	**0.0125**		0.00398		mg/Kg		08/13/21 09:00	08/13/21 13:48	1
Total BTEX	**0.0125**		0.00398		mg/Kg		08/13/21 09:00	08/13/21 13:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*382*	*S1+*	*70 - 130*	*08/13/21 09:00*	*08/13/21 13:48*	*1*
1,4-Difluorobenzene (Surr)	*332*	*S1+*	*70 - 130*	*08/13/21 09:00*	*08/13/21 13:48*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1101-1
SDG: 212C-MD-02376

Client Sample ID: SW-68 (5)

Lab Sample ID: 890-1101-8
Matrix: Solid
Date Collected: 08/12/21 00:00
Date Received: 08/12/21 14:00
Sample Depth: - 5

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		08/12/21 15:48	08/13/21 13:20	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/12/21 15:48	08/13/21 13:20	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/12/21 15:48	08/13/21 13:20	1
Total TPH	<49.9	U	49.9		mg/Kg		08/12/21 15:48	08/13/21 13:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*08/12/21 15:48*	*08/13/21 13:20*	*1*
o-Terphenyl	*94*		*70 - 130*	*08/12/21 15:48*	*08/13/21 13:20*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**23.4**		5.01		mg/Kg			08/13/21 17:20	1

Client Sample ID: SW-69 (2)

Lab Sample ID: 890-1101-9
Matrix: Solid
Date Collected: 08/12/21 00:00
Date Received: 08/12/21 14:00
Sample Depth: - 2

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.0314**		0.00198		mg/Kg		08/13/21 09:00	08/13/21 14:08	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/13/21 09:00	08/13/21 14:08	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/13/21 09:00	08/13/21 14:08	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		08/13/21 09:00	08/13/21 14:08	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/13/21 09:00	08/13/21 14:08	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/13/21 09:00	08/13/21 14:08	1
Total BTEX	**0.0314**		0.00396		mg/Kg		08/13/21 09:00	08/13/21 14:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*	*08/13/21 09:00*	*08/13/21 14:08*	*1*
1,4-Difluorobenzene (Surr)	*121*		*70 - 130*	*08/13/21 09:00*	*08/13/21 14:08*	*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		08/12/21 15:48	08/13/21 13:42	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/12/21 15:48	08/13/21 13:42	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/12/21 15:48	08/13/21 13:42	1
Total TPH	<49.9	U	49.9		mg/Kg		08/12/21 15:48	08/13/21 13:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*81*		*70 - 130*	*08/12/21 15:48*	*08/13/21 13:42*	*1*
o-Terphenyl	*83*		*70 - 130*	*08/12/21 15:48*	*08/13/21 13:42*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**21.4**		4.98		mg/Kg			08/13/21 17:26	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1101-1
SDG: 212C-MD-02376

Client Sample ID: BH-43 (1.5)

Lab Sample ID: 890-1101-10
Matrix: Solid
Date Collected: 08/12/21 00:00
Date Received: 08/12/21 14:00
Sample Depth: - 1.5

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		08/13/21 09:00	08/13/21 14:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/13/21 09:00	08/13/21 14:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/13/21 09:00	08/13/21 14:29	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/13/21 09:00	08/13/21 14:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/13/21 09:00	08/13/21 14:29	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/13/21 09:00	08/13/21 14:29	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		08/13/21 09:00	08/13/21 14:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*	*08/13/21 09:00*	*08/13/21 14:29*	*1*
1,4-Difluorobenzene (Surr)	*140*	*S1+*	*70 - 130*	*08/13/21 09:00*	*08/13/21 14:29*	*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		08/12/21 15:48	08/13/21 14:03	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/12/21 15:48	08/13/21 14:03	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/12/21 15:48	08/13/21 14:03	1
Total TPH	<49.8	U	49.8		mg/Kg		08/12/21 15:48	08/13/21 14:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*88*		*70 - 130*	*08/12/21 15:48*	*08/13/21 14:03*	*1*
o-Terphenyl	*95*		*70 - 130*	*08/12/21 15:48*	*08/13/21 14:03*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**19.3**		4.95		mg/Kg			08/13/21 17:32	1

Client Sample ID: BH-44

Lab Sample ID: 890-1101-11
Matrix: Solid
Date Collected: 08/12/21 00:00
Date Received: 08/12/21 14:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00219**		0.00199		mg/Kg		08/13/21 09:00	08/13/21 14:50	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/13/21 09:00	08/13/21 14:50	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/13/21 09:00	08/13/21 14:50	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/13/21 09:00	08/13/21 14:50	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/13/21 09:00	08/13/21 14:50	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/13/21 09:00	08/13/21 14:50	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		08/13/21 09:00	08/13/21 14:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*08/13/21 09:00*	*08/13/21 14:50*	*1*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*	*08/13/21 09:00*	*08/13/21 14:50*	*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		08/12/21 15:48	08/13/21 14:46	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1101-1
SDG: 212C-MD-02376

Client Sample ID: BH-44

Date Collected: 08/12/21 00:00
Date Received: 08/12/21 14:00

Lab Sample ID: 890-1101-11
Matrix: Solid

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)	<50.0	U	50.0		mg/Kg		08/12/21 15:48	08/13/21 14:46	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/21 15:48	08/13/21 14:46	1
Total TPH	<50.0	U	50.0		mg/Kg		08/12/21 15:48	08/13/21 14:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 130*	*08/12/21 15:48*	*08/13/21 14:46*	*1*
o-Terphenyl	*101*		*70 - 130*	*08/12/21 15:48*	*08/13/21 14:46*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**18.7**		4.96		mg/Kg			08/13/21 17:37	1

Client Sample ID: BH-45

Date Collected: 08/12/21 00:00
Date Received: 08/12/21 14:00

Lab Sample ID: 890-1101-12
Matrix: Solid

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		08/13/21 09:00	08/13/21 15:11	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/13/21 09:00	08/13/21 15:11	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/13/21 09:00	08/13/21 15:11	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/13/21 09:00	08/13/21 15:11	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/13/21 09:00	08/13/21 15:11	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/13/21 09:00	08/13/21 15:11	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		08/13/21 09:00	08/13/21 15:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*	*08/13/21 09:00*	*08/13/21 15:11*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*08/13/21 09:00*	*08/13/21 15:11*	*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		08/12/21 15:48	08/13/21 15:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/21 15:48	08/13/21 15:08	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/21 15:48	08/13/21 15:08	1
Total TPH	<50.0	U	50.0		mg/Kg		08/12/21 15:48	08/13/21 15:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 130*	*08/12/21 15:48*	*08/13/21 15:08*	*1*
o-Terphenyl	*109*		*70 - 130*	*08/12/21 15:48*	*08/13/21 15:08*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**19.6**		4.99		mg/Kg			08/13/21 17:54	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1101-1
SDG: 212C-MD-02376

Client Sample ID: BH-46

Date Collected: 08/12/21 00:00
Date Received: 08/12/21 14:00

Lab Sample ID: 890-1101-13
Matrix: Solid

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		08/13/21 09:00	08/13/21 15:31	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/13/21 09:00	08/13/21 15:31	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/13/21 09:00	08/13/21 15:31	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/13/21 09:00	08/13/21 15:31	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/13/21 09:00	08/13/21 15:31	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/13/21 09:00	08/13/21 15:31	1
Total BTEX	<0.00404	U	0.00404		mg/Kg		08/13/21 09:00	08/13/21 15:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*158*	*S1+*	*70 - 130*	*08/13/21 09:00*	*08/13/21 15:31*	*1*
1,4-Difluorobenzene (Surr)	*118*		*70 - 130*	*08/13/21 09:00*	*08/13/21 15:31*	*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		08/12/21 15:48	08/13/21 15:29	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/12/21 15:48	08/13/21 15:29	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/12/21 15:48	08/13/21 15:29	1
Total TPH	<49.9	U	49.9		mg/Kg		08/12/21 15:48	08/13/21 15:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*84*		*70 - 130*	*08/12/21 15:48*	*08/13/21 15:29*	*1*
o-Terphenyl	*98*		*70 - 130*	*08/12/21 15:48*	*08/13/21 15:29*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**17.6**		4.97		mg/Kg			08/13/21 18:00	1

Client Sample ID: BH-47

Date Collected: 08/12/21 00:00
Date Received: 08/12/21 14:00

Lab Sample ID: 890-1101-14
Matrix: Solid

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		08/13/21 09:00	08/13/21 15:52	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/13/21 09:00	08/13/21 15:52	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/13/21 09:00	08/13/21 15:52	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		08/13/21 09:00	08/13/21 15:52	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/13/21 09:00	08/13/21 15:52	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		08/13/21 09:00	08/13/21 15:52	1
Total BTEX	<0.00403	U	0.00403		mg/Kg		08/13/21 09:00	08/13/21 15:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*08/13/21 09:00*	*08/13/21 15:52*	*1*
1,4-Difluorobenzene (Surr)	*74*		*70 - 130*	*08/13/21 09:00*	*08/13/21 15:52*	*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		08/12/21 15:48	08/13/21 15:50	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1101-1
SDG: 212C-MD-02376

Client Sample ID: BH-47
Date Collected: 08/12/21 00:00
Date Received: 08/12/21 14:00

Lab Sample ID: 890-1101-14
Matrix: Solid

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)	<49.9	U	49.9		mg/Kg		08/12/21 15:48	08/13/21 15:50	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/12/21 15:48	08/13/21 15:50	1
Total TPH	<49.9	U	49.9		mg/Kg		08/12/21 15:48	08/13/21 15:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*08/12/21 15:48*	*08/13/21 15:50*	*1*
o-Terphenyl	*106*		*70 - 130*	*08/12/21 15:48*	*08/13/21 15:50*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**19.5**		4.95		mg/Kg			08/13/21 18:16	1

Surrogate Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1101-1
SDG: 212C-MD-02376

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
890-1099-A-1-A MS	Matrix Spike	132 S1+	92
890-1101-1	SW-46 (5)	117	98
890-1101-2	SW-47 (5)	111	94
890-1101-3	SW-48 (6)	113	99
890-1101-4	SW-64 (5)	108	103
890-1101-5	SW-65(5)	98	98
890-1101-5 MS	SW-65(5)	96	85
890-1101-6	SW-66 (5)	111	117
890-1101-7	SW-67 (5)	96	116
890-1101-8	SW-68 (5)	382 S1+	332 S1+
890-1101-9	SW-69 (2)	118	121
890-1101-10	BH-43 (1.5)	123	140 S1+
890-1101-11	BH-44	99	112
890-1101-12	BH-45	86	92
890-1101-13	BH-46	158 S1+	118
890-1101-14	BH-47	102	74
LCS 880-6452/1-A	Lab Control Sample	106	107
LCS 880-6457/1-A	Lab Control Sample	93	107
LCSD 880-6452/2-A	Lab Control Sample Dup	102	107
LCSD 880-6457/2-A	Lab Control Sample Dup	100	93
MB 880-6452/5-A	Method Blank	103	94
MB 880-6457/5-A	Method Blank	104	97

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)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID		
890-1099-A-1-B MSD	Matrix Spike Duplicate		
890-1101-5 MSD	SW-65(5)		

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)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
890-1089-A-1-J MS	Matrix Spike	80	82
890-1089-A-1-K MSD	Matrix Spike Duplicate	78	79
890-1091-A-1-G MS	Matrix Spike	92	88
890-1091-A-1-H MSD	Matrix Spike Duplicate	96	94
890-1101-1	SW-46 (5)	77	79

Surrogate Summary

Client: Tetra Tech, Inc. Job ID: 890-1101-1
Project/Site: Falcon CDP SDG: 212C-MD-02376

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)								
890-1101-2	SW-47 (5)	79	77								
890-1101-3	SW-48 (6)	74	74								
890-1101-4	SW-64 (5)	80	86								
890-1101-5	SW-65(5)	77	80								
890-1101-6	SW-66 (5)	77	80								
890-1101-7	SW-67 (5)	63 S1-	66 S1-								
890-1101-8	SW-68 (5)	93	94								
890-1101-9	SW-69 (2)	81	83								
890-1101-10	BH-43 (1.5)	88	95								
890-1101-11	BH-44	90	101								
890-1101-12	BH-45	97	109								
890-1101-13	BH-46	84	98								
890-1101-14	BH-47	98	106								
LCS 880-6465/2-A	Lab Control Sample	77	80								
LCS 880-6468/2-A	Lab Control Sample	91	94								
LCSD 880-6465/3-A	Lab Control Sample Dup	75	78								
LCSD 880-6468/3-A	Lab Control Sample Dup	97	100								
MB 880-6465/1-A	Method Blank	80	83								
MB 880-6468/1-A	Method Blank	103	117								

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1101-1
SDG: 212C-MD-02376

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-6452/5-A
Matrix: Solid
Analysis Batch: 6493

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 6452

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/13/21 09:30	08/13/21 12:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/13/21 09:30	08/13/21 12:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/13/21 09:30	08/13/21 12:23	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/13/21 09:30	08/13/21 12:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/13/21 09:30	08/13/21 12:23	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/13/21 09:30	08/13/21 12:23	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		08/13/21 09:30	08/13/21 12:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*08/13/21 09:30*	*08/13/21 12:23*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*08/13/21 09:30*	*08/13/21 12:23*	*1*

Lab Sample ID: LCS 880-6452/1-A
Matrix: Solid
Analysis Batch: 6493

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 6452

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			0.100	0.1014		mg/Kg		101	70 - 130		
Toluene			0.100	0.09200		mg/Kg		92	70 - 130		
Ethylbenzene			0.100	0.09135		mg/Kg		91	70 - 130		
m-Xylene & p-Xylene			0.200	0.1844		mg/Kg		92	70 - 130		
o-Xylene			0.100	0.09131		mg/Kg		91	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*

Lab Sample ID: LCSD 880-6452/2-A
Matrix: Solid
Analysis Batch: 6493

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 6452

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			0.100	0.1044		mg/Kg		104	70 - 130	3	35
Toluene			0.100	0.09434		mg/Kg		94	70 - 130	3	35
Ethylbenzene			0.100	0.09113		mg/Kg		91	70 - 130	0	35
m-Xylene & p-Xylene			0.200	0.1835		mg/Kg		92	70 - 130	0	35
o-Xylene			0.100	0.09065		mg/Kg		91	70 - 130	1	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*

Lab Sample ID: 890-1099-A-1-B MSD
Matrix: Solid
Analysis Batch: 6493

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 6452

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.09455		mg/Kg					

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1101-1
SDG: 212C-MD-02376

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

Lab Sample ID: 890-1099-A-1-B MSD
Matrix: Solid
Analysis Batch: 6493

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 6452

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Toluene	<0.00200	U	0.100	0.08315		mg/Kg					
Ethylbenzene	<0.00200	U	0.100	0.07966		mg/Kg					
m-Xylene & p-Xylene	<0.00399	U	0.201	0.1602		mg/Kg					
o-Xylene	<0.00200	U	0.100	0.07924		mg/Kg					

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)			
1,4-Difluorobenzene (Surr)			

Lab Sample ID: MB 880-6457/5-A
Matrix: Solid
Analysis Batch: 6495

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 6457

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/13/21 09:00	08/13/21 12:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/13/21 09:00	08/13/21 12:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/13/21 09:00	08/13/21 12:24	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/13/21 09:00	08/13/21 12:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/13/21 09:00	08/13/21 12:24	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/13/21 09:00	08/13/21 12:24	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		08/13/21 09:00	08/13/21 12:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*08/13/21 09:00*	*08/13/21 12:24*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*08/13/21 09:00*	*08/13/21 12:24*	*1*

Lab Sample ID: LCS 880-6457/1-A
Matrix: Solid
Analysis Batch: 6495

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 6457

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.1032		mg/Kg		103	70 - 130
Toluene	0.100	0.1009		mg/Kg		101	70 - 130
Ethylbenzene	0.100	0.1029		mg/Kg		103	70 - 130
m-Xylene & p-Xylene	0.200	0.1885		mg/Kg		94	70 - 130
o-Xylene	0.100	0.08692		mg/Kg		87	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*

Lab Sample ID: LCSD 880-6457/2-A
Matrix: Solid
Analysis Batch: 6495

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 6457

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.1140		mg/Kg		114	70 - 130	10	35
Toluene	0.100	0.1063		mg/Kg		106	70 - 130	5	35

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QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1101-1
SDG: 212C-MD-02376

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

Lab Sample ID: LCSD 880-6457/2-A
Matrix: Solid
Analysis Batch: 6495

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 6457

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylbenzene			0.100	0.1097		mg/Kg		110	70 - 130	6	35
m-Xylene & p-Xylene			0.200	0.1987		mg/Kg		99	70 - 130	5	35
o-Xylene			0.100	0.09390		mg/Kg		94	70 - 130	8	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*

Lab Sample ID: 890-1101-5 MSD
Matrix: Solid
Analysis Batch: 6495

Client Sample ID: SW-65(5)
Prep Type: Total/NA
Prep Batch: 6457

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00198	U	0.100	0.09093		mg/Kg					
Toluene	<0.00198	U	0.100	0.1054		mg/Kg					
Ethylbenzene	<0.00198	U	0.100	0.1123		mg/Kg					
m-Xylene & p-Xylene	<0.00397	U	0.200	0.2208		mg/Kg					
o-Xylene	<0.00198	U	0.100	0.1021		mg/Kg					

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)			
1,4-Difluorobenzene (Surr)			

Lab Sample ID: 890-1099-A-1-A MS
Matrix: Solid
Analysis Batch: 6493

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*132*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*

Lab Sample ID: 890-1101-5 MS
Matrix: Solid
Analysis Batch: 6495

Client Sample ID: SW-65(5)
Prep Type: Total/NA

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*

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

Lab Sample ID: MB 880-6465/1-A
Matrix: Solid
Analysis Batch: 6488

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 6465

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		08/12/21 15:33	08/13/21 08:44	1

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1101-1
SDG: 212C-MD-02376

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

Lab Sample ID: MB 880-6465/1-A
Matrix: Solid
Analysis Batch: 6488

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 6465

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/21 15:33	08/13/21 08:44	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/21 15:33	08/13/21 08:44	1
Total TPH	<50.0	U	50.0		mg/Kg		08/12/21 15:33	08/13/21 08:44	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*80*		*70 - 130*	*08/12/21 15:33*	*08/13/21 08:44*	*1*
o-Terphenyl	*83*		*70 - 130*	*08/12/21 15:33*	*08/13/21 08:44*	*1*

Lab Sample ID: LCS 880-6465/2-A
Matrix: Solid
Analysis Batch: 6488

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 6465

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	674.7	*-	mg/Kg		67	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	720.5		mg/Kg		72	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*77*		*70 - 130*
o-Terphenyl	*80*		*70 - 130*

Lab Sample ID: LCSD 880-6465/3-A
Matrix: Solid
Analysis Batch: 6488

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 6465

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	668.8	*-	mg/Kg		67	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	709.2		mg/Kg		71	70 - 130	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*75*		*70 - 130*
o-Terphenyl	*78*		*70 - 130*

Lab Sample ID: 890-1089-A-1-J MS
Matrix: Solid
Analysis Batch: 6488

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 6465

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *-	995	802.8		mg/Kg		81	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	995	815.9		mg/Kg		82	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*80*		*70 - 130*

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1101-1
SDG: 212C-MD-02376

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

Lab Sample ID: 890-1089-A-1-J MS
Matrix: Solid
Analysis Batch: 6488

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 6465

Surrogate	MS %Recovery	MS Qualifier	Limits
o-Terphenyl	82		70 - 130

Lab Sample ID: 890-1089-A-1-K MSD
Matrix: Solid
Analysis Batch: 6488

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 6465

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *-	998	756.8		mg/Kg		76	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	800.6		mg/Kg		80	70 - 130	2	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	78		70 - 130
o-Terphenyl	79		70 - 130

Lab Sample ID: MB 880-6468/1-A
Matrix: Solid
Analysis Batch: 6490

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 6468

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		08/12/21 15:48	08/13/21 08:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/21 15:48	08/13/21 08:44	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/21 15:48	08/13/21 08:44	1
Total TPH	<50.0	U	50.0		mg/Kg		08/12/21 15:48	08/13/21 08:44	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130	08/12/21 15:48	08/13/21 08:44	1
o-Terphenyl	117		70 - 130	08/12/21 15:48	08/13/21 08:44	1

Lab Sample ID: LCS 880-6468/2-A
Matrix: Solid
Analysis Batch: 6490

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 6468

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	791.2		mg/Kg		79	70 - 130
Diesel Range Organics (Over C10-C28)	1000	903.4		mg/Kg		90	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	91		70 - 130
o-Terphenyl	94		70 - 130

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1101-1
SDG: 212C-MD-02376

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

Lab Sample ID: LCSD 880-6468/3-A
Matrix: Solid
Analysis Batch: 6490

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 6468

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	816.7		mg/Kg		82	70 - 130	3	20
Diesel Range Organics (Over C10-C28)			1000	964.9		mg/Kg		96	70 - 130	7	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*97*		*70 - 130*
o-Terphenyl	*100*		*70 - 130*

Lab Sample ID: 890-1091-A-1-G MS
Matrix: Solid
Analysis Batch: 6490

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 6468

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	995	860.7		mg/Kg		86	70 - 130
Diesel Range Organics (Over C10-C28)	197		995	925.0		mg/Kg		73	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*92*		*70 - 130*
o-Terphenyl	*88*		*70 - 130*

Lab Sample ID: 890-1091-A-1-H MSD
Matrix: Solid
Analysis Batch: 6490

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 6468

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	918.0		mg/Kg		92	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	197		998	970.9		mg/Kg		78	70 - 130	5	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*96*		*70 - 130*
o-Terphenyl	*94*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-6521/1-A
Matrix: Solid
Analysis Batch: 6539

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			08/13/21 16:02	1

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1101-1
SDG: 212C-MD-02376

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-6521/2-A
Matrix: Solid
Analysis Batch: 6539

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride			250	254.4		mg/Kg		102	90 - 110		

Lab Sample ID: LCSD 880-6521/3-A
Matrix: Solid
Analysis Batch: 6539

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	255.2		mg/Kg		102	90 - 110	0	20

Lab Sample ID: 890-1101-1 MS
Matrix: Solid
Analysis Batch: 6539

Client Sample ID: SW-46 (5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	21.0		248	262.6		mg/Kg		98	90 - 110		

Lab Sample ID: 890-1101-1 MSD
Matrix: Solid
Analysis Batch: 6539

Client Sample ID: SW-46 (5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	21.0		248	262.8		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 890-1101-11 MS
Matrix: Solid
Analysis Batch: 6539

Client Sample ID: BH-44
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	18.7		248	261.7		mg/Kg		98	90 - 110		

Lab Sample ID: 890-1101-11 MSD
Matrix: Solid
Analysis Batch: 6539

Client Sample ID: BH-44
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	18.7		248	261.9		mg/Kg		98	90 - 110	0	20

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1101-1
SDG: 212C-MD-02376

GC VOA

Prep Batch: 6452

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1101-1	SW-46 (5)	Total/NA	Solid	5035	
890-1101-2	SW-47 (5)	Total/NA	Solid	5035	
890-1101-3	SW-48 (6)	Total/NA	Solid	5035	
890-1101-4	SW-64 (5)	Total/NA	Solid	5035	
MB 880-6452/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-6452/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-6452/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-1099-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 6457

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1101-5	SW-65(5)	Total/NA	Solid	5035	
890-1101-6	SW-66 (5)	Total/NA	Solid	5035	
890-1101-7	SW-67 (5)	Total/NA	Solid	5035	
890-1101-8	SW-68 (5)	Total/NA	Solid	5035	
890-1101-9	SW-69 (2)	Total/NA	Solid	5035	
890-1101-10	BH-43 (1.5)	Total/NA	Solid	5035	
890-1101-11	BH-44	Total/NA	Solid	5035	
890-1101-12	BH-45	Total/NA	Solid	5035	
890-1101-13	BH-46	Total/NA	Solid	5035	
890-1101-14	BH-47	Total/NA	Solid	5035	
MB 880-6457/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-6457/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-6457/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-1101-5 MSD	SW-65(5)	Total/NA	Solid	5035	

Analysis Batch: 6493

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1101-1	SW-46 (5)	Total/NA	Solid	8021B	6452
890-1101-2	SW-47 (5)	Total/NA	Solid	8021B	6452
890-1101-3	SW-48 (6)	Total/NA	Solid	8021B	6452
890-1101-4	SW-64 (5)	Total/NA	Solid	8021B	6452
MB 880-6452/5-A	Method Blank	Total/NA	Solid	8021B	6452
LCS 880-6452/1-A	Lab Control Sample	Total/NA	Solid	8021B	6452
LCSD 880-6452/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	6452
890-1099-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	
890-1099-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	6452

Analysis Batch: 6495

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1101-5	SW-65(5)	Total/NA	Solid	8021B	6457
890-1101-6	SW-66 (5)	Total/NA	Solid	8021B	6457
890-1101-7	SW-67 (5)	Total/NA	Solid	8021B	6457
890-1101-8	SW-68 (5)	Total/NA	Solid	8021B	6457
890-1101-9	SW-69 (2)	Total/NA	Solid	8021B	6457
890-1101-10	BH-43 (1.5)	Total/NA	Solid	8021B	6457
890-1101-11	BH-44	Total/NA	Solid	8021B	6457
890-1101-12	BH-45	Total/NA	Solid	8021B	6457
890-1101-13	BH-46	Total/NA	Solid	8021B	6457
890-1101-14	BH-47	Total/NA	Solid	8021B	6457
MB 880-6457/5-A	Method Blank	Total/NA	Solid	8021B	6457

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1101-1
SDG: 212C-MD-02376

GC VOA (Continued)

Analysis Batch: 6495 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-6457/1-A	Lab Control Sample	Total/NA	Solid	8021B	6457
LCSD 880-6457/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	6457
890-1101-5 MS	SW-65(5)	Total/NA	Solid	8021B	
890-1101-5 MSD	SW-65(5)	Total/NA	Solid	8021B	6457

GC Semi VOA

Prep Batch: 6465

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1101-1	SW-46 (5)	Total/NA	Solid	8015NM Prep	
890-1101-2	SW-47 (5)	Total/NA	Solid	8015NM Prep	
890-1101-3	SW-48 (6)	Total/NA	Solid	8015NM Prep	
890-1101-4	SW-64 (5)	Total/NA	Solid	8015NM Prep	
890-1101-5	SW-65(5)	Total/NA	Solid	8015NM Prep	
890-1101-6	SW-66 (5)	Total/NA	Solid	8015NM Prep	
890-1101-7	SW-67 (5)	Total/NA	Solid	8015NM Prep	
MB 880-6465/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-6465/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-6465/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1089-A-1-J MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-1089-A-1-K MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 6468

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1101-8	SW-68 (5)	Total/NA	Solid	8015NM Prep	
890-1101-9	SW-69 (2)	Total/NA	Solid	8015NM Prep	
890-1101-10	BH-43 (1.5)	Total/NA	Solid	8015NM Prep	
890-1101-11	BH-44	Total/NA	Solid	8015NM Prep	
890-1101-12	BH-45	Total/NA	Solid	8015NM Prep	
890-1101-13	BH-46	Total/NA	Solid	8015NM Prep	
890-1101-14	BH-47	Total/NA	Solid	8015NM Prep	
MB 880-6468/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-6468/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-6468/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1091-A-1-G MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-1091-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 6488

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1101-1	SW-46 (5)	Total/NA	Solid	8015B NM	6465
890-1101-2	SW-47 (5)	Total/NA	Solid	8015B NM	6465
890-1101-3	SW-48 (6)	Total/NA	Solid	8015B NM	6465
890-1101-4	SW-64 (5)	Total/NA	Solid	8015B NM	6465
890-1101-5	SW-65(5)	Total/NA	Solid	8015B NM	6465
890-1101-6	SW-66 (5)	Total/NA	Solid	8015B NM	6465
890-1101-7	SW-67 (5)	Total/NA	Solid	8015B NM	6465
MB 880-6465/1-A	Method Blank	Total/NA	Solid	8015B NM	6465
LCS 880-6465/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	6465
LCSD 880-6465/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	6465
890-1089-A-1-J MS	Matrix Spike	Total/NA	Solid	8015B NM	6465
890-1089-A-1-K MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	6465

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1101-1
SDG: 212C-MD-02376

GC Semi VOA

Analysis Batch: 6490

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1101-8	SW-68 (5)	Total/NA	Solid	8015B NM	6468
890-1101-9	SW-69 (2)	Total/NA	Solid	8015B NM	6468
890-1101-10	BH-43 (1.5)	Total/NA	Solid	8015B NM	6468
890-1101-11	BH-44	Total/NA	Solid	8015B NM	6468
890-1101-12	BH-45	Total/NA	Solid	8015B NM	6468
890-1101-13	BH-46	Total/NA	Solid	8015B NM	6468
890-1101-14	BH-47	Total/NA	Solid	8015B NM	6468
MB 880-6468/1-A	Method Blank	Total/NA	Solid	8015B NM	6468
LCS 880-6468/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	6468
LCSD 880-6468/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	6468
890-1091-A-1-G MS	Matrix Spike	Total/NA	Solid	8015B NM	6468
890-1091-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	6468

HPLC/IC

Leach Batch: 6521

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1101-1	SW-46 (5)	Soluble	Solid	DI Leach	
890-1101-2	SW-47 (5)	Soluble	Solid	DI Leach	
890-1101-3	SW-48 (6)	Soluble	Solid	DI Leach	
890-1101-4	SW-64 (5)	Soluble	Solid	DI Leach	
890-1101-5	SW-65(5)	Soluble	Solid	DI Leach	
890-1101-6	SW-66 (5)	Soluble	Solid	DI Leach	
890-1101-7	SW-67 (5)	Soluble	Solid	DI Leach	
890-1101-8	SW-68 (5)	Soluble	Solid	DI Leach	
890-1101-9	SW-69 (2)	Soluble	Solid	DI Leach	
890-1101-10	BH-43 (1.5)	Soluble	Solid	DI Leach	
890-1101-11	BH-44	Soluble	Solid	DI Leach	
890-1101-12	BH-45	Soluble	Solid	DI Leach	
890-1101-13	BH-46	Soluble	Solid	DI Leach	
890-1101-14	BH-47	Soluble	Solid	DI Leach	
MB 880-6521/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-6521/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-6521/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-1101-1 MS	SW-46 (5)	Soluble	Solid	DI Leach	
890-1101-1 MSD	SW-46 (5)	Soluble	Solid	DI Leach	
890-1101-11 MS	BH-44	Soluble	Solid	DI Leach	
890-1101-11 MSD	BH-44	Soluble	Solid	DI Leach	

Analysis Batch: 6539

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1101-1	SW-46 (5)	Soluble	Solid	300.0	6521
890-1101-2	SW-47 (5)	Soluble	Solid	300.0	6521
890-1101-3	SW-48 (6)	Soluble	Solid	300.0	6521
890-1101-4	SW-64 (5)	Soluble	Solid	300.0	6521
890-1101-5	SW-65(5)	Soluble	Solid	300.0	6521
890-1101-6	SW-66 (5)	Soluble	Solid	300.0	6521
890-1101-7	SW-67 (5)	Soluble	Solid	300.0	6521
890-1101-8	SW-68 (5)	Soluble	Solid	300.0	6521
890-1101-9	SW-69 (2)	Soluble	Solid	300.0	6521
890-1101-10	BH-43 (1.5)	Soluble	Solid	300.0	6521

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1101-1
SDG: 212C-MD-02376

HPLC/IC (Continued)

Analysis Batch: 6539 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1101-11	BH-44	Soluble	Solid	300.0	6521
890-1101-12	BH-45	Soluble	Solid	300.0	6521
890-1101-13	BH-46	Soluble	Solid	300.0	6521
890-1101-14	BH-47	Soluble	Solid	300.0	6521
MB 880-6521/1-A	Method Blank	Soluble	Solid	300.0	6521
LCS 880-6521/2-A	Lab Control Sample	Soluble	Solid	300.0	6521
LCSD 880-6521/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	6521
890-1101-1 MS	SW-46 (5)	Soluble	Solid	300.0	6521
890-1101-1 MSD	SW-46 (5)	Soluble	Solid	300.0	6521
890-1101-11 MS	BH-44	Soluble	Solid	300.0	6521
890-1101-11 MSD	BH-44	Soluble	Solid	300.0	6521

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1101-1
SDG: 212C-MD-02376

Client Sample ID: SW-46 (5)

Date Collected: 08/12/21 00:00
Date Received: 08/12/21 14:00

Lab Sample ID: 890-1101-1
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			5.00 g	5 mL	6452	08/13/21 09:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6493	08/13/21 14:47	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	6465	08/13/21 11:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6488	08/13/21 13:20	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	6521	08/13/21 12:19	CH	XEN MID
Soluble	Analysis	300.0		1			6539	08/13/21 16:19	SC	XEN MID

Client Sample ID: SW-47 (5)

Date Collected: 08/12/21 00:00
Date Received: 08/12/21 14:00

Lab Sample ID: 890-1101-2
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			4.96 g	5 mL	6452	08/13/21 09:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6493	08/13/21 15:07	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	6465	08/13/21 11:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6488	08/13/21 13:42	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	6521	08/13/21 12:19	CH	XEN MID
Soluble	Analysis	300.0		1			6539	08/13/21 16:36	SC	XEN MID

Client Sample ID: SW-48 (6)

Date Collected: 08/12/21 00:00
Date Received: 08/12/21 14:00

Lab Sample ID: 890-1101-3
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	6452	08/13/21 09:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6493	08/13/21 15:28	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	6465	08/13/21 11:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6488	08/13/21 14:03	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	6521	08/13/21 12:19	CH	XEN MID
Soluble	Analysis	300.0		1			6539	08/13/21 16:41	SC	XEN MID

Client Sample ID: SW-64 (5)

Date Collected: 08/12/21 00:00
Date Received: 08/12/21 14:00

Lab Sample ID: 890-1101-4
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	6452	08/13/21 09:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6493	08/13/21 15:48	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	6465	08/13/21 11:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6488	08/13/21 14:46	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	6521	08/13/21 12:19	CH	XEN MID
Soluble	Analysis	300.0		1			6539	08/13/21 16:47	SC	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1101-1
SDG: 212C-MD-02376

Client Sample ID: SW-65(5)

Date Collected: 08/12/21 00:00
Date Received: 08/12/21 14:00

Lab Sample ID: 890-1101-5

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			5.04 g	5 mL	6457	08/13/21 09:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6495	08/13/21 12:46	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	6465	08/13/21 11:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6488	08/13/21 15:08	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	6521	08/13/21 12:19	CH	XEN MID
Soluble	Analysis	300.0		1			6539	08/13/21 16:52	SC	XEN MID

Client Sample ID: SW-66 (5)

Date Collected: 08/12/21 00:00
Date Received: 08/12/21 14:00

Lab Sample ID: 890-1101-6

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	6457	08/13/21 09:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6495	08/13/21 13:06	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	6465	08/13/21 11:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6488	08/13/21 15:29	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	6521	08/13/21 12:19	CH	XEN MID
Soluble	Analysis	300.0		1			6539	08/13/21 17:09	SC	XEN MID

Client Sample ID: SW-67 (5)

Date Collected: 08/12/21 00:00
Date Received: 08/12/21 14:00

Lab Sample ID: 890-1101-7

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	6457	08/13/21 09:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6495	08/13/21 13:27	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	6465	08/13/21 11:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6488	08/13/21 15:50	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	6521	08/13/21 12:19	CH	XEN MID
Soluble	Analysis	300.0		1			6539	08/13/21 17:15	SC	XEN MID

Client Sample ID: SW-68 (5)

Date Collected: 08/12/21 00:00
Date Received: 08/12/21 14:00

Lab Sample ID: 890-1101-8

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	6457	08/13/21 09:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6495	08/13/21 13:48	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	6468	08/12/21 15:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6490	08/13/21 13:20	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	6521	08/13/21 12:19	CH	XEN MID
Soluble	Analysis	300.0		1			6539	08/13/21 17:20	SC	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1101-1
SDG: 212C-MD-02376

Client Sample ID: SW-69 (2)

Lab Sample ID: 890-1101-9
Matrix: Solid
Date Collected: 08/12/21 00:00
Date Received: 08/12/21 14:00

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	6457	08/13/21 09:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6495	08/13/21 14:08	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	6468	08/12/21 15:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6490	08/13/21 13:42	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	6521	08/13/21 12:19	CH	XEN MID
Soluble	Analysis	300.0		1			6539	08/13/21 17:26	SC	XEN MID

Client Sample ID: BH-43 (1.5)

Lab Sample ID: 890-1101-10
Matrix: Solid
Date Collected: 08/12/21 00:00
Date Received: 08/12/21 14:00

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	6457	08/13/21 09:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6495	08/13/21 14:29	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	6468	08/12/21 15:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6490	08/13/21 14:03	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	6521	08/13/21 12:19	CH	XEN MID
Soluble	Analysis	300.0		1			6539	08/13/21 17:32	SC	XEN MID

Client Sample ID: BH-44

Lab Sample ID: 890-1101-11
Matrix: Solid
Date Collected: 08/12/21 00:00
Date Received: 08/12/21 14:00

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	6457	08/13/21 09:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6495	08/13/21 14:50	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	6468	08/12/21 15:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6490	08/13/21 14:46	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	6521	08/13/21 12:19	CH	XEN MID
Soluble	Analysis	300.0		1			6539	08/13/21 17:37	SC	XEN MID

Client Sample ID: BH-45

Lab Sample ID: 890-1101-12
Matrix: Solid
Date Collected: 08/12/21 00:00
Date Received: 08/12/21 14:00

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	6457	08/13/21 09:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6495	08/13/21 15:11	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	6468	08/12/21 15:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6490	08/13/21 15:08	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	6521	08/13/21 12:19	CH	XEN MID
Soluble	Analysis	300.0		1			6539	08/13/21 17:54	SC	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1101-1
SDG: 212C-MD-02376

Client Sample ID: BH-46

Date Collected: 08/12/21 00:00
Date Received: 08/12/21 14:00

Lab Sample ID: 890-1101-13

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			4.95 g	5 mL	6457	08/13/21 09:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6495	08/13/21 15:31	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	6468	08/12/21 15:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6490	08/13/21 15:29	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	6521	08/13/21 12:19	CH	XEN MID
Soluble	Analysis	300.0		1			6539	08/13/21 18:00	SC	XEN MID

Client Sample ID: BH-47

Date Collected: 08/12/21 00:00
Date Received: 08/12/21 14:00

Lab Sample ID: 890-1101-14

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			4.96 g	5 mL	6457	08/13/21 09:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6495	08/13/21 15:52	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	6468	08/12/21 15:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6490	08/13/21 15:50	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	6521	08/13/21 12:19	CH	XEN MID
Soluble	Analysis	300.0		1			6539	08/13/21 18:16	SC	XEN MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1101-1
SDG: 212C-MD-02376

Laboratory: Eurofins Xenco, Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-20-21	06-30-22

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
8015B NM	8015NM Prep	Solid	Total TPH
8021B	5035	Solid	Total BTEX

Method Summary

Client: Tetra Tech, Inc. Job ID: 890-1101-1
Project/Site: Falcon CDP SDG: 212C-MD-02376

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN 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.

Laboratory References:

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

Sample Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1101-1
SDG: 212C-MD-02376

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-1101-1	SW-46 (5)	Solid	08/12/21 00:00	08/12/21 14:00	- 5
890-1101-2	SW-47 (5)	Solid	08/12/21 00:00	08/12/21 14:00	- 5
890-1101-3	SW-48 (6)	Solid	08/12/21 00:00	08/12/21 14:00	- 6
890-1101-4	SW-64 (5)	Solid	08/12/21 00:00	08/12/21 14:00	- 5
890-1101-5	SW-65(5)	Solid	08/12/21 00:00	08/12/21 14:00	- 5
890-1101-6	SW-66 (5)	Solid	08/12/21 00:00	08/12/21 14:00	- 5
890-1101-7	SW-67 (5)	Solid	08/12/21 00:00	08/12/21 14:00	- 5
890-1101-8	SW-68 (5)	Solid	08/12/21 00:00	08/12/21 14:00	- 5
890-1101-9	SW-69 (2)	Solid	08/12/21 00:00	08/12/21 14:00	- 2
890-1101-10	BH-43 (1.5)	Solid	08/12/21 00:00	08/12/21 14:00	- 1.5
890-1101-11	BH-44	Solid	08/12/21 00:00	08/12/21 14:00	
890-1101-12	BH-45	Solid	08/12/21 00:00	08/12/21 14:00	
890-1101-13	BH-46	Solid	08/12/21 00:00	08/12/21 14:00	
890-1101-14	BH-47	Solid	08/12/21 00:00	08/12/21 14:00	

Page 712 of 821

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

901W Wall Street, Ste 100
Midland,Texas 79705
Tel (432) 682-4559
Fax (432) 682-3946

890-1101 Chain of Custody

8/13/2021

Client Name: EnLink	Site Manager: Brittany Long
Project Name: Falcon CDP	
Project Location: (county, state) Eddy county, New Mexico	Project #: 212C-MD-02376
Invoice to: Mike Luckett - EnLink	
Receiving Laboratory: Eurofins Xenco	Sampler Signature:
Comments:	

ANALYSIS REQUEST (Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE (YEAR: 2020)	SAMPLING TIME	MATRIX: WATER	MATRIX: SOIL	MATRIX:	PRESERVATIVE METHOD: HCL	PRESERVATIVE METHOD: HNO_3	PRESERVATIVE METHOD: ICE	PRESERVATIVE METHOD: None	PRESERVATIVE METHOD:	# CONTAINERS	FILTERED (Y/N)
	SW-46 (5')	8/12/21			X				X				
	SW-47 (5')	8/12/21			X				X				
	SW-48 (6')	"			X				X				
	SW-64 (5')	"			X				X				
	SW-65 (5')	"			X				X				
	SW-66 (5')	"			X				X				
	SW-67 (5')	"			X				X				
	SW-68 (5')	"			X				X				
	SW-69 (2')	"			X				X				
	BH-43 (1.5')	↓			X				X				

ANALYSIS REQUEST	BTEX 8021B	BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Sulfate	TDS	Chloride	General Water Chemistry (see attached list)	Anion/Cation Balance				Hold
		X		X												X								

Relinquished by:	Date:	Time:	Received by: Date: Time:
			8.12.21
Relinquished by:	Date:	Time:	Received by: Date: Time:
Relinquished by:	Date:	Time:	Received by: Date: Time:

LAB USE ONLY

Sample Temperature
6.0
5.8

REMARKS:

- ☐ STANDARD
- ☒ RUSH: Same Day (24 hr) 48 hr 72 hr
- ☐ Rush Charges Authorized
- ☐ Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #:

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Page 713 of 821

Analysis Request of Chain of Custody Record

Page 2 of 2

Tetra Tech, Inc.

901W Wall Street, Ste 100
Midland, Texas 79705
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: EnLink	**Site Manager:** Brittany Long
Project Name: Falcon CDP	
Project Location: (county, state) Eddy county, New Mexico	**Project #:** 212C-MD-02376
Invoice to: Mike Luckett - EnLink	
Receiving Laboratory: Eurofins Xenco	**Sampler Signature:**
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	PRESERVATIVE METHOD HCL	HNO3	ICE	None	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	Hold
	BH-44	8/12/21			X			X				X		X												X				
	BH-45	↓			X			X				↓		↓												↓				
	BH-46				X			X																						
	BH-47	↓			X			X																						
					X			X																						
					X			X																						
					X			X																						
					X			X																						
					X			X																						
					X			X																						

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
				8.12.21	
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

LAB USE ONLY
Sample Temperature

REMARKS:
- ☐ STANDARD
- ☒ RUSH: Same Day (24 hr) 48 hr 72 hr
- ☐ Rush Charges Authorized
- ☐ Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #: _____

ORIGINAL COPY

Received by OCD: 9/14/2021 1:19:38 PM

Released to Imaging: 1/6/2022 8:12:55 AM

Login Sample Receipt Checklist

Client: Tetra Tech, Inc.

Job Number: 890-1101-1
SDG Number: 212C-MD-02376

Login Number: 1101
List Number: 1
Creator: Clifton, Cloe

List Source: Eurofins Xenco, 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: Tetra Tech, Inc.

Job Number: 890-1101-1
SDG Number: 212C-MD-02376

Login Number: 1101
List Number: 2
Creator: Kramer, Jessica

List Source: Eurofins Xenco, Midland
List Creation: 08/13/21 11:46 AM

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.	True	
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").	True	

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ANALYTICAL REPORT

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

Laboratory Job ID: 890-1114-1
Laboratory Sample Delivery Group: Eddy County, New Mexico
Client Project/Site: Falcon CDP

For:
Tetra Tech, Inc.
901 W Wall
Ste 100
Midland, Texas 79701

Attn: Clair Gonzales

JKramer

Authorized for release by:
8/18/2021 8:27:52 PM

Jessica Kramer, Project Manager
(432)704-5440
jessica.kramer@eurofinset.com

LINKS

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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: Tetra Tech, Inc.
Project/Site: Falcon CDP

Laboratory Job ID: 890-1114-1
SDG: Eddy County, New Mexico

Table of Contents

Cover Page 1
Table of Contents 2
Definitions/Glossary 3
Case Narrative 4
Client Sample Results 5
Surrogate Summary 21
QC Sample Results 23
QC Association Summary 30
Lab Chronicle 35
Certification Summary 41
Method Summary 42
Sample Summary 43
Chain of Custody 44
Receipt Checklists 47

Definitions/Glossary

Client: Tetra Tech, Inc. Job ID: 890-1114-1
Project/Site: Falcon CDP SDG: Eddy County, New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*1	LCS/LCSD RPD exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

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

Glossary

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

Case Narrative

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1114-1
SDG: Eddy County, New Mexico

Job ID: 890-1114-1

Laboratory: Eurofins Xenco, Carlsbad

Narrative

Job Narrative
890-1114-1

Receipt
The samples were received on 8/16/2021 12:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.8°C

GC VOA
Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-6650 and analytical batch 880-6654 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

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

GC Semi VOA
Method 8015MOD_NM: An incorrect volume of spiking solution was inadvertently added to the laboratory control sample (LCS), matrix spike (MS), AND/OR matrix spike duplicate (MSD) associated with preparation batch 880-6683 and analytical batch 880-6630. Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-6683 and analytical batch 880-6630 recovered outside control limits for the following analytes: Diesel Range Organics (Over C10-C28) and Gasoline Range Organics (GRO)-C6-C10

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: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1114-1
SDG: Eddy County, New Mexico

Client Sample ID: BH-4 (12')

Lab Sample ID: 890-1114-1
Matrix: Solid
Date Collected: 08/16/21 00:00
Date Received: 08/16/21 12:00

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		08/17/21 09:13	08/18/21 00:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/17/21 09:13	08/18/21 00:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/17/21 09:13	08/18/21 00:43	1
m-Xylene & p-Xylene	<0.00401	U *- *1	0.00401		mg/Kg		08/17/21 09:13	08/18/21 00:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/17/21 09:13	08/18/21 00:43	1
Xylenes, Total	<0.00401	U *- *1	0.00401		mg/Kg		08/17/21 09:13	08/18/21 00:43	1
Total BTEX	<0.00401	U *- *1	0.00401		mg/Kg		08/17/21 09:13	08/18/21 00:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*	*08/17/21 09:13*	*08/18/21 00:43*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*08/17/21 09:13*	*08/18/21 00:43*	*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		08/17/21 15:04	08/17/21 21:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/17/21 15:04	08/17/21 21:57	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/17/21 15:04	08/17/21 21:57	1
Total TPH	<50.0	U	50.0		mg/Kg		08/17/21 15:04	08/17/21 21:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*104*		*70 - 130*	*08/17/21 15:04*	*08/17/21 21:57*	*1*
o-Terphenyl	*114*		*70 - 130*	*08/17/21 15:04*	*08/17/21 21:57*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**21.9**		5.04		mg/Kg			08/18/21 01:21	1

Client Sample ID: BH-20 (4')

Lab Sample ID: 890-1114-2
Matrix: Solid
Date Collected: 08/16/21 00:00
Date Received: 08/16/21 12:00

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		08/17/21 09:13	08/18/21 01:03	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/17/21 09:13	08/18/21 01:03	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/17/21 09:13	08/18/21 01:03	1
m-Xylene & p-Xylene	<0.00398	U *- *1	0.00398		mg/Kg		08/17/21 09:13	08/18/21 01:03	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/17/21 09:13	08/18/21 01:03	1
Xylenes, Total	<0.00398	U *- *1	0.00398		mg/Kg		08/17/21 09:13	08/18/21 01:03	1
Total BTEX	<0.00398	U *- *1	0.00398		mg/Kg		08/17/21 09:13	08/18/21 01:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*08/17/21 09:13*	*08/18/21 01:03*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*08/17/21 09:13*	*08/18/21 01:03*	*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		08/17/21 15:04	08/17/21 22:59	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1114-1
SDG: Eddy County, New Mexico

Client Sample ID: BH-20 (4')

Lab Sample ID: 890-1114-2
Matrix: Solid
Date Collected: 08/16/21 00:00
Date Received: 08/16/21 12:00

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)	<49.9	U	49.9		mg/Kg		08/17/21 15:04	08/17/21 22:59	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/17/21 15:04	08/17/21 22:59	1
Total TPH	<49.9	U	49.9		mg/Kg		08/17/21 15:04	08/17/21 22:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*08/17/21 15:04*	*08/17/21 22:59*	*1*
o-Terphenyl	*100*		*70 - 130*	*08/17/21 15:04*	*08/17/21 22:59*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**21.4**		4.95		mg/Kg			08/18/21 01:27	1

Client Sample ID: SW-29 (2')

Lab Sample ID: 890-1114-3
Matrix: Solid
Date Collected: 08/16/21 00:00
Date Received: 08/16/21 12:00

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		08/17/21 09:13	08/18/21 01:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/17/21 09:13	08/18/21 01:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/17/21 09:13	08/18/21 01:24	1
m-Xylene & p-Xylene	<0.00400	U *- *1	0.00400		mg/Kg		08/17/21 09:13	08/18/21 01:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/17/21 09:13	08/18/21 01:24	1
Xylenes, Total	<0.00400	U *- *1	0.00400		mg/Kg		08/17/21 09:13	08/18/21 01:24	1
Total BTEX	<0.00400	U *- *1	0.00400		mg/Kg		08/17/21 09:13	08/18/21 01:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*08/17/21 09:13*	*08/18/21 01:24*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*08/17/21 09:13*	*08/18/21 01:24*	*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		08/17/21 15:04	08/17/21 23:20	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/17/21 15:04	08/17/21 23:20	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/17/21 15:04	08/17/21 23:20	1
Total TPH	<49.8	U	49.8		mg/Kg		08/17/21 15:04	08/17/21 23:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 130*	*08/17/21 15:04*	*08/17/21 23:20*	*1*
o-Terphenyl	*99*		*70 - 130*	*08/17/21 15:04*	*08/17/21 23:20*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**21.4**		4.95		mg/Kg			08/18/21 01:32	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1114-1
SDG: Eddy County, New Mexico

Client Sample ID: BH-29 (5')

Lab Sample ID: 890-1114-4
Matrix: Solid
Date Collected: 08/16/21 00:00
Date Received: 08/16/21 12:00

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		08/17/21 09:13	08/18/21 01:44	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/17/21 09:13	08/18/21 01:44	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/17/21 09:13	08/18/21 01:44	1
m-Xylene & p-Xylene	<0.00398	U *- *1	0.00398		mg/Kg		08/17/21 09:13	08/18/21 01:44	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/17/21 09:13	08/18/21 01:44	1
Xylenes, Total	<0.00398	U *- *1	0.00398		mg/Kg		08/17/21 09:13	08/18/21 01:44	1
Total BTEX	<0.00398	U *- *1	0.00398		mg/Kg		08/17/21 09:13	08/18/21 01:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*08/17/21 09:13*	*08/18/21 01:44*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*08/17/21 09:13*	*08/18/21 01:44*	*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		08/17/21 15:04	08/17/21 23:41	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/17/21 15:04	08/17/21 23:41	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/17/21 15:04	08/17/21 23:41	1
Total TPH	<49.9	U	49.9		mg/Kg		08/17/21 15:04	08/17/21 23:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*08/17/21 15:04*	*08/17/21 23:41*	*1*
o-Terphenyl	*103*		*70 - 130*	*08/17/21 15:04*	*08/17/21 23:41*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**21.6**		5.00		mg/Kg			08/18/21 01:49	1

Client Sample ID: BH-33 (5')

Lab Sample ID: 890-1114-5
Matrix: Solid
Date Collected: 08/16/21 00:00
Date Received: 08/16/21 12:00

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		08/17/21 09:13	08/18/21 02:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/17/21 09:13	08/18/21 02:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/17/21 09:13	08/18/21 02:05	1
m-Xylene & p-Xylene	<0.00401	U *- *1	0.00401		mg/Kg		08/17/21 09:13	08/18/21 02:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/17/21 09:13	08/18/21 02:05	1
Xylenes, Total	<0.00401	U *- *1	0.00401		mg/Kg		08/17/21 09:13	08/18/21 02:05	1
Total BTEX	<0.00401	U *- *1	0.00401		mg/Kg		08/17/21 09:13	08/18/21 02:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*08/17/21 09:13*	*08/18/21 02:05*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*08/17/21 09:13*	*08/18/21 02:05*	*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		08/17/21 15:04	08/18/21 00:02	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1114-1
SDG: Eddy County, New Mexico

Client Sample ID: BH-33 (5')

Lab Sample ID: 890-1114-5
Matrix: Solid
Date Collected: 08/16/21 00:00
Date Received: 08/16/21 12:00

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)	<49.8	U	49.8		mg/Kg		08/17/21 15:04	08/18/21 00:02	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/17/21 15:04	08/18/21 00:02	1
Total TPH	<49.8	U	49.8		mg/Kg		08/17/21 15:04	08/18/21 00:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*08/17/21 15:04*	*08/18/21 00:02*	*1*
o-Terphenyl	*101*		*70 - 130*	*08/17/21 15:04*	*08/18/21 00:02*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**26.3**		5.01		mg/Kg			08/18/21 01:55	1

Client Sample ID: SW-9 (12')

Lab Sample ID: 890-1114-6
Matrix: Solid
Date Collected: 08/16/21 00:00
Date Received: 08/16/21 12:00

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		08/17/21 09:13	08/18/21 02:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/17/21 09:13	08/18/21 02:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/17/21 09:13	08/18/21 02:25	1
m-Xylene & p-Xylene	<0.00399	U *- *1	0.00399		mg/Kg		08/17/21 09:13	08/18/21 02:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/17/21 09:13	08/18/21 02:25	1
Xylenes, Total	<0.00399	U *- *1	0.00399		mg/Kg		08/17/21 09:13	08/18/21 02:25	1
Total BTEX	<0.00399	U *- *1	0.00399		mg/Kg		08/17/21 09:13	08/18/21 02:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*08/17/21 09:13*	*08/18/21 02:25*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*08/17/21 09:13*	*08/18/21 02:25*	*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		08/17/21 15:04	08/18/21 00:24	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/17/21 15:04	08/18/21 00:24	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/17/21 15:04	08/18/21 00:24	1
Total TPH	<49.9	U	49.9		mg/Kg		08/17/21 15:04	08/18/21 00:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*08/17/21 15:04*	*08/18/21 00:24*	*1*
o-Terphenyl	*104*		*70 - 130*	*08/17/21 15:04*	*08/18/21 00:24*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**22.4**		4.97		mg/Kg			08/18/21 02:12	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1114-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-20 (12')

Lab Sample ID: 890-1114-7
Matrix: Solid
Date Collected: 08/16/21 00:00
Date Received: 08/16/21 12:00

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		08/17/21 09:13	08/18/21 02:46	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/17/21 09:13	08/18/21 02:46	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/17/21 09:13	08/18/21 02:46	1
m-Xylene & p-Xylene	<0.00403	U *- *1	0.00403		mg/Kg		08/17/21 09:13	08/18/21 02:46	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/17/21 09:13	08/18/21 02:46	1
Xylenes, Total	<0.00403	U *- *1	0.00403		mg/Kg		08/17/21 09:13	08/18/21 02:46	1
Total BTEX	<0.00403	U *- *1	0.00403		mg/Kg		08/17/21 09:13	08/18/21 02:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*08/17/21 09:13*	*08/18/21 02:46*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*08/17/21 09:13*	*08/18/21 02:46*	*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		08/17/21 15:04	08/18/21 00:45	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/17/21 15:04	08/18/21 00:45	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/17/21 15:04	08/18/21 00:45	1
Total TPH	<49.8	U	49.8		mg/Kg		08/17/21 15:04	08/18/21 00:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*08/17/21 15:04*	*08/18/21 00:45*	*1*
o-Terphenyl	*103*		*70 - 130*	*08/17/21 15:04*	*08/18/21 00:45*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**20.9**		4.96		mg/Kg			08/18/21 02:17	1

Client Sample ID: SW-35 (5')

Lab Sample ID: 890-1114-8
Matrix: Solid
Date Collected: 08/16/21 00:00
Date Received: 08/16/21 12:00

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		08/17/21 09:13	08/18/21 03:06	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/17/21 09:13	08/18/21 03:06	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/17/21 09:13	08/18/21 03:06	1
m-Xylene & p-Xylene	<0.00398	U *- *1	0.00398		mg/Kg		08/17/21 09:13	08/18/21 03:06	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/17/21 09:13	08/18/21 03:06	1
Xylenes, Total	<0.00398	U *- *1	0.00398		mg/Kg		08/17/21 09:13	08/18/21 03:06	1
Total BTEX	<0.00398	U *- *1	0.00398		mg/Kg		08/17/21 09:13	08/18/21 03:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*08/17/21 09:13*	*08/18/21 03:06*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*08/17/21 09:13*	*08/18/21 03:06*	*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		08/17/21 15:04	08/18/21 01:07	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1114-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-35 (5')

Lab Sample ID: 890-1114-8
Matrix: Solid
Date Collected: 08/16/21 00:00
Date Received: 08/16/21 12:00

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)	<49.9	U	49.9		mg/Kg		08/17/21 15:04	08/18/21 01:07	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/17/21 15:04	08/18/21 01:07	1
Total TPH	<49.9	U	49.9		mg/Kg		08/17/21 15:04	08/18/21 01:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*08/17/21 15:04*	*08/18/21 01:07*	*1*
o-Terphenyl	*101*		*70 - 130*	*08/17/21 15:04*	*08/18/21 01:07*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**28.0**		5.00		mg/Kg			08/18/21 02:23	1

Client Sample ID: SW-38 (4')

Lab Sample ID: 890-1114-9
Matrix: Solid
Date Collected: 08/16/21 00:00
Date Received: 08/16/21 12:00

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		08/17/21 09:13	08/18/21 03:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/17/21 09:13	08/18/21 03:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/17/21 09:13	08/18/21 03:26	1
m-Xylene & p-Xylene	<0.00399	U *- *1	0.00399		mg/Kg		08/17/21 09:13	08/18/21 03:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/17/21 09:13	08/18/21 03:26	1
Xylenes, Total	<0.00399	U *- *1	0.00399		mg/Kg		08/17/21 09:13	08/18/21 03:26	1
Total BTEX	<0.00399	U *- *1	0.00399		mg/Kg		08/17/21 09:13	08/18/21 03:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*08/17/21 09:13*	*08/18/21 03:26*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*08/17/21 09:13*	*08/18/21 03:26*	*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		08/17/21 15:04	08/18/21 01:28	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/17/21 15:04	08/18/21 01:28	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/17/21 15:04	08/18/21 01:28	1
Total TPH	<49.9	U	49.9		mg/Kg		08/17/21 15:04	08/18/21 01:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*08/17/21 15:04*	*08/18/21 01:28*	*1*
o-Terphenyl	*103*		*70 - 130*	*08/17/21 15:04*	*08/18/21 01:28*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**24.8**		5.00		mg/Kg			08/18/21 02:28	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1114-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-58 (5')

Lab Sample ID: 890-1114-10
Matrix: Solid
Date Collected: 08/16/21 00:00
Date Received: 08/16/21 12:00

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		08/17/21 09:13	08/18/21 03:47	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/17/21 09:13	08/18/21 03:47	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/17/21 09:13	08/18/21 03:47	1
m-Xylene & p-Xylene	<0.00398	U *- *1	0.00398		mg/Kg		08/17/21 09:13	08/18/21 03:47	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/17/21 09:13	08/18/21 03:47	1
Xylenes, Total	<0.00398	U *- *1	0.00398		mg/Kg		08/17/21 09:13	08/18/21 03:47	1
Total BTEX	<0.00398	U *- *1	0.00398		mg/Kg		08/17/21 09:13	08/18/21 03:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*	*08/17/21 09:13*	*08/18/21 03:47*	*1*
1,4-Difluorobenzene (Surr)	*70*		*70 - 130*	*08/17/21 09:13*	*08/18/21 03:47*	*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		08/17/21 15:04	08/18/21 01:50	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/17/21 15:04	08/18/21 01:50	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/17/21 15:04	08/18/21 01:50	1
Total TPH	<49.8	U	49.8		mg/Kg		08/17/21 15:04	08/18/21 01:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*70 - 130*	*08/17/21 15:04*	*08/18/21 01:50*	*1*
o-Terphenyl	*103*		*70 - 130*	*08/17/21 15:04*	*08/18/21 01:50*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**24.5**		4.96		mg/Kg			08/18/21 02:34	1

Client Sample ID: SW-62 (12')

Lab Sample ID: 890-1114-11
Matrix: Solid
Date Collected: 08/16/21 00:00
Date Received: 08/16/21 12:00

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		08/17/21 09:13	08/18/21 05:09	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/17/21 09:13	08/18/21 05:09	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/17/21 09:13	08/18/21 05:09	1
m-Xylene & p-Xylene	<0.00398	U *- *1	0.00398		mg/Kg		08/17/21 09:13	08/18/21 05:09	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/17/21 09:13	08/18/21 05:09	1
Xylenes, Total	<0.00398	U *- *1	0.00398		mg/Kg		08/17/21 09:13	08/18/21 05:09	1
Total BTEX	<0.00398	U *- *1	0.00398		mg/Kg		08/17/21 09:13	08/18/21 05:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*08/17/21 09:13*	*08/18/21 05:09*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*08/17/21 09:13*	*08/18/21 05:09*	*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		08/17/21 15:04	08/18/21 02:34	1

Client Sample Results

Client: Tetra Tech, Inc. Job ID: 890-1114-1
Project/Site: Falcon CDP SDG: Eddy County, New Mexico

Client Sample ID: SW-62 (12')

Lab Sample ID: 890-1114-11
Date Collected: 08/16/21 00:00 **Matrix: Solid**
Date Received: 08/16/21 12:00

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)	<50.0	U	50.0		mg/Kg		08/17/21 15:04	08/18/21 02:34	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/17/21 15:04	08/18/21 02:34	1
Total TPH	<50.0	U	50.0		mg/Kg		08/17/21 15:04	08/18/21 02:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*106*		*70 - 130*	*08/17/21 15:04*	*08/18/21 02:34*	*1*
o-Terphenyl	*117*		*70 - 130*	*08/17/21 15:04*	*08/18/21 02:34*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**23.7**		4.95		mg/Kg			08/18/21 02:40	1

Client Sample ID: SW-63 (12')

Lab Sample ID: 890-1114-12
Date Collected: 08/16/21 00:00 **Matrix: Solid**
Date Received: 08/16/21 12:00

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		08/17/21 09:13	08/18/21 05:29	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/17/21 09:13	08/18/21 05:29	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/17/21 09:13	08/18/21 05:29	1
m-Xylene & p-Xylene	<0.00402	U *- *1	0.00402		mg/Kg		08/17/21 09:13	08/18/21 05:29	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/17/21 09:13	08/18/21 05:29	1
Xylenes, Total	<0.00402	U *- *1	0.00402		mg/Kg		08/17/21 09:13	08/18/21 05:29	1
Total BTEX	<0.00402	U *- *1	0.00402		mg/Kg		08/17/21 09:13	08/18/21 05:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*08/17/21 09:13*	*08/18/21 05:29*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*08/17/21 09:13*	*08/18/21 05:29*	*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		08/17/21 15:04	08/18/21 02:54	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/17/21 15:04	08/18/21 02:54	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/17/21 15:04	08/18/21 02:54	1
Total TPH	<50.0	U	50.0		mg/Kg		08/17/21 15:04	08/18/21 02:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*08/17/21 15:04*	*08/18/21 02:54*	*1*
o-Terphenyl	*102*		*70 - 130*	*08/17/21 15:04*	*08/18/21 02:54*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**22.1**		4.97		mg/Kg			08/18/21 02:45	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1114-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-70 (5')

Lab Sample ID: 890-1114-13
Matrix: Solid
Date Collected: 08/16/21 00:00
Date Received: 08/16/21 12:00

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		08/17/21 09:13	08/18/21 05:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/17/21 09:13	08/18/21 05:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/17/21 09:13	08/18/21 05:50	1
m-Xylene & p-Xylene	<0.00400	U *- *1	0.00400		mg/Kg		08/17/21 09:13	08/18/21 05:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/17/21 09:13	08/18/21 05:50	1
Xylenes, Total	<0.00400	U *- *1	0.00400		mg/Kg		08/17/21 09:13	08/18/21 05:50	1
Total BTEX	<0.00400	U *- *1	0.00400		mg/Kg		08/17/21 09:13	08/18/21 05:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*08/17/21 09:13*	*08/18/21 05:50*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*08/17/21 09:13*	*08/18/21 05:50*	*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		08/17/21 15:04	08/18/21 03:15	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/17/21 15:04	08/18/21 03:15	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/17/21 15:04	08/18/21 03:15	1
Total TPH	<49.9	U	49.9		mg/Kg		08/17/21 15:04	08/18/21 03:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*70 - 130*	*08/17/21 15:04*	*08/18/21 03:15*	*1*
o-Terphenyl	*107*		*70 - 130*	*08/17/21 15:04*	*08/18/21 03:15*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**24.6**		4.98		mg/Kg			08/18/21 04:09	1

Client Sample ID: SW-71 (4')

Lab Sample ID: 890-1114-14
Matrix: Solid
Date Collected: 08/16/21 00:00
Date Received: 08/16/21 12:00

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		08/17/21 09:13	08/18/21 06:10	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/17/21 09:13	08/18/21 06:10	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/17/21 09:13	08/18/21 06:10	1
m-Xylene & p-Xylene	<0.00398	U *- *1	0.00398		mg/Kg		08/17/21 09:13	08/18/21 06:10	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/17/21 09:13	08/18/21 06:10	1
Xylenes, Total	<0.00398	U *- *1	0.00398		mg/Kg		08/17/21 09:13	08/18/21 06:10	1
Total BTEX	<0.00398	U *- *1	0.00398		mg/Kg		08/17/21 09:13	08/18/21 06:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*132*	*S1+*	*70 - 130*	*08/17/21 09:13*	*08/18/21 06:10*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*08/17/21 09:13*	*08/18/21 06:10*	*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		08/17/21 15:04	08/18/21 03:36	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1114-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-71 (4')

Lab Sample ID: 890-1114-14
Matrix: Solid
Date Collected: 08/16/21 00:00
Date Received: 08/16/21 12:00

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)	<49.9	U	49.9		mg/Kg		08/17/21 15:04	08/18/21 03:36	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/17/21 15:04	08/18/21 03:36	1
Total TPH	<49.9	U	49.9		mg/Kg		08/17/21 15:04	08/18/21 03:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*08/17/21 15:04*	*08/18/21 03:36*	*1*
o-Terphenyl	*103*		*70 - 130*	*08/17/21 15:04*	*08/18/21 03:36*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**25.2**		4.96		mg/Kg			08/18/21 04:16	1

Client Sample ID: SW-72 (4')

Lab Sample ID: 890-1114-15
Matrix: Solid
Date Collected: 08/16/21 00:00
Date Received: 08/16/21 12:00

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		08/17/21 09:13	08/18/21 06:31	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/17/21 09:13	08/18/21 06:31	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/17/21 09:13	08/18/21 06:31	1
m-Xylene & p-Xylene	<0.00398	U *- *1	0.00398		mg/Kg		08/17/21 09:13	08/18/21 06:31	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/17/21 09:13	08/18/21 06:31	1
Xylenes, Total	<0.00398	U *- *1	0.00398		mg/Kg		08/17/21 09:13	08/18/21 06:31	1
Total BTEX	<0.00398	U *- *1	0.00398		mg/Kg		08/17/21 09:13	08/18/21 06:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*08/17/21 09:13*	*08/18/21 06:31*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*08/17/21 09:13*	*08/18/21 06:31*	*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		08/17/21 15:04	08/18/21 03:57	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/17/21 15:04	08/18/21 03:57	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/17/21 15:04	08/18/21 03:57	1
Total TPH	<49.8	U	49.8		mg/Kg		08/17/21 15:04	08/18/21 03:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*108*		*70 - 130*	*08/17/21 15:04*	*08/18/21 03:57*	*1*
o-Terphenyl	*120*		*70 - 130*	*08/17/21 15:04*	*08/18/21 03:57*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**24.6**		5.05		mg/Kg			08/18/21 04:24	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1114-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-73 (4')

Lab Sample ID: 890-1114-16
Matrix: Solid
Date Collected: 08/16/21 00:00
Date Received: 08/16/21 12:00

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		08/17/21 09:13	08/18/21 06:51	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/17/21 09:13	08/18/21 06:51	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/17/21 09:13	08/18/21 06:51	1
m-Xylene & p-Xylene	<0.00398	U *- *1	0.00398		mg/Kg		08/17/21 09:13	08/18/21 06:51	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/17/21 09:13	08/18/21 06:51	1
Xylenes, Total	<0.00398	U *- *1	0.00398		mg/Kg		08/17/21 09:13	08/18/21 06:51	1
Total BTEX	<0.00398	U *- *1	0.00398		mg/Kg		08/17/21 09:13	08/18/21 06:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*08/17/21 09:13*	*08/18/21 06:51*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*08/17/21 09:13*	*08/18/21 06:51*	*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		08/17/21 15:04	08/18/21 04:18	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/17/21 15:04	08/18/21 04:18	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/17/21 15:04	08/18/21 04:18	1
Total TPH	<49.9	U	49.9		mg/Kg		08/17/21 15:04	08/18/21 04:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*08/17/21 15:04*	*08/18/21 04:18*	*1*
o-Terphenyl	*106*		*70 - 130*	*08/17/21 15:04*	*08/18/21 04:18*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**23.7**		5.04		mg/Kg			08/18/21 04:46	1

Client Sample ID: SW-74 (4')

Lab Sample ID: 890-1114-17
Matrix: Solid
Date Collected: 08/16/21 00:00
Date Received: 08/16/21 12:00

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		08/17/21 09:13	08/18/21 07:12	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/17/21 09:13	08/18/21 07:12	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/17/21 09:13	08/18/21 07:12	1
m-Xylene & p-Xylene	<0.00396	U *- *1	0.00396		mg/Kg		08/17/21 09:13	08/18/21 07:12	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/17/21 09:13	08/18/21 07:12	1
Xylenes, Total	<0.00396	U *- *1	0.00396		mg/Kg		08/17/21 09:13	08/18/21 07:12	1
Total BTEX	<0.00396	U *- *1	0.00396		mg/Kg		08/17/21 09:13	08/18/21 07:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*08/17/21 09:13*	*08/18/21 07:12*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*08/17/21 09:13*	*08/18/21 07:12*	*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		08/17/21 15:04	08/18/21 04:39	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1114-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-74 (4')

Lab Sample ID: 890-1114-17
Matrix: Solid
Date Collected: 08/16/21 00:00
Date Received: 08/16/21 12:00

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)	<50.0	U	50.0		mg/Kg		08/17/21 15:04	08/18/21 04:39	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/17/21 15:04	08/18/21 04:39	1
Total TPH	<50.0	U	50.0		mg/Kg		08/17/21 15:04	08/18/21 04:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*109*		*70 - 130*	*08/17/21 15:04*	*08/18/21 04:39*	*1*
o-Terphenyl	*118*		*70 - 130*	*08/17/21 15:04*	*08/18/21 04:39*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**25.4**		4.98		mg/Kg			08/18/21 04:54	1

Client Sample ID: SW-75 (4')

Lab Sample ID: 890-1114-18
Matrix: Solid
Date Collected: 08/16/21 00:00
Date Received: 08/16/21 12:00

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		08/17/21 09:13	08/18/21 07:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/17/21 09:13	08/18/21 07:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/17/21 09:13	08/18/21 07:32	1
m-Xylene & p-Xylene	<0.00399	U *- *1	0.00399		mg/Kg		08/17/21 09:13	08/18/21 07:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/17/21 09:13	08/18/21 07:32	1
Xylenes, Total	<0.00399	U *- *1	0.00399		mg/Kg		08/17/21 09:13	08/18/21 07:32	1
Total BTEX	<0.00399	U *- *1	0.00399		mg/Kg		08/17/21 09:13	08/18/21 07:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*08/17/21 09:13*	*08/18/21 07:32*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*08/17/21 09:13*	*08/18/21 07:32*	*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		08/17/21 15:04	08/18/21 05:00	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/17/21 15:04	08/18/21 05:00	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/17/21 15:04	08/18/21 05:00	1
Total TPH	<49.8	U	49.8		mg/Kg		08/17/21 15:04	08/18/21 05:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*08/17/21 15:04*	*08/18/21 05:00*	*1*
o-Terphenyl	*99*		*70 - 130*	*08/17/21 15:04*	*08/18/21 05:00*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**24.5**		4.95		mg/Kg			08/18/21 05:01	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1114-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-76 (4')

Lab Sample ID: 890-1114-19
Matrix: Solid
Date Collected: 08/16/21 00:00
Date Received: 08/16/21 12:00

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		08/17/21 09:13	08/18/21 07:52	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/17/21 09:13	08/18/21 07:52	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/17/21 09:13	08/18/21 07:52	1
m-Xylene & p-Xylene	<0.00397	U *- *1	0.00397		mg/Kg		08/17/21 09:13	08/18/21 07:52	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/17/21 09:13	08/18/21 07:52	1
Xylenes, Total	<0.00397	U *- *1	0.00397		mg/Kg		08/17/21 09:13	08/18/21 07:52	1
Total BTEX	<0.00397	U *- *1	0.00397		mg/Kg		08/17/21 09:13	08/18/21 07:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*	*08/17/21 09:13*	*08/18/21 07:52*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*08/17/21 09:13*	*08/18/21 07:52*	*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		08/17/21 15:04	08/18/21 05:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/17/21 15:04	08/18/21 05:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/17/21 15:04	08/18/21 05:21	1
Total TPH	<50.0	U	50.0		mg/Kg		08/17/21 15:04	08/18/21 05:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*08/17/21 15:04*	*08/18/21 05:21*	*1*
o-Terphenyl	*100*		*70 - 130*	*08/17/21 15:04*	*08/18/21 05:21*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**21.3**		4.95		mg/Kg			08/18/21 05:09	1

Client Sample ID: SW-77 (4')

Lab Sample ID: 890-1114-20
Matrix: Solid
Date Collected: 08/16/21 00:00
Date Received: 08/16/21 12:00

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		08/17/21 09:13	08/18/21 08:13	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/17/21 09:13	08/18/21 08:13	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/17/21 09:13	08/18/21 08:13	1
m-Xylene & p-Xylene	<0.00398	U *- *1	0.00398		mg/Kg		08/17/21 09:13	08/18/21 08:13	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/17/21 09:13	08/18/21 08:13	1
Xylenes, Total	<0.00398	U *- *1	0.00398		mg/Kg		08/17/21 09:13	08/18/21 08:13	1
Total BTEX	<0.00398	U *- *1	0.00398		mg/Kg		08/17/21 09:13	08/18/21 08:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*83*		*70 - 130*	*08/17/21 09:13*	*08/18/21 08:13*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*08/17/21 09:13*	*08/18/21 08:13*	*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		08/17/21 15:04	08/18/21 05:41	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1114-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-77 (4')

Lab Sample ID: 890-1114-20
Date Collected: 08/16/21 00:00
Matrix: Solid
Date Received: 08/16/21 12:00

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)	<50.0	U	50.0		mg/Kg		08/17/21 15:04	08/18/21 05:41	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/17/21 15:04	08/18/21 05:41	1
Total TPH	<50.0	U	50.0		mg/Kg		08/17/21 15:04	08/18/21 05:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*08/17/21 15:04*	*08/18/21 05:41*	*1*
o-Terphenyl	*103*		*70 - 130*	*08/17/21 15:04*	*08/18/21 05:41*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**22.3**		5.00		mg/Kg			08/18/21 05:16	1

Client Sample ID: SW-78 (5')

Lab Sample ID: 890-1114-21
Date Collected: 08/16/21 00:00
Matrix: Solid
Date Received: 08/16/21 12:00

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		08/16/21 15:45	08/17/21 20:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/16/21 15:45	08/17/21 20:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/16/21 15:45	08/17/21 20:18	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/16/21 15:45	08/17/21 20:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/16/21 15:45	08/17/21 20:18	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/16/21 15:45	08/17/21 20:18	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		08/16/21 15:45	08/17/21 20:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*08/16/21 15:45*	*08/17/21 20:18*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*08/16/21 15:45*	*08/17/21 20:18*	*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		08/17/21 15:18	08/18/21 16:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U *- *1	50.0		mg/Kg		08/17/21 15:18	08/18/21 16:36	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/17/21 15:18	08/18/21 16:36	1
Total TPH	<50.0	U	50.0		mg/Kg		08/17/21 15:18	08/18/21 16:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 130*	*08/17/21 15:18*	*08/18/21 16:36*	*1*
o-Terphenyl	*102*		*70 - 130*	*08/17/21 15:18*	*08/18/21 16:36*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**24.6**		5.00		mg/Kg			08/18/21 05:23	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1114-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-79 (5')

Lab Sample ID: 890-1114-22
Matrix: Solid
Date Collected: 08/16/21 00:00
Date Received: 08/16/21 12:00

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		08/16/21 15:45	08/17/21 20:39	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/16/21 15:45	08/17/21 20:39	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/16/21 15:45	08/17/21 20:39	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/16/21 15:45	08/17/21 20:39	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/16/21 15:45	08/17/21 20:39	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/16/21 15:45	08/17/21 20:39	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		08/16/21 15:45	08/17/21 20:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*08/16/21 15:45*	*08/17/21 20:39*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*08/16/21 15:45*	*08/17/21 20:39*	*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		08/17/21 15:18	08/18/21 16:56	1
Diesel Range Organics (Over C10-C28)	<49.8	U *- *1	49.8		mg/Kg		08/17/21 15:18	08/18/21 16:56	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/17/21 15:18	08/18/21 16:56	1
Total TPH	<49.8	U	49.8		mg/Kg		08/17/21 15:18	08/18/21 16:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*70 - 130*	*08/17/21 15:18*	*08/18/21 16:56*	*1*
o-Terphenyl	*106*		*70 - 130*	*08/17/21 15:18*	*08/18/21 16:56*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**22.2**		5.01		mg/Kg			08/18/21 05:46	1

Client Sample ID: SW-80 (5')

Lab Sample ID: 890-1114-23
Matrix: Solid
Date Collected: 08/16/21 00:00
Date Received: 08/16/21 12:00

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		08/16/21 15:45	08/17/21 20:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/16/21 15:45	08/17/21 20:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/16/21 15:45	08/17/21 20:59	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/16/21 15:45	08/17/21 20:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/16/21 15:45	08/17/21 20:59	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/16/21 15:45	08/17/21 20:59	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		08/16/21 15:45	08/17/21 20:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*127*		*70 - 130*	*08/16/21 15:45*	*08/17/21 20:59*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*08/16/21 15:45*	*08/17/21 20:59*	*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		08/17/21 15:18	08/18/21 17:17	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1114-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-80 (5')

Lab Sample ID: 890-1114-23
Date Collected: 08/16/21 00:00
Matrix: Solid
Date Received: 08/16/21 12:00

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)	<50.0	U *- *1	50.0		mg/Kg		08/17/21 15:18	08/18/21 17:17	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/17/21 15:18	08/18/21 17:17	1
Total TPH	<50.0	U	50.0		mg/Kg		08/17/21 15:18	08/18/21 17:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*08/17/21 15:18*	*08/18/21 17:17*	*1*
o-Terphenyl	*104*		*70 - 130*	*08/17/21 15:18*	*08/18/21 17:17*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**21.5**		4.98		mg/Kg			08/18/21 05:53	1

Client Sample ID: SW-81 (5')

Lab Sample ID: 890-1114-24
Date Collected: 08/16/21 00:00
Matrix: Solid
Date Received: 08/16/21 12:00

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		08/16/21 15:45	08/17/21 21:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/16/21 15:45	08/17/21 21:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/16/21 15:45	08/17/21 21:20	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/16/21 15:45	08/17/21 21:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/16/21 15:45	08/17/21 21:20	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/16/21 15:45	08/17/21 21:20	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		08/16/21 15:45	08/17/21 21:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*127*		*70 - 130*	*08/16/21 15:45*	*08/17/21 21:20*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*08/16/21 15:45*	*08/17/21 21:20*	*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		08/17/21 15:18	08/18/21 17:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U *- *1	50.0		mg/Kg		08/17/21 15:18	08/18/21 17:47	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/17/21 15:18	08/18/21 17:47	1
Total TPH	<50.0	U	50.0		mg/Kg		08/17/21 15:18	08/18/21 17:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 130*	*08/17/21 15:18*	*08/18/21 17:47*	*1*
o-Terphenyl	*99*		*70 - 130*	*08/17/21 15:18*	*08/18/21 17:47*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**23.7**		5.05		mg/Kg			08/18/21 06:16	1

Surrogate Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1114-1
SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
890-1114-1	BH-4 (12')	121	101
890-1114-1 MS	BH-4 (12')	111	106
890-1114-2	BH-20 (4')	116	97
890-1114-3	SW-29 (2')	112	95
890-1114-4	BH-29 (5')	107	99
890-1114-5	BH-33 (5')	103	98
890-1114-6	SW-9 (12')	104	97
890-1114-7	SW-20 (12')	110	96
890-1114-8	SW-35 (5')	117	93
890-1114-9	SW-38 (4')	101	89
890-1114-10	SW-58 (5')	118	70
890-1114-11	SW-62 (12')	112	99
890-1114-12	SW-63 (12')	120	97
890-1114-13	SW-70 (5')	100	102
890-1114-14	SW-71 (4')	132 S1+	100
890-1114-15	SW-72 (4')	108	85
890-1114-16	SW-73 (4')	116	96
890-1114-17	SW-74 (4')	110	99
890-1114-18	SW-75 (4')	112	97
890-1114-19	SW-76 (4')	121	95
890-1114-20	SW-77 (4')	83	92
890-1114-21	SW-78 (5')	117	96
890-1114-22	SW-79 (5')	117	95
890-1114-23	SW-80 (5')	127	97
890-1114-24	SW-81 (5')	127	98
LCS 880-6620/1-A	Lab Control Sample	105	104
LCS 880-6650/1-A	Lab Control Sample	106	105
LCSD 880-6620/2-A	Lab Control Sample Dup	112	104
LCSD 880-6650/2-A	Lab Control Sample Dup	104	104
MB 880-6620/5-A	Method Blank	105	90
MB 880-6650/5-A	Method Blank	105	96

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)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID		
890-1114-1 MSD	BH-4 (12')		

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

Surrogate Summary

Client: Tetra Tech, Inc. Job ID: 890-1114-1
Project/Site: Falcon CDP SDG: Eddy County, New Mexico

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
		1CO1	OTPH1								
Lab Sample ID	Client Sample ID	(70-130)	(70-130)								
880-5172-A-1-G MS	Matrix Spike	93	88								
880-5172-A-1-H MSD	Matrix Spike Duplicate	92	89								
890-1114-1	BH-4 (12')	104	114								
890-1114-1 MS	BH-4 (12')	90	88								
890-1114-1 MSD	BH-4 (12')	91	88								
890-1114-2	BH-20 (4')	93	100								
890-1114-3	SW-29 (2')	92	99								
890-1114-4	BH-29 (5')	94	103								
890-1114-5	BH-33 (5')	93	101								
890-1114-6	SW-9 (12')	94	104								
890-1114-7	SW-20 (12')	94	103								
890-1114-8	SW-35 (5')	93	101								
890-1114-9	SW-38 (4')	94	103								
890-1114-10	SW-58 (5')	100	103								
890-1114-11	SW-62 (12')	106	117								
890-1114-12	SW-63 (12')	95	102								
890-1114-13	SW-70 (5')	100	107								
890-1114-14	SW-71 (4')	95	103								
890-1114-15	SW-72 (4')	108	120								
890-1114-16	SW-73 (4')	98	106								
890-1114-17	SW-74 (4')	109	118								
890-1114-18	SW-75 (4')	93	99								
890-1114-19	SW-76 (4')	95	100								
890-1114-20	SW-77 (4')	96	103								
890-1114-21	SW-78 (5')	97	102								
890-1114-22	SW-79 (5')	100	106								
890-1114-23	SW-80 (5')	99	104								
890-1114-24	SW-81 (5')	92	99								
LCS 880-6682/2-A	Lab Control Sample	101	102								
LCS 880-6683/2-A	Lab Control Sample	71	86								
LCSD 880-6682/3-A	Lab Control Sample Dup	100	101								
LCSD 880-6683/3-A	Lab Control Sample Dup	106	107								
MB 880-6682/1-A	Method Blank	93	101								
MB 880-6683/1-A	Method Blank	109	123								

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1114-1
SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-6620/5-A
Matrix: Solid
Analysis Batch: 6654

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 6620

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/16/21 15:45	08/17/21 13:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/16/21 15:45	08/17/21 13:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/16/21 15:45	08/17/21 13:28	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/16/21 15:45	08/17/21 13:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/16/21 15:45	08/17/21 13:28	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/16/21 15:45	08/17/21 13:28	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		08/16/21 15:45	08/17/21 13:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*08/16/21 15:45*	*08/17/21 13:28*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*08/16/21 15:45*	*08/17/21 13:28*	*1*

Lab Sample ID: LCS 880-6620/1-A
Matrix: Solid
Analysis Batch: 6654

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 6620

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			0.100	0.08579		mg/Kg		86	70 - 130		
Toluene			0.100	0.08111		mg/Kg		81	70 - 130		
Ethylbenzene			0.100	0.08072		mg/Kg		81	70 - 130		
m-Xylene & p-Xylene			0.200	0.1621		mg/Kg		81	70 - 130		
o-Xylene			0.100	0.08067		mg/Kg		81	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*

Lab Sample ID: LCSD 880-6620/2-A
Matrix: Solid
Analysis Batch: 6654

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 6620

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			0.100	0.08823		mg/Kg		88	70 - 130	3	35
Toluene			0.100	0.08360		mg/Kg		84	70 - 130	3	35
Ethylbenzene			0.100	0.08701		mg/Kg		87	70 - 130	8	35
m-Xylene & p-Xylene			0.200	0.1768		mg/Kg		88	70 - 130	9	35
o-Xylene			0.100	0.08862		mg/Kg		89	70 - 130	9	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*

Lab Sample ID: MB 880-6650/5-A
Matrix: Solid
Analysis Batch: 6654

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 6650

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/17/21 09:13	08/18/21 00:21	1

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1114-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: MB 880-6650/5-A
Matrix: Solid
Analysis Batch: 6654

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 6650

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00200	U	0.00200		mg/Kg		08/17/21 09:13	08/18/21 00:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/17/21 09:13	08/18/21 00:21	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/17/21 09:13	08/18/21 00:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/17/21 09:13	08/18/21 00:21	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/17/21 09:13	08/18/21 00:21	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		08/17/21 09:13	08/18/21 00:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*08/17/21 09:13*	*08/18/21 00:21*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*08/17/21 09:13*	*08/18/21 00:21*	*1*

Lab Sample ID: LCS 880-6650/1-A
Matrix: Solid
Analysis Batch: 6654

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 6650

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			0.100	0.09190		mg/Kg		92	70 - 130		
Toluene			0.100	0.08606		mg/Kg		86	70 - 130		
Ethylbenzene			0.100	0.08538		mg/Kg		85	70 - 130		
m-Xylene & p-Xylene			0.200	0.1715		mg/Kg		86	70 - 130		
o-Xylene			0.100	0.08640		mg/Kg		86	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*

Lab Sample ID: LCSD 880-6650/2-A
Matrix: Solid
Analysis Batch: 6654

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 6650

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			0.100	0.08639		mg/Kg		86	70 - 130	6	35
Toluene			0.100	0.08176		mg/Kg		82	70 - 130	5	35
Ethylbenzene			0.100	0.07992		mg/Kg		80	70 - 130	7	35
m-Xylene & p-Xylene			0.200	0.07074	*- *1	mg/Kg		35	70 - 130	83	35
o-Xylene			0.100	0.08038		mg/Kg		80	70 - 130	7	35

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

Lab Sample ID: 890-1114-1 MSD
Matrix: Solid
Analysis Batch: 6654

Client Sample ID: BH-4 (12')
Prep Type: Total/NA
Prep Batch: 6650

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.08611		mg/Kg					
Toluene	<0.00200	U	0.100	0.07959		mg/Kg					

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QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1114-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 890-1114-1 MSD
Matrix: Solid
Analysis Batch: 6654

Client Sample ID: BH-4 (12')
Prep Type: Total/NA
Prep Batch: 6650

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylbenzene	<0.00200	U	0.100	0.07863		mg/Kg					
m-Xylene & p-Xylene	<0.00401	U *- *1	0.200	0.1565		mg/Kg					
o-Xylene	<0.00200	U	0.100	0.07987		mg/Kg					

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)			
1,4-Difluorobenzene (Surr)			

Lab Sample ID: 890-1114-1 MS
Matrix: Solid
Analysis Batch: 6654

Client Sample ID: BH-4 (12')
Prep Type: Total/NA

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*

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

Lab Sample ID: MB 880-6682/1-A
Matrix: Solid
Analysis Batch: 6628

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 6682

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		08/17/21 15:04	08/17/21 20:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/17/21 15:04	08/17/21 20:53	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/17/21 15:04	08/17/21 20:53	1
Total TPH	<50.0	U	50.0		mg/Kg		08/17/21 15:04	08/17/21 20:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*08/17/21 15:04*	*08/17/21 20:53*	*1*
o-Terphenyl	*101*		*70 - 130*	*08/17/21 15:04*	*08/17/21 20:53*	*1*

Lab Sample ID: LCS 880-6682/2-A
Matrix: Solid
Analysis Batch: 6628

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 6682

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	840.9		mg/Kg		84	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	867.2		mg/Kg		87	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*101*		*70 - 130*
o-Terphenyl	*102*		*70 - 130*

QC Sample Results

Client: Tetra Tech, Inc. Job ID: 890-1114-1
Project/Site: Falcon CDP SDG: Eddy County, New Mexico

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

Lab Sample ID: LCSD 880-6682/3-A **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 6628 **Prep Batch: 6682**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	821.0		mg/Kg		82	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	854.2		mg/Kg		85	70 - 130	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*100*		*70 - 130*
o-Terphenyl	*101*		*70 - 130*

Lab Sample ID: 890-1114-1 MS **Client Sample ID: BH-4 (12')**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 6628 **Prep Batch: 6682**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	995	910.6		mg/Kg		88	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	995	789.7		mg/Kg		79	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*90*		*70 - 130*
o-Terphenyl	*88*		*70 - 130*

Lab Sample ID: 890-1114-1 MSD **Client Sample ID: BH-4 (12')**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 6628 **Prep Batch: 6682**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	912.7		mg/Kg		88	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	801.1		mg/Kg		80	70 - 130	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*91*		*70 - 130*
o-Terphenyl	*88*		*70 - 130*

Lab Sample ID: MB 880-6683/1-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 6630 **Prep Batch: 6683**

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		08/17/21 15:18	08/18/21 12:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/17/21 15:18	08/18/21 12:14	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/17/21 15:18	08/18/21 12:14	1
Total TPH	<50.0	U	50.0		mg/Kg		08/17/21 15:18	08/18/21 12:14	1

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1114-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: MB 880-6683/1-A
Matrix: Solid
Analysis Batch: 6630

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 6683

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130	08/17/21 15:18	08/18/21 12:14	1
o-Terphenyl	123		70 - 130	08/17/21 15:18	08/18/21 12:14	1

Lab Sample ID: LCS 880-6683/2-A
Matrix: Solid
Analysis Batch: 6630

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 6683

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	425.1	*-	mg/Kg		43	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	521.3	*-	mg/Kg		52	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	71		70 - 130
o-Terphenyl	86		70 - 130

Lab Sample ID: LCSD 880-6683/3-A
Matrix: Solid
Analysis Batch: 6630

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 6683

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1006	*1	mg/Kg		101	70 - 130	81	20
Diesel Range Organics (Over C10-C28)			1000	876.2	*1	mg/Kg		88	70 - 130	51	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	106		70 - 130
o-Terphenyl	107		70 - 130

Lab Sample ID: 880-5172-A-1-G MS
Matrix: Solid
Analysis Batch: 6630

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 6683

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *- *1	995	999.3		mg/Kg		97	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U *- *1	995	829.1		mg/Kg		83	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	93		70 - 130
o-Terphenyl	88		70 - 130

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1114-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-5172-A-1-H MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 6630 — **Prep Batch: 6683**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *- *1	998	932.1		mg/Kg		90	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	<50.0	U *- *1	998	827.7		mg/Kg		83	70 - 130	0	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*92*		*70 - 130*
o-Terphenyl	*89*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-6671/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 6715

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			08/17/21 23:57	1

Lab Sample ID: LCS 880-6671/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 6715

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	258.0		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-6671/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 6715

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	258.3		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 890-1114-3 MS — **Client Sample ID: SW-29 (2')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 6715

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	21.4		248	279.2		mg/Kg		104	90 - 110

Lab Sample ID: 890-1114-3 MSD — **Client Sample ID: SW-29 (2')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 6715

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	21.4		248	279.9		mg/Kg		104	90 - 110	0	20

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1114-1
SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 880-6672/1-A
Matrix: Solid
Analysis Batch: 6716

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			08/18/21 03:17	1

Lab Sample ID: LCS 880-6672/2-A
Matrix: Solid
Analysis Batch: 6716

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride			250	258.5		mg/Kg		103	90 - 110		

Lab Sample ID: LCSD 880-6672/3-A
Matrix: Solid
Analysis Batch: 6716

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	2	20

Lab Sample ID: 890-1114-21 MS
Matrix: Solid
Analysis Batch: 6716

Client Sample ID: SW-78 (5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	24.6		250	273.8		mg/Kg		100	90 - 110		

Lab Sample ID: 890-1114-21 MSD
Matrix: Solid
Analysis Batch: 6716

Client Sample ID: SW-78 (5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	24.6		250	291.0		mg/Kg		107	90 - 110	6	20

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1114-1
SDG: Eddy County, New Mexico

GC VOA

Prep Batch: 6620

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1114-21	SW-78 (5')	Total/NA	Solid	5035	
890-1114-22	SW-79 (5')	Total/NA	Solid	5035	
890-1114-23	SW-80 (5')	Total/NA	Solid	5035	
890-1114-24	SW-81 (5')	Total/NA	Solid	5035	
MB 880-6620/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-6620/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-6620/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 6650

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1114-1	BH-4 (12')	Total/NA	Solid	5035	
890-1114-2	BH-20 (4')	Total/NA	Solid	5035	
890-1114-3	SW-29 (2')	Total/NA	Solid	5035	
890-1114-4	BH-29 (5')	Total/NA	Solid	5035	
890-1114-5	BH-33 (5')	Total/NA	Solid	5035	
890-1114-6	SW-9 (12')	Total/NA	Solid	5035	
890-1114-7	SW-20 (12')	Total/NA	Solid	5035	
890-1114-8	SW-35 (5')	Total/NA	Solid	5035	
890-1114-9	SW-38 (4')	Total/NA	Solid	5035	
890-1114-10	SW-58 (5')	Total/NA	Solid	5035	
890-1114-11	SW-62 (12')	Total/NA	Solid	5035	
890-1114-12	SW-63 (12')	Total/NA	Solid	5035	
890-1114-13	SW-70 (5')	Total/NA	Solid	5035	
890-1114-14	SW-71 (4')	Total/NA	Solid	5035	
890-1114-15	SW-72 (4')	Total/NA	Solid	5035	
890-1114-16	SW-73 (4')	Total/NA	Solid	5035	
890-1114-17	SW-74 (4')	Total/NA	Solid	5035	
890-1114-18	SW-75 (4')	Total/NA	Solid	5035	
890-1114-19	SW-76 (4')	Total/NA	Solid	5035	
890-1114-20	SW-77 (4')	Total/NA	Solid	5035	
MB 880-6650/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-6650/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-6650/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-1114-1 MSD	BH-4 (12')	Total/NA	Solid	5035	

Analysis Batch: 6654

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1114-1	BH-4 (12')	Total/NA	Solid	8021B	6650
890-1114-2	BH-20 (4')	Total/NA	Solid	8021B	6650
890-1114-3	SW-29 (2')	Total/NA	Solid	8021B	6650
890-1114-4	BH-29 (5')	Total/NA	Solid	8021B	6650
890-1114-5	BH-33 (5')	Total/NA	Solid	8021B	6650
890-1114-6	SW-9 (12')	Total/NA	Solid	8021B	6650
890-1114-7	SW-20 (12')	Total/NA	Solid	8021B	6650
890-1114-8	SW-35 (5')	Total/NA	Solid	8021B	6650
890-1114-9	SW-38 (4')	Total/NA	Solid	8021B	6650
890-1114-10	SW-58 (5')	Total/NA	Solid	8021B	6650
890-1114-11	SW-62 (12')	Total/NA	Solid	8021B	6650
890-1114-12	SW-63 (12')	Total/NA	Solid	8021B	6650
890-1114-13	SW-70 (5')	Total/NA	Solid	8021B	6650
890-1114-14	SW-71 (4')	Total/NA	Solid	8021B	6650

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1114-1
SDG: Eddy County, New Mexico

GC VOA (Continued)

Analysis Batch: 6654 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1114-15	SW-72 (4')	Total/NA	Solid	8021B	6650
890-1114-16	SW-73 (4')	Total/NA	Solid	8021B	6650
890-1114-17	SW-74 (4')	Total/NA	Solid	8021B	6650
890-1114-18	SW-75 (4')	Total/NA	Solid	8021B	6650
890-1114-19	SW-76 (4')	Total/NA	Solid	8021B	6650
890-1114-20	SW-77 (4')	Total/NA	Solid	8021B	6650
890-1114-21	SW-78 (5')	Total/NA	Solid	8021B	6620
890-1114-22	SW-79 (5')	Total/NA	Solid	8021B	6620
890-1114-23	SW-80 (5')	Total/NA	Solid	8021B	6620
890-1114-24	SW-81 (5')	Total/NA	Solid	8021B	6620
MB 880-6620/5-A	Method Blank	Total/NA	Solid	8021B	6620
MB 880-6650/5-A	Method Blank	Total/NA	Solid	8021B	6650
LCS 880-6620/1-A	Lab Control Sample	Total/NA	Solid	8021B	6620
LCS 880-6650/1-A	Lab Control Sample	Total/NA	Solid	8021B	6650
LCSD 880-6620/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	6620
LCSD 880-6650/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	6650
890-1114-1 MS	BH-4 (12')	Total/NA	Solid	8021B	
890-1114-1 MSD	BH-4 (12')	Total/NA	Solid	8021B	6650

GC Semi VOA

Analysis Batch: 6628

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1114-1	BH-4 (12')	Total/NA	Solid	8015B NM	6682
890-1114-2	BH-20 (4')	Total/NA	Solid	8015B NM	6682
890-1114-3	SW-29 (2')	Total/NA	Solid	8015B NM	6682
890-1114-4	BH-29 (5')	Total/NA	Solid	8015B NM	6682
890-1114-5	BH-33 (5')	Total/NA	Solid	8015B NM	6682
890-1114-6	SW-9 (12')	Total/NA	Solid	8015B NM	6682
890-1114-7	SW-20 (12')	Total/NA	Solid	8015B NM	6682
890-1114-8	SW-35 (5')	Total/NA	Solid	8015B NM	6682
890-1114-9	SW-38 (4')	Total/NA	Solid	8015B NM	6682
890-1114-10	SW-58 (5')	Total/NA	Solid	8015B NM	6682
890-1114-11	SW-62 (12')	Total/NA	Solid	8015B NM	6682
890-1114-12	SW-63 (12')	Total/NA	Solid	8015B NM	6682
890-1114-13	SW-70 (5')	Total/NA	Solid	8015B NM	6682
890-1114-14	SW-71 (4')	Total/NA	Solid	8015B NM	6682
890-1114-15	SW-72 (4')	Total/NA	Solid	8015B NM	6682
890-1114-16	SW-73 (4')	Total/NA	Solid	8015B NM	6682
890-1114-17	SW-74 (4')	Total/NA	Solid	8015B NM	6682
890-1114-18	SW-75 (4')	Total/NA	Solid	8015B NM	6682
890-1114-19	SW-76 (4')	Total/NA	Solid	8015B NM	6682
890-1114-20	SW-77 (4')	Total/NA	Solid	8015B NM	6682
MB 880-6682/1-A	Method Blank	Total/NA	Solid	8015B NM	6682
LCS 880-6682/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	6682
LCSD 880-6682/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	6682
890-1114-1 MS	BH-4 (12')	Total/NA	Solid	8015B NM	6682
890-1114-1 MSD	BH-4 (12')	Total/NA	Solid	8015B NM	6682

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1114-1
SDG: Eddy County, New Mexico

GC Semi VOA

Analysis Batch: 6630

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1114-21	SW-78 (5')	Total/NA	Solid	8015B NM	6683
890-1114-22	SW-79 (5')	Total/NA	Solid	8015B NM	6683
890-1114-23	SW-80 (5')	Total/NA	Solid	8015B NM	6683
890-1114-24	SW-81 (5')	Total/NA	Solid	8015B NM	6683
MB 880-6683/1-A	Method Blank	Total/NA	Solid	8015B NM	6683
LCS 880-6683/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	6683
LCSD 880-6683/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	6683
880-5172-A-1-G MS	Matrix Spike	Total/NA	Solid	8015B NM	6683
880-5172-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	6683

Prep Batch: 6682

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1114-1	BH-4 (12')	Total/NA	Solid	8015NM Prep	
890-1114-2	BH-20 (4')	Total/NA	Solid	8015NM Prep	
890-1114-3	SW-29 (2')	Total/NA	Solid	8015NM Prep	
890-1114-4	BH-29 (5')	Total/NA	Solid	8015NM Prep	
890-1114-5	BH-33 (5')	Total/NA	Solid	8015NM Prep	
890-1114-6	SW-9 (12')	Total/NA	Solid	8015NM Prep	
890-1114-7	SW-20 (12')	Total/NA	Solid	8015NM Prep	
890-1114-8	SW-35 (5')	Total/NA	Solid	8015NM Prep	
890-1114-9	SW-38 (4')	Total/NA	Solid	8015NM Prep	
890-1114-10	SW-58 (5')	Total/NA	Solid	8015NM Prep	
890-1114-11	SW-62 (12')	Total/NA	Solid	8015NM Prep	
890-1114-12	SW-63 (12')	Total/NA	Solid	8015NM Prep	
890-1114-13	SW-70 (5')	Total/NA	Solid	8015NM Prep	
890-1114-14	SW-71 (4')	Total/NA	Solid	8015NM Prep	
890-1114-15	SW-72 (4')	Total/NA	Solid	8015NM Prep	
890-1114-16	SW-73 (4')	Total/NA	Solid	8015NM Prep	
890-1114-17	SW-74 (4')	Total/NA	Solid	8015NM Prep	
890-1114-18	SW-75 (4')	Total/NA	Solid	8015NM Prep	
890-1114-19	SW-76 (4')	Total/NA	Solid	8015NM Prep	
890-1114-20	SW-77 (4')	Total/NA	Solid	8015NM Prep	
MB 880-6682/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-6682/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-6682/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1114-1 MS	BH-4 (12')	Total/NA	Solid	8015NM Prep	
890-1114-1 MSD	BH-4 (12')	Total/NA	Solid	8015NM Prep	

Prep Batch: 6683

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1114-21	SW-78 (5')	Total/NA	Solid	8015NM Prep	
890-1114-22	SW-79 (5')	Total/NA	Solid	8015NM Prep	
890-1114-23	SW-80 (5')	Total/NA	Solid	8015NM Prep	
890-1114-24	SW-81 (5')	Total/NA	Solid	8015NM Prep	
MB 880-6683/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-6683/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-6683/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-5172-A-1-G MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-5172-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1114-1
SDG: Eddy County, New Mexico

HPLC/IC

Leach Batch: 6671

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1114-1	BH-4 (12')	Soluble	Solid	DI Leach	
890-1114-2	BH-20 (4')	Soluble	Solid	DI Leach	
890-1114-3	SW-29 (2')	Soluble	Solid	DI Leach	
890-1114-4	BH-29 (5')	Soluble	Solid	DI Leach	
890-1114-5	BH-33 (5')	Soluble	Solid	DI Leach	
890-1114-6	SW-9 (12')	Soluble	Solid	DI Leach	
890-1114-7	SW-20 (12')	Soluble	Solid	DI Leach	
890-1114-8	SW-35 (5')	Soluble	Solid	DI Leach	
890-1114-9	SW-38 (4')	Soluble	Solid	DI Leach	
890-1114-10	SW-58 (5')	Soluble	Solid	DI Leach	
890-1114-11	SW-62 (12')	Soluble	Solid	DI Leach	
890-1114-12	SW-63 (12')	Soluble	Solid	DI Leach	
MB 880-6671/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-6671/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-6671/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-1114-3 MS	SW-29 (2')	Soluble	Solid	DI Leach	
890-1114-3 MSD	SW-29 (2')	Soluble	Solid	DI Leach	

Leach Batch: 6672

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1114-13	SW-70 (5')	Soluble	Solid	DI Leach	
890-1114-14	SW-71 (4')	Soluble	Solid	DI Leach	
890-1114-15	SW-72 (4')	Soluble	Solid	DI Leach	
890-1114-16	SW-73 (4')	Soluble	Solid	DI Leach	
890-1114-17	SW-74 (4')	Soluble	Solid	DI Leach	
890-1114-18	SW-75 (4')	Soluble	Solid	DI Leach	
890-1114-19	SW-76 (4')	Soluble	Solid	DI Leach	
890-1114-20	SW-77 (4')	Soluble	Solid	DI Leach	
890-1114-21	SW-78 (5')	Soluble	Solid	DI Leach	
890-1114-22	SW-79 (5')	Soluble	Solid	DI Leach	
890-1114-23	SW-80 (5')	Soluble	Solid	DI Leach	
890-1114-24	SW-81 (5')	Soluble	Solid	DI Leach	
MB 880-6672/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-6672/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-6672/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-1114-21 MS	SW-78 (5')	Soluble	Solid	DI Leach	
890-1114-21 MSD	SW-78 (5')	Soluble	Solid	DI Leach	

Analysis Batch: 6715

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1114-1	BH-4 (12')	Soluble	Solid	300.0	6671
890-1114-2	BH-20 (4')	Soluble	Solid	300.0	6671
890-1114-3	SW-29 (2')	Soluble	Solid	300.0	6671
890-1114-4	BH-29 (5')	Soluble	Solid	300.0	6671
890-1114-5	BH-33 (5')	Soluble	Solid	300.0	6671
890-1114-6	SW-9 (12')	Soluble	Solid	300.0	6671
890-1114-7	SW-20 (12')	Soluble	Solid	300.0	6671
890-1114-8	SW-35 (5')	Soluble	Solid	300.0	6671
890-1114-9	SW-38 (4')	Soluble	Solid	300.0	6671
890-1114-10	SW-58 (5')	Soluble	Solid	300.0	6671
890-1114-11	SW-62 (12')	Soluble	Solid	300.0	6671

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1114-1
SDG: Eddy County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 6715 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1114-12	SW-63 (12')	Soluble	Solid	300.0	6671
MB 880-6671/1-A	Method Blank	Soluble	Solid	300.0	6671
LCS 880-6671/2-A	Lab Control Sample	Soluble	Solid	300.0	6671
LCSD 880-6671/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	6671
890-1114-3 MS	SW-29 (2')	Soluble	Solid	300.0	6671
890-1114-3 MSD	SW-29 (2')	Soluble	Solid	300.0	6671

Analysis Batch: 6716

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1114-13	SW-70 (5')	Soluble	Solid	300.0	6672
890-1114-14	SW-71 (4')	Soluble	Solid	300.0	6672
890-1114-15	SW-72 (4')	Soluble	Solid	300.0	6672
890-1114-16	SW-73 (4')	Soluble	Solid	300.0	6672
890-1114-17	SW-74 (4')	Soluble	Solid	300.0	6672
890-1114-18	SW-75 (4')	Soluble	Solid	300.0	6672
890-1114-19	SW-76 (4')	Soluble	Solid	300.0	6672
890-1114-20	SW-77 (4')	Soluble	Solid	300.0	6672
890-1114-21	SW-78 (5')	Soluble	Solid	300.0	6672
890-1114-22	SW-79 (5')	Soluble	Solid	300.0	6672
890-1114-23	SW-80 (5')	Soluble	Solid	300.0	6672
890-1114-24	SW-81 (5')	Soluble	Solid	300.0	6672
MB 880-6672/1-A	Method Blank	Soluble	Solid	300.0	6672
LCS 880-6672/2-A	Lab Control Sample	Soluble	Solid	300.0	6672
LCSD 880-6672/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	6672
890-1114-21 MS	SW-78 (5')	Soluble	Solid	300.0	6672
890-1114-21 MSD	SW-78 (5')	Soluble	Solid	300.0	6672

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1114-1
SDG: Eddy County, New Mexico

Client Sample ID: BH-4 (12')

Lab Sample ID: 890-1114-1
Matrix: Solid
Date Collected: 08/16/21 00:00
Date Received: 08/16/21 12:00

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	6650	08/17/21 09:13	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6654	08/18/21 00:43	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	6682	08/17/21 15:04	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6628	08/17/21 21:57	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	6671	08/17/21 12:28	CH	XEN MID
Soluble	Analysis	300.0		1			6715	08/18/21 01:21	CH	XEN MID

Client Sample ID: BH-20 (4')

Lab Sample ID: 890-1114-2
Matrix: Solid
Date Collected: 08/16/21 00:00
Date Received: 08/16/21 12:00

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	6650	08/17/21 09:13	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6654	08/18/21 01:03	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	6682	08/17/21 15:04	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6628	08/17/21 22:59	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	6671	08/17/21 12:28	CH	XEN MID
Soluble	Analysis	300.0		1			6715	08/18/21 01:27	CH	XEN MID

Client Sample ID: SW-29 (2')

Lab Sample ID: 890-1114-3
Matrix: Solid
Date Collected: 08/16/21 00:00
Date Received: 08/16/21 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	6650	08/17/21 09:13	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6654	08/18/21 01:24	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	6682	08/17/21 15:04	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6628	08/17/21 23:20	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	6671	08/17/21 12:28	CH	XEN MID
Soluble	Analysis	300.0		1			6715	08/18/21 01:32	CH	XEN MID

Client Sample ID: BH-29 (5')

Lab Sample ID: 890-1114-4
Matrix: Solid
Date Collected: 08/16/21 00:00
Date Received: 08/16/21 12:00

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	6650	08/17/21 09:13	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6654	08/18/21 01:44	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	6682	08/17/21 15:04	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6628	08/17/21 23:41	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	6671	08/17/21 12:28	CH	XEN MID
Soluble	Analysis	300.0		1			6715	08/18/21 01:49	CH	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1114-1
Project/Site: Falcon CDP SDG: Eddy County, New Mexico

Client Sample ID: BH-33 (5') Lab Sample ID: 890-1114-5

Date Collected: 08/16/21 00:00 **Matrix: Solid**
Date Received: 08/16/21 12:00

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	6650	08/17/21 09:13	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6654	08/18/21 02:05	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	6682	08/17/21 15:04	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6628	08/18/21 00:02	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	6671	08/17/21 12:28	CH	XEN MID
Soluble	Analysis	300.0		1			6715	08/18/21 01:55	CH	XEN MID

Client Sample ID: SW-9 (12') Lab Sample ID: 890-1114-6

Date Collected: 08/16/21 00:00 **Matrix: Solid**
Date Received: 08/16/21 12:00

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	6650	08/17/21 09:13	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6654	08/18/21 02:25	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	6682	08/17/21 15:04	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6628	08/18/21 00:24	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	6671	08/17/21 12:28	CH	XEN MID
Soluble	Analysis	300.0		1			6715	08/18/21 02:12	CH	XEN MID

Client Sample ID: SW-20 (12') Lab Sample ID: 890-1114-7

Date Collected: 08/16/21 00:00 **Matrix: Solid**
Date Received: 08/16/21 12:00

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	6650	08/17/21 09:13	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6654	08/18/21 02:46	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	6682	08/17/21 15:04	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6628	08/18/21 00:45	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	6671	08/17/21 12:28	CH	XEN MID
Soluble	Analysis	300.0		1			6715	08/18/21 02:17	CH	XEN MID

Client Sample ID: SW-35 (5') Lab Sample ID: 890-1114-8

Date Collected: 08/16/21 00:00 **Matrix: Solid**
Date Received: 08/16/21 12:00

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	6650	08/17/21 09:13	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6654	08/18/21 03:06	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	6682	08/17/21 15:04	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6628	08/18/21 01:07	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	6671	08/17/21 12:28	CH	XEN MID
Soluble	Analysis	300.0		1			6715	08/18/21 02:23	CH	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1114-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-38 (4')

Lab Sample ID: 890-1114-9
Matrix: Solid
Date Collected: 08/16/21 00:00
Date Received: 08/16/21 12:00

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	6650	08/17/21 09:13	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6654	08/18/21 03:26	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	6682	08/17/21 15:04	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6628	08/18/21 01:28	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	6671	08/17/21 12:28	CH	XEN MID
Soluble	Analysis	300.0		1			6715	08/18/21 02:28	CH	XEN MID

Client Sample ID: SW-58 (5')

Lab Sample ID: 890-1114-10
Matrix: Solid
Date Collected: 08/16/21 00:00
Date Received: 08/16/21 12:00

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	6650	08/17/21 09:13	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6654	08/18/21 03:47	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	6682	08/17/21 15:04	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6628	08/18/21 01:50	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	6671	08/17/21 12:28	CH	XEN MID
Soluble	Analysis	300.0		1			6715	08/18/21 02:34	CH	XEN MID

Client Sample ID: SW-62 (12')

Lab Sample ID: 890-1114-11
Matrix: Solid
Date Collected: 08/16/21 00:00
Date Received: 08/16/21 12:00

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	6650	08/17/21 09:13	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6654	08/18/21 05:09	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	6682	08/17/21 15:04	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6628	08/18/21 02:34	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	6671	08/17/21 12:28	CH	XEN MID
Soluble	Analysis	300.0		1			6715	08/18/21 02:40	CH	XEN MID

Client Sample ID: SW-63 (12')

Lab Sample ID: 890-1114-12
Matrix: Solid
Date Collected: 08/16/21 00:00
Date Received: 08/16/21 12:00

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	6650	08/17/21 09:13	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6654	08/18/21 05:29	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	6682	08/17/21 15:04	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6628	08/18/21 02:54	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	6671	08/17/21 12:28	CH	XEN MID
Soluble	Analysis	300.0		1			6715	08/18/21 02:45	CH	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1114-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-70 (5')
Date Collected: 08/16/21 00:00
Date Received: 08/16/21 12:00

Lab Sample ID: 890-1114-13
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			5.00 g	5 mL	6650	08/17/21 09:13	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6654	08/18/21 05:50	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	6682	08/17/21 15:04	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6628	08/18/21 03:15	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	6672	08/17/21 12:31	CH	XEN MID
Soluble	Analysis	300.0		1			6716	08/18/21 04:09	CH	XEN MID

Client Sample ID: SW-71 (4')
Date Collected: 08/16/21 00:00
Date Received: 08/16/21 12:00

Lab Sample ID: 890-1114-14
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	6650	08/17/21 09:13	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6654	08/18/21 06:10	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	6682	08/17/21 15:04	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6628	08/18/21 03:36	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	6672	08/17/21 12:31	CH	XEN MID
Soluble	Analysis	300.0		1			6716	08/18/21 04:16	CH	XEN MID

Client Sample ID: SW-72 (4')
Date Collected: 08/16/21 00:00
Date Received: 08/16/21 12:00

Lab Sample ID: 890-1114-15
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	6650	08/17/21 09:13	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6654	08/18/21 06:31	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	6682	08/17/21 15:04	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6628	08/18/21 03:57	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	6672	08/17/21 12:31	CH	XEN MID
Soluble	Analysis	300.0		1			6716	08/18/21 04:24	CH	XEN MID

Client Sample ID: SW-73 (4')
Date Collected: 08/16/21 00:00
Date Received: 08/16/21 12:00

Lab Sample ID: 890-1114-16
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	6650	08/17/21 09:13	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6654	08/18/21 06:51	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	6682	08/17/21 15:04	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6628	08/18/21 04:18	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	6672	08/17/21 12:31	CH	XEN MID
Soluble	Analysis	300.0		1			6716	08/18/21 04:46	CH	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1114-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-74 (4')

Lab Sample ID: 890-1114-17
Matrix: Solid
Date Collected: 08/16/21 00:00
Date Received: 08/16/21 12:00

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	6650	08/17/21 09:13	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6654	08/18/21 07:12	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	6682	08/17/21 15:04	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6628	08/18/21 04:39	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	6672	08/17/21 12:31	CH	XEN MID
Soluble	Analysis	300.0		1			6716	08/18/21 04:54	CH	XEN MID

Client Sample ID: SW-75 (4')

Lab Sample ID: 890-1114-18
Matrix: Solid
Date Collected: 08/16/21 00:00
Date Received: 08/16/21 12:00

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	6650	08/17/21 09:13	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6654	08/18/21 07:32	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	6682	08/17/21 15:04	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6628	08/18/21 05:00	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	6672	08/17/21 12:31	CH	XEN MID
Soluble	Analysis	300.0		1			6716	08/18/21 05:01	CH	XEN MID

Client Sample ID: SW-76 (4')

Lab Sample ID: 890-1114-19
Matrix: Solid
Date Collected: 08/16/21 00:00
Date Received: 08/16/21 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	6650	08/17/21 09:13	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6654	08/18/21 07:52	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	6682	08/17/21 15:04	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6628	08/18/21 05:21	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	6672	08/17/21 12:31	CH	XEN MID
Soluble	Analysis	300.0		1			6716	08/18/21 05:09	CH	XEN MID

Client Sample ID: SW-77 (4')

Lab Sample ID: 890-1114-20
Matrix: Solid
Date Collected: 08/16/21 00:00
Date Received: 08/16/21 12:00

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	6650	08/17/21 09:13	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6654	08/18/21 08:13	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	6682	08/17/21 15:04	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6628	08/18/21 05:41	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	6672	08/17/21 12:31	CH	XEN MID
Soluble	Analysis	300.0		1			6716	08/18/21 05:16	CH	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1114-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-78 (5')

Lab Sample ID: 890-1114-21
Matrix: Solid
Date Collected: 08/16/21 00:00
Date Received: 08/16/21 12:00

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	6620	08/16/21 15:45	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6654	08/17/21 20:18	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	6683	08/17/21 15:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6630	08/18/21 16:36	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	6672	08/17/21 12:31	CH	XEN MID
Soluble	Analysis	300.0		1			6716	08/18/21 05:23	CH	XEN MID

Client Sample ID: SW-79 (5')

Lab Sample ID: 890-1114-22
Matrix: Solid
Date Collected: 08/16/21 00:00
Date Received: 08/16/21 12:00

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	6620	08/16/21 15:45	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6654	08/17/21 20:39	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	6683	08/17/21 15:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6630	08/18/21 16:56	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	6672	08/17/21 12:31	CH	XEN MID
Soluble	Analysis	300.0		1			6716	08/18/21 05:46	CH	XEN MID

Client Sample ID: SW-80 (5')

Lab Sample ID: 890-1114-23
Matrix: Solid
Date Collected: 08/16/21 00:00
Date Received: 08/16/21 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	6620	08/16/21 15:45	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6654	08/17/21 20:59	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	6683	08/17/21 15:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6630	08/18/21 17:17	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	6672	08/17/21 12:31	CH	XEN MID
Soluble	Analysis	300.0		1			6716	08/18/21 05:53	CH	XEN MID

Client Sample ID: SW-81 (5')

Lab Sample ID: 890-1114-24
Matrix: Solid
Date Collected: 08/16/21 00:00
Date Received: 08/16/21 12:00

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	6620	08/16/21 15:45	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6654	08/17/21 21:20	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	6683	08/17/21 15:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6630	08/18/21 17:47	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	6672	08/17/21 12:31	CH	XEN MID
Soluble	Analysis	300.0		1			6716	08/18/21 06:16	CH	XEN MID

Laboratory References:

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

Eurofins Xenco, Carlsbad

Accreditation/Certification Summary

Client: Tetra Tech, Inc. Job ID: 890-1114-1
Project/Site: Falcon CDP SDG: Eddy County, New Mexico

Laboratory: Eurofins Xenco, Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-20-21	06-30-22

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
8015B NM	8015NM Prep	Solid	Total TPH
8021B	5035	Solid	Total BTEX

Method Summary

Client: Tetra Tech, Inc. Job ID: 890-1114-1
Project/Site: Falcon CDP SDG: Eddy County, New Mexico

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN 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.

Laboratory References:

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

Sample Summary

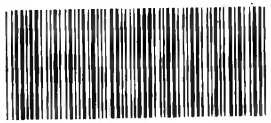
Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1114-1
SDG: Eddy County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
890-1114-1	BH-4 (12')	Solid	08/16/21 00:00	08/16/21 12:00
890-1114-2	BH-20 (4')	Solid	08/16/21 00:00	08/16/21 12:00
890-1114-3	SW-29 (2')	Solid	08/16/21 00:00	08/16/21 12:00
890-1114-4	BH-29 (5')	Solid	08/16/21 00:00	08/16/21 12:00
890-1114-5	BH-33 (5')	Solid	08/16/21 00:00	08/16/21 12:00
890-1114-6	SW-9 (12')	Solid	08/16/21 00:00	08/16/21 12:00
890-1114-7	SW-20 (12')	Solid	08/16/21 00:00	08/16/21 12:00
890-1114-8	SW-35 (5')	Solid	08/16/21 00:00	08/16/21 12:00
890-1114-9	SW-38 (4')	Solid	08/16/21 00:00	08/16/21 12:00
890-1114-10	SW-58 (5')	Solid	08/16/21 00:00	08/16/21 12:00
890-1114-11	SW-62 (12')	Solid	08/16/21 00:00	08/16/21 12:00
890-1114-12	SW-63 (12')	Solid	08/16/21 00:00	08/16/21 12:00
890-1114-13	SW-70 (5')	Solid	08/16/21 00:00	08/16/21 12:00
890-1114-14	SW-71 (4')	Solid	08/16/21 00:00	08/16/21 12:00
890-1114-15	SW-72 (4')	Solid	08/16/21 00:00	08/16/21 12:00
890-1114-16	SW-73 (4')	Solid	08/16/21 00:00	08/16/21 12:00
890-1114-17	SW-74 (4')	Solid	08/16/21 00:00	08/16/21 12:00
890-1114-18	SW-75 (4')	Solid	08/16/21 00:00	08/16/21 12:00
890-1114-19	SW-76 (4')	Solid	08/16/21 00:00	08/16/21 12:00
890-1114-20	SW-77 (4')	Solid	08/16/21 00:00	08/16/21 12:00
890-1114-21	SW-78 (5')	Solid	08/16/21 00:00	08/16/21 12:00
890-1114-22	SW-79 (5')	Solid	08/16/21 00:00	08/16/21 12:00
890-1114-23	SW-80 (5')	Solid	08/16/21 00:00	08/16/21 12:00
890-1114-24	SW-81 (5')	Solid	08/16/21 00:00	08/16/21 12:00

Page 759 of 821

Analysis Request of Chain of Custody Record



890-1114 Chain of Custody

8/18/2021

Tetra Tech, Inc.

901W Wall Street, Ste 100
Midland,Texas 79705
Tel (432) 682-4559
Fax (432) 682-3946

Client Name:	EnLink	**Site Manager:**	Brittany Long
Project Name:	Falcon CDP		
Project Location: (county, state)	Eddy County, New Mexico	**Project #:**	212C-MD-02376
Invoice to:	Mike Luckett - EnLink		
Receiving Laboratory:	Eurofins Xenco	**Sampler Signature:**	Ezequiel Moreno
Comments:			

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE	SAMPLING TIME	MATRIX: WATER	MATRIX: SOIL	PRESERVATIVE METHOD: HCL	PRESERVATIVE METHOD: HNO_3	PRESERVATIVE METHOD: ICE	PRESERVATIVE METHOD: None	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B / BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Sulfate	TDS	General Water Chemistry (see attached list)	Anion/Cation Balance				Hold
		YEAR: 2020																																	
	BH-4 (12')	8/16/2021			X			X				X		X												X									
	BH-20 (4') CKC with Consent	8/16/2021			X			X				X		X												X									
	~~BH-21 (4')~~ SW 29 (2)	8/16/2021			X			X				X		X												X									
	BH-29 (5')	8/16/2021			X			X				X		X												X									
	BH-33 (5')	8/16/2021			X			X				X		X												X									
	SW-9 (12')	8/16/2021			X			X				X		X												X									
	SW-20 (12')	8/16/2021			X			X				X		X												X									
	SW-35 (5')	8/16/2021			X			X				X		X												X									
	SW-38 (4')	8/16/2021			X			X				X		X												X									
	SW-58 (5')	8/16/2021			X			X				X		X												X									

Relinquished by: Ezequiel Moreno	Date: 8/16/21	Time:	Received by: Cloe Cuta	Date: 8.16.21	Time: 1157
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

LAB USE ONLY

Sample Temperature: 6.0 / 5.8

REMARKS:

- ☐ STANDARD
- ☒ RUSH: Same Day 24 hr (48 hr) 72 hr
- ☐ Rush Charges Authorized
- ☐ Special Report Limits or TRRP Report

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Page 760 of 821

Analysis Request of Chain of Custody Record

8/18/2021

Tetra Tech, Inc.

901W Wall Street, Ste 100
Midland,Texas 79705
Tel (432) 682-4559
Fax (432) 682-3946

Client Name:	EnLink	**Site Manager:**	Brittany Long
Project Name:	Falcon CDP		
Project Location: (county, state)	Eddy County, New Mexico	**Project #:**	212C-MD-02376
Invoice to:	Mike Luckett - EnLink		
Receiving Laboratory:	Eurofins Xenco	**Sampler Signature:**	Ezequiel Moreno
Comments:			

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2020 DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD None		# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Sulfate TDS	Chloride	General Water Chemistry (see attached list)	Anion/Cation Balance				Hold
	SW-62 (12')	8/16/2021			X				X					X		X												X								
	SW-63 (12')	8/16/2021			X				X					X		X												X								
	SW-70 (5')	8/16/2021			X				X					X		X												X								
	SW-71 (4')	8/16/2021			X				X					X		X												X								
	SW-72 (4')	8/16/2021			X				X					X		X												X								
	SW-73 (4')	8/16/2021			X				X					X		X												X								
	SW-74 (4')	8/16/2021			X				X					X		X												X								
	SW-75 (4')	8/16/2021			X				X					X		X												X								
	SW-76 (4')	8/16/2021			X				X					X		X												X								
	SW-77 (4')	8/16/2021			X				X					X		X												X								

Relinquished by: Ezequiel Moreno	Date: 8/16/21	Time:	Received by: Cloe Cobb
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:

Date: 8.16.21 Time: 1157

LAB USE ONLY
Sample Temperature
R1

REMARKS:
- ☐ STANDARD
- ☒ RUSH: Same Day 24 hr (48 hr) 72 hr
- ☐ Rush Charges Authorized
- ☐ Special Report Limits or TRRP Report

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Page 761 of 821

Analysis Request of Chain of Custody Record

8/18/2021

Tetra Tech, Inc.

901W Wall Street, Ste 100
Midland,Texas 79705
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: EnLink	**Site Manager:** Brittany Long
Project Name: Falcon CDP	
Project Location: (county, state) Eddy County, New Mexico	**Project #:** 212C-MD-02376
Invoice to: Mike Luckett - EnLink	
Receiving Laboratory: Eurofins Xenco	**Sampler Signature:** Ezequiel Moreno
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2020 DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD None	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Sulfate TDS	Chloride	General Water Chemistry (see attached list)	Anion/Cation Balance				Hold
	SW-78 (5')	8/16/2021			X				X				X		X												X								
	SW-79 (5')	8/16/2021			X				X				X		X												X								
	SW-80 (5')	8/16/2021			X				X				X		X												X								
	SW-81 (5')	8/16/2021			X				X				X		X												X								

Relinquished by: Ezequiel Moreno	Date: 8/16/21	Time:	Received by: Cloe Cuffo
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:

Date: 8/16/21 Time: 1159

LAB USE ONLY
Sample Temperature
Pg 1

REMARKS:
- ☐ STANDARD
- ☒ RUSH: Same Day 24 hr (48 hr) 72 hr
- ☐ Rush Charges Authorized
- ☐ Special Report Limits or TRRP Report

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Page 46 of 48

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Login Sample Receipt Checklist

Client: Tetra Tech, Inc.

Job Number: 890-1114-1
SDG Number: Eddy County, New Mexico

Login Number: 1114
List Number: 1
Creator: Clifton, Cloe

List Source: Eurofins Xenco, 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: Tetra Tech, Inc.

Job Number: 890-1114-1
SDG Number: Eddy County, New Mexico

Login Number: 1114
List Number: 2
Creator: Copeland, Tatiana

List Source: Eurofins Xenco, Midland
List Creation: 08/17/21 11:54 AM

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.	True	
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").	True	

eurofins | Environment Testing America



ANALYTICAL REPORT

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

Laboratory Job ID: 890-1119-1
Laboratory Sample Delivery Group: Eddy County NM
Client Project/Site: Falcon CDP

For:
Tetra Tech, Inc.
901 W Wall
Ste 100
Midland, Texas 79701

Attn: Brittany Long

JKramer

Authorized for release by:
8/18/2021 8:28:10 PM

Jessica Kramer, Project Manager
(432)704-5440
jessica.kramer@eurofinset.com

LINKS

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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: Tetra Tech, Inc.
Project/Site: Falcon CDP

Laboratory Job ID: 890-1119-1
SDG: Eddy County NM

Table of Contents

Cover Page 1
Table of Contents 2
Definitions/Glossary 3
Case Narrative 4
Client Sample Results 5
Surrogate Summary 9
QC Sample Results 10
QC Association Summary 13
Lab Chronicle 15
Certification Summary 17
Method Summary 18
Sample Summary 19
Chain of Custody 20
Receipt Checklists 22

Definitions/Glossary

Client: Tetra Tech, Inc. Job ID: 890-1119-1
Project/Site: Falcon CDP SDG: Eddy County NM

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1119-1
SDG: Eddy County NM

Job ID: 890-1119-1

Laboratory: Eurofins Xenco, Carlsbad

Narrative

Job Narrative
890-1119-1

Receipt
The samples were received on 8/17/2021 1:23 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.4°C

GC VOA
Method 8021B: Surrogate recovery for the following sample was outside control limits: SW-55 (5') (890-1119-4). 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
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: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1119-1
SDG: Eddy County NM

Client Sample ID: SW-49 (4')

Lab Sample ID: 890-1119-1
Matrix: Solid
Date Collected: 08/17/21 00:00
Date Received: 08/17/21 13:23

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		08/18/21 10:30	08/18/21 13:22	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/18/21 10:30	08/18/21 13:22	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/18/21 10:30	08/18/21 13:22	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		08/18/21 10:30	08/18/21 13:22	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/18/21 10:30	08/18/21 13:22	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		08/18/21 10:30	08/18/21 13:22	1
Total BTEX	<0.00397	U	0.00397		mg/Kg		08/18/21 10:30	08/18/21 13:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*08/18/21 10:30*	*08/18/21 13:22*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*08/18/21 10:30*	*08/18/21 13:22*	*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		08/18/21 14:14	08/18/21 18:29	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/18/21 14:14	08/18/21 18:29	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/18/21 14:14	08/18/21 18:29	1
Total TPH	<49.9	U	49.9		mg/Kg		08/18/21 14:14	08/18/21 18:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*110*		*70 - 130*	*08/18/21 14:14*	*08/18/21 18:29*	*1*
o-Terphenyl	*113*		*70 - 130*	*08/18/21 14:14*	*08/18/21 18:29*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.99	U	4.99		mg/Kg			08/18/21 14:21	1

Client Sample ID: SW-50 (2')

Lab Sample ID: 890-1119-2
Matrix: Solid
Date Collected: 08/17/21 00:00
Date Received: 08/17/21 13:23

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		08/18/21 10:30	08/18/21 13:42	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/18/21 10:30	08/18/21 13:42	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/18/21 10:30	08/18/21 13:42	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/18/21 10:30	08/18/21 13:42	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/18/21 10:30	08/18/21 13:42	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/18/21 10:30	08/18/21 13:42	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		08/18/21 10:30	08/18/21 13:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*08/18/21 10:30*	*08/18/21 13:42*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*08/18/21 10:30*	*08/18/21 13:42*	*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		08/18/21 14:14	08/18/21 18:51	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1119-1
SDG: Eddy County NM

Client Sample ID: SW-50 (2')

Lab Sample ID: 890-1119-2
Matrix: Solid
Date Collected: 08/17/21 00:00
Date Received: 08/17/21 13:23

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)	<49.9	U	49.9		mg/Kg		08/18/21 14:14	08/18/21 18:51	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/18/21 14:14	08/18/21 18:51	1
Total TPH	<49.9	U	49.9		mg/Kg		08/18/21 14:14	08/18/21 18:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*08/18/21 14:14*	*08/18/21 18:51*	*1*
o-Terphenyl	*100*		*70 - 130*	*08/18/21 14:14*	*08/18/21 18:51*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.95	U	4.95		mg/Kg			08/18/21 14:26	1

Client Sample ID: SW-54 (4')

Lab Sample ID: 890-1119-3
Matrix: Solid
Date Collected: 08/17/21 00:00
Date Received: 08/17/21 13:23

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		08/18/21 10:30	08/18/21 14:03	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/18/21 10:30	08/18/21 14:03	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/18/21 10:30	08/18/21 14:03	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/18/21 10:30	08/18/21 14:03	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/18/21 10:30	08/18/21 14:03	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/18/21 10:30	08/18/21 14:03	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		08/18/21 10:30	08/18/21 14:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*08/18/21 10:30*	*08/18/21 14:03*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*08/18/21 10:30*	*08/18/21 14:03*	*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		08/18/21 14:14	08/18/21 19:13	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/18/21 14:14	08/18/21 19:13	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/18/21 14:14	08/18/21 19:13	1
Total TPH	<49.8	U	49.8		mg/Kg		08/18/21 14:14	08/18/21 19:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*08/18/21 14:14*	*08/18/21 19:13*	*1*
o-Terphenyl	*98*		*70 - 130*	*08/18/21 14:14*	*08/18/21 19:13*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.95	U	4.95		mg/Kg			08/18/21 14:42	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1119-1
SDG: Eddy County NM

Client Sample ID: SW-55 (5')

Lab Sample ID: 890-1119-4
Matrix: Solid
Date Collected: 08/17/21 00:00
Date Received: 08/17/21 13:23

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		08/18/21 10:30	08/18/21 14:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/18/21 10:30	08/18/21 14:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/18/21 10:30	08/18/21 14:23	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/18/21 10:30	08/18/21 14:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/18/21 10:30	08/18/21 14:23	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/18/21 10:30	08/18/21 14:23	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		08/18/21 10:30	08/18/21 14:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*131*	*S1+*	*70 - 130*	*08/18/21 10:30*	*08/18/21 14:23*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*08/18/21 10:30*	*08/18/21 14:23*	*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		08/18/21 14:14	08/18/21 19:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/18/21 14:14	08/18/21 19:34	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/18/21 14:14	08/18/21 19:34	1
Total TPH	<49.9	U	49.9		mg/Kg		08/18/21 14:14	08/18/21 19:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 130*	*08/18/21 14:14*	*08/18/21 19:34*	*1*
o-Terphenyl	*101*		*70 - 130*	*08/18/21 14:14*	*08/18/21 19:34*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.02	U	5.02		mg/Kg			08/18/21 14:48	1

Client Sample ID: SW-57 (2')

Lab Sample ID: 890-1119-5
Matrix: Solid
Date Collected: 08/17/21 00:00
Date Received: 08/17/21 13:23

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		08/18/21 10:30	08/18/21 14:44	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/18/21 10:30	08/18/21 14:44	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/18/21 10:30	08/18/21 14:44	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		08/18/21 10:30	08/18/21 14:44	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/18/21 10:30	08/18/21 14:44	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/18/21 10:30	08/18/21 14:44	1
Total BTEX	<0.00396	U	0.00396		mg/Kg		08/18/21 10:30	08/18/21 14:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*08/18/21 10:30*	*08/18/21 14:44*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*08/18/21 10:30*	*08/18/21 14:44*	*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		08/18/21 14:14	08/18/21 19:55	1

Client Sample Results

Client: Tetra Tech, Inc. Job ID: 890-1119-1
Project/Site: Falcon CDP SDG: Eddy County NM

Client Sample ID: SW-57 (2') Lab Sample ID: 890-1119-5

Date Collected: 08/17/21 00:00 **Matrix: Solid**
Date Received: 08/17/21 13:23

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)	<50.0	U	50.0		mg/Kg		08/18/21 14:14	08/18/21 19:55	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/18/21 14:14	08/18/21 19:55	1
Total TPH	<50.0	U	50.0		mg/Kg		08/18/21 14:14	08/18/21 19:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*108*		*70 - 130*	*08/18/21 14:14*	*08/18/21 19:55*	*1*
o-Terphenyl	*111*		*70 - 130*	*08/18/21 14:14*	*08/18/21 19:55*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.99	U	4.99		mg/Kg			08/18/21 14:53	1

Client Sample ID: BH-21 (4') Lab Sample ID: 890-1119-6

Date Collected: 08/17/21 00:00 **Matrix: Solid**
Date Received: 08/17/21 13:23

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		08/18/21 10:30	08/18/21 15:04	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/18/21 10:30	08/18/21 15:04	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/18/21 10:30	08/18/21 15:04	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		08/18/21 10:30	08/18/21 15:04	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/18/21 10:30	08/18/21 15:04	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		08/18/21 10:30	08/18/21 15:04	1
Total BTEX	<0.00403	U	0.00403		mg/Kg		08/18/21 10:30	08/18/21 15:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*127*		*70 - 130*	*08/18/21 10:30*	*08/18/21 15:04*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*08/18/21 10:30*	*08/18/21 15:04*	*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		08/18/21 14:14	08/18/21 20:17	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/18/21 14:14	08/18/21 20:17	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/18/21 14:14	08/18/21 20:17	1
Total TPH	<49.8	U	49.8		mg/Kg		08/18/21 14:14	08/18/21 20:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*08/18/21 14:14*	*08/18/21 20:17*	*1*
o-Terphenyl	*101*		*70 - 130*	*08/18/21 14:14*	*08/18/21 20:17*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			08/18/21 14:58	1

Surrogate Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1119-1
SDG: Eddy County NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
890-1119-1	SW-49 (4')	117	98
890-1119-1 MS	SW-49 (4')	115	105
890-1119-2	SW-50 (2')	119	100
890-1119-3	SW-54 (4')	113	98
890-1119-4	SW-55 (5')	131 S1+	99
890-1119-5	SW-57 (2')	113	94
890-1119-6	BH-21 (4')	127	100
LCS 880-6684/1-A	Lab Control Sample	115	107
LCSD 880-6684/2-A	Lab Control Sample Dup	111	102
MB 880-6684/5-A	Method Blank	110	88

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)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID		
890-1119-1 MSD	SW-49 (4')		

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)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
890-1119-1	SW-49 (4')	110	113
890-1119-2	SW-50 (2')	96	100
890-1119-3	SW-54 (4')	96	98
890-1119-4	SW-55 (5')	97	101
890-1119-5	SW-57 (2')	108	111
890-1119-6	BH-21 (4')	95	101

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1119-1
SDG: Eddy County NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-6684/5-A
Matrix: Solid
Analysis Batch: 6719

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 6684

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/18/21 09:00	08/18/21 13:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/18/21 09:00	08/18/21 13:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/18/21 09:00	08/18/21 13:00	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/18/21 09:00	08/18/21 13:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/18/21 09:00	08/18/21 13:00	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/18/21 09:00	08/18/21 13:00	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		08/18/21 09:00	08/18/21 13:00	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*08/18/21 09:00*	*08/18/21 13:00*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*08/18/21 09:00*	*08/18/21 13:00*	*1*

Lab Sample ID: LCS 880-6684/1-A
Matrix: Solid
Analysis Batch: 6719

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 6684

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			0.100	0.09534		mg/Kg		95	70 - 130		
Toluene			0.100	0.09007		mg/Kg		90	70 - 130		
Ethylbenzene			0.100	0.09229		mg/Kg		92	70 - 130		
m-Xylene & p-Xylene			0.200	0.1879		mg/Kg		94	70 - 130		
o-Xylene			0.100	0.09397		mg/Kg		94	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*

Lab Sample ID: LCSD 880-6684/2-A
Matrix: Solid
Analysis Batch: 6719

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 6684

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			0.100	0.08695		mg/Kg		87	70 - 130	9	35
Toluene			0.100	0.08272		mg/Kg		83	70 - 130	9	35
Ethylbenzene			0.100	0.08488		mg/Kg		85	70 - 130	8	35
m-Xylene & p-Xylene			0.200	0.1713		mg/Kg		86	70 - 130	9	35
o-Xylene			0.100	0.08636		mg/Kg		86	70 - 130	8	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*

Lab Sample ID: 890-1119-1 MSD
Matrix: Solid
Analysis Batch: 6719

Client Sample ID: SW-49 (4')
Prep Type: Total/NA
Prep Batch: 6684

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00198	U	0.0996	0.08463		mg/Kg					

QC Sample Results

Client: Tetra Tech, Inc. Job ID: 890-1119-1
Project/Site: Falcon CDP SDG: Eddy County NM

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

Lab Sample ID: 890-1119-1 MSD **Client Sample ID: SW-49 (4')**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 6719 **Prep Batch: 6684**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Toluene	<0.00198	U	0.0996	0.08066		mg/Kg					
Ethylbenzene	<0.00198	U	0.0996	0.08251		mg/Kg					
m-Xylene & p-Xylene	<0.00397	U	0.199	0.1671		mg/Kg					
o-Xylene	<0.00198	U	0.0996	0.08419		mg/Kg					

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)			
1,4-Difluorobenzene (Surr)			

Lab Sample ID: 890-1119-1 MS **Client Sample ID: SW-49 (4')**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 6719

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-6727/1-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Soluble**
Analysis Batch: 6734

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			08/18/21 13:39	1

Lab Sample ID: LCS 880-6727/2-A **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Soluble**
Analysis Batch: 6734

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	253.8		mg/Kg		102	90 - 110

Lab Sample ID: LCSD 880-6727/3-A **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid **Prep Type: Soluble**
Analysis Batch: 6734

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	255.1		mg/Kg		102	90 - 110	1	20

Lab Sample ID: 890-1118-A-1-C MS **Client Sample ID: Matrix Spike**
Matrix: Solid **Prep Type: Soluble**
Analysis Batch: 6734

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	165		248	417.2		mg/Kg		102	90 - 110

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1119-1
SDG: Eddy County NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-1118-A-1-D MSD
Matrix: Solid
Analysis Batch: 6734

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	165		248	416.9		mg/Kg		102	90 - 110	0	20

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1119-1
SDG: Eddy County NM

GC VOA

Prep Batch: 6684

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1119-1	SW-49 (4')	Total/NA	Solid	5035	
890-1119-2	SW-50 (2')	Total/NA	Solid	5035	
890-1119-3	SW-54 (4')	Total/NA	Solid	5035	
890-1119-4	SW-55 (5')	Total/NA	Solid	5035	
890-1119-5	SW-57 (2')	Total/NA	Solid	5035	
890-1119-6	BH-21 (4')	Total/NA	Solid	5035	
MB 880-6684/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-6684/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-6684/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-1119-1 MSD	SW-49 (4')	Total/NA	Solid	5035	

Analysis Batch: 6719

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1119-1	SW-49 (4')	Total/NA	Solid	8021B	6684
890-1119-2	SW-50 (2')	Total/NA	Solid	8021B	6684
890-1119-3	SW-54 (4')	Total/NA	Solid	8021B	6684
890-1119-4	SW-55 (5')	Total/NA	Solid	8021B	6684
890-1119-5	SW-57 (2')	Total/NA	Solid	8021B	6684
890-1119-6	BH-21 (4')	Total/NA	Solid	8021B	6684
MB 880-6684/5-A	Method Blank	Total/NA	Solid	8021B	6684
LCS 880-6684/1-A	Lab Control Sample	Total/NA	Solid	8021B	6684
LCSD 880-6684/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	6684
890-1119-1 MS	SW-49 (4')	Total/NA	Solid	8021B	
890-1119-1 MSD	SW-49 (4')	Total/NA	Solid	8021B	6684

GC Semi VOA

Analysis Batch: 6630

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1119-1	SW-49 (4')	Total/NA	Solid	8015B NM	6743
890-1119-2	SW-50 (2')	Total/NA	Solid	8015B NM	6743
890-1119-3	SW-54 (4')	Total/NA	Solid	8015B NM	6743
890-1119-4	SW-55 (5')	Total/NA	Solid	8015B NM	6743
890-1119-5	SW-57 (2')	Total/NA	Solid	8015B NM	6743
890-1119-6	BH-21 (4')	Total/NA	Solid	8015B NM	6743

Prep Batch: 6743

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1119-1	SW-49 (4')	Total/NA	Solid	8015NM Prep	
890-1119-2	SW-50 (2')	Total/NA	Solid	8015NM Prep	
890-1119-3	SW-54 (4')	Total/NA	Solid	8015NM Prep	
890-1119-4	SW-55 (5')	Total/NA	Solid	8015NM Prep	
890-1119-5	SW-57 (2')	Total/NA	Solid	8015NM Prep	
890-1119-6	BH-21 (4')	Total/NA	Solid	8015NM Prep	

HPLC/IC

Leach Batch: 6727

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1119-1	SW-49 (4')	Soluble	Solid	DI Leach	
890-1119-2	SW-50 (2')	Soluble	Solid	DI Leach	
890-1119-3	SW-54 (4')	Soluble	Solid	DI Leach	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1119-1
SDG: Eddy County NM

HPLC/IC (Continued)

Leach Batch: 6727 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1119-4	SW-55 (5')	Soluble	Solid	DI Leach	
890-1119-5	SW-57 (2')	Soluble	Solid	DI Leach	
890-1119-6	BH-21 (4')	Soluble	Solid	DI Leach	
MB 880-6727/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-6727/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-6727/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-1118-A-1-C MS	Matrix Spike	Soluble	Solid	DI Leach	
890-1118-A-1-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 6734

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1119-1	SW-49 (4')	Soluble	Solid	300.0	6727
890-1119-2	SW-50 (2')	Soluble	Solid	300.0	6727
890-1119-3	SW-54 (4')	Soluble	Solid	300.0	6727
890-1119-4	SW-55 (5')	Soluble	Solid	300.0	6727
890-1119-5	SW-57 (2')	Soluble	Solid	300.0	6727
890-1119-6	BH-21 (4')	Soluble	Solid	300.0	6727
MB 880-6727/1-A	Method Blank	Soluble	Solid	300.0	6727
LCS 880-6727/2-A	Lab Control Sample	Soluble	Solid	300.0	6727
LCSD 880-6727/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	6727
890-1118-A-1-C MS	Matrix Spike	Soluble	Solid	300.0	6727
890-1118-A-1-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	6727

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1119-1
SDG: Eddy County NM

Client Sample ID: SW-49 (4')

Lab Sample ID: 890-1119-1
Matrix: Solid
Date Collected: 08/17/21 00:00
Date Received: 08/17/21 13:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	6684	08/18/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6719	08/18/21 13:22	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	6743	08/18/21 14:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6630	08/18/21 18:29	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	6727	08/18/21 11:26	SC	XEN MID
Soluble	Analysis	300.0		1			6734	08/18/21 14:21	SC	XEN MID

Client Sample ID: SW-50 (2')

Lab Sample ID: 890-1119-2
Matrix: Solid
Date Collected: 08/17/21 00:00
Date Received: 08/17/21 13:23

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	6684	08/18/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6719	08/18/21 13:42	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	6743	08/18/21 14:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6630	08/18/21 18:51	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	6727	08/18/21 11:26	SC	XEN MID
Soluble	Analysis	300.0		1			6734	08/18/21 14:26	SC	XEN MID

Client Sample ID: SW-54 (4')

Lab Sample ID: 890-1119-3
Matrix: Solid
Date Collected: 08/17/21 00:00
Date Received: 08/17/21 13:23

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	6684	08/18/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6719	08/18/21 14:03	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	6743	08/18/21 14:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6630	08/18/21 19:13	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	6727	08/18/21 11:26	SC	XEN MID
Soluble	Analysis	300.0		1			6734	08/18/21 14:42	SC	XEN MID

Client Sample ID: SW-55 (5')

Lab Sample ID: 890-1119-4
Matrix: Solid
Date Collected: 08/17/21 00:00
Date Received: 08/17/21 13:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	6684	08/18/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6719	08/18/21 14:23	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	6743	08/18/21 14:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6630	08/18/21 19:34	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	6727	08/18/21 11:26	SC	XEN MID
Soluble	Analysis	300.0		1			6734	08/18/21 14:48	SC	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1119-1
SDG: Eddy County NM

Client Sample ID: SW-57 (2')

Lab Sample ID: 890-1119-5
Matrix: Solid
Date Collected: 08/17/21 00:00
Date Received: 08/17/21 13:23

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	6684	08/18/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6719	08/18/21 14:44	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	6743	08/18/21 14:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6630	08/18/21 19:55	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	6727	08/18/21 11:26	SC	XEN MID
Soluble	Analysis	300.0		1			6734	08/18/21 14:53	SC	XEN MID

Client Sample ID: BH-21 (4')

Lab Sample ID: 890-1119-6
Matrix: Solid
Date Collected: 08/17/21 00:00
Date Received: 08/17/21 13:23

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	6684	08/18/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6719	08/18/21 15:04	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	6743	08/18/21 14:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6630	08/18/21 20:17	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	6727	08/18/21 11:26	SC	XEN MID
Soluble	Analysis	300.0		1			6734	08/18/21 14:58	SC	XEN MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1119-1
SDG: Eddy County NM

Laboratory: Eurofins Xenco, Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-20-21	06-30-22

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
8015B NM	8015NM Prep	Solid	Total TPH
8021B	5035	Solid	Total BTEX

Method Summary

Client: Tetra Tech, Inc. Job ID: 890-1119-1
Project/Site: Falcon CDP SDG: Eddy County NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN 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.

Laboratory References:

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

Sample Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1119-1
SDG: Eddy County NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
890-1119-1	SW-49 (4')	Solid	08/17/21 00:00	08/17/21 13:23
890-1119-2	SW-50 (2')	Solid	08/17/21 00:00	08/17/21 13:23
890-1119-3	SW-54 (4')	Solid	08/17/21 00:00	08/17/21 13:23
890-1119-4	SW-55 (5')	Solid	08/17/21 00:00	08/17/21 13:23
890-1119-5	SW-57 (2')	Solid	08/17/21 00:00	08/17/21 13:23
890-1119-6	BH-21 (4')	Solid	08/17/21 00:00	08/17/21 13:23

Page 783 of 821

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

901W Wall Street, Ste 100
Midland,Texas 79705
Tel (432) 682-4559
Fax
(432) 682-3946

890-1119 Chain of Custody

8/18/2021

Client Name:	EnLink	Site Manager:	Brittany Long
Project Name:	Falcon CDP		
Project Location: (county, state)	Eddy county, New Mexico	Project #:	212C-MD-02376
Invoice to:	Mike Luckett - EnLink		
Receiving Laboratory:	Eurofins Xenco	Sampler Signature:	
Comments:			

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE	SAMPLING TIME	MATRIX: WATER	MATRIX: SOIL	MATRIX:	PRESERVATIVE METHOD: HCL	PRESERVATIVE METHOD: HNO_3	PRESERVATIVE METHOD: ICE	PRESERVATIVE METHOD: None	PRESERVATIVE METHOD:	# CONTAINERS	FILTERED (Y/N)
	SW-49 (4')	8/17/21			X				X				
	SW-50 (2')				X				X				
	SW-54 (4')				X				X				
	SW-55 (5')				X				X				
	SW-57 (2')				X				X				
	BH-21 (4')				X				X				
					X				X				
					X				X				
					X				X				
					X				X				

ANALYSIS REQUEST (Circle or Specify Method No.)

BTEX 8021B	BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride	Sulfate	TDS	General Water Chemistry (see attached list)	Anion/Cation Balance			Hold
	X		X												X								

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
	8/17/21		N. Cobb	8/17/21	1:23
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

LAB USE ONLY

Sample Temperature: 5.6/5.4

REMARKS:

- ☐ STANDARD
- ☒ RUSH: Same Day ~~24 hr~~ ~~48 hr~~ ~~72 hr~~
- ☐ Rush Charges Authorized
- ☐ Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #:

ORIGINAL COPY

Received by OCD: 9/14/2021 1:19:38 PM

Released to Imaging: 1/6/2022 8:12:55 AM

Eurofins Xenco, Carlsbad
1089 N Canal St.
Carlsbad NM 88220
Phone 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler	Lab PM: Kramer Jessica	Carrier Tracking No(s)	COC No: 890-357 1
Client Contact: Shipping/Receiving	Phone	E-Mail: jessica kramer@eurofinset com	State of Origin: New Mexico	Page: Page 1 of 1
Company: Eurofins Xenco		Accreditations Required (See note): NELAP - Louisiana NELAP - Texas		Job #: 890-1119-1
Address: 1211 W Florida Ave	Due Date Requested: 8/18/2021			
City: Midland	TAT Requested (days):			
State Zip: TX 79701				
Phone: 432-704-5440(Tel)	PO #:			
Email	WO #:			
Project Name: Falcon CDP	Project #: 88000039			
Site	SSOW#:			

Analysis Requested

Preservation Codes

A	HCL	M	Hexane
B	NaOH	N	None
C	Zn Acetate	O	AsNaO2
D	Nitric Acid	P	Na2O4S
E	NaHSO4	Q	Na2SO3
F	MeOH	R	Na2S2O3
G	Amchlor	S	H2SO4
H	Ascorbic Acid	T	TSP Dodecahydrate
I	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	Z	other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_NM/8015NM_S_Prep (MOD) Full TPH	8021B/5035FP_Calc BTEX	300_ORGFM_28D/DI_LEACH Chloride	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
SW-49 (4) (890-1119-1)	8/17/21	Mountain		Solid			X	X	X	1	
SW-50 (2) (890-1119-2)	8/17/21	Mountain		Solid			X	X	X	1	
SW-54 (4) (890-1119-3)	8/17/21	Mountain		Solid			X	X	X	1	
SW-55 (5) (890-1119-4)	8/17/21	Mountain		Solid			X	X	X	1	
SW-57 (2) (890-1119-5)	8/17/21	Mountain		Solid			X	X	X	1	
BH-21 (4) (890-1119-6)	8/17/21	Mountain		Solid			X	X	X	1	

Note Since laboratory accreditations are subject to change Eurofins Xenco LLC places the ownership of method analyte & accreditation compliance upon out subcontract laboratories This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins Xenco LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said complicance to Eurofins Xenco LLC

Possible Hazard Identification
Unconfirmed

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*

Deliverable Requested I II III IV Other (specify) Primary Deliverable Rank 2

Special Instructions/QC Requirements

Empty Kit Relinquished by:	Date	Time	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1		8/17/21 2:05			8-18 21 1:30 pm	
2	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
3	Relinquished by	Date/Time	Company	Received by	Date/Time	Company

Custody Seals Intact. Δ Yes Δ No | Custody Seal No

Cooler Temperature(s) °C and Other Remarks IR8 2.1/2.6

Page 784 of 821
Received by OCD: 9/14/2021 1:19:38 PM
8/18/2021
Page 21 of 23
Released to Imaging: 1/6/2022 8:12:55 AM

Login Sample Receipt Checklist

Client: Tetra Tech, Inc.

Job Number: 890-1119-1
SDG Number: Eddy County NM

Login Number: 1119
List Number: 1
Creator: Olivas, Nathaniel

List Source: Eurofins Xenco, 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: Tetra Tech, Inc.

Job Number: 890-1119-1
SDG Number: Eddy County NM

Login Number: 1119
List Number: 2
Creator: Copeland, Tatiana

List Source: Eurofins Xenco, Midland
List Creation: 08/18/21 11:45 AM

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.	True	
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").	True	

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ANALYTICAL REPORT

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

Laboratory Job ID: 890-1141-1
Laboratory Sample Delivery Group: 212C-MD-02376
Client Project/Site: Falcon CDP

For:
Tetra Tech, Inc.
901 W Wall
Ste 100
Midland, Texas 79701

Attn: Clair Gonzales

JKramer

Authorized for release by:
8/24/2021 12:58:42 PM

Jessica Kramer, Project Manager
(432)704-5440
jessica.kramer@eurofinset.com

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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: Tetra Tech, Inc.
Project/Site: Falcon CDP

Laboratory Job ID: 890-1141-1
SDG: 212C-MD-02376

Table of Contents

Cover Page 1
Table of Contents 2
Definitions/Glossary 3
Case Narrative 4
Client Sample Results 5
Surrogate Summary 8
QC Sample Results 9
QC Association Summary 13
Lab Chronicle 15
Certification Summary 16
Method Summary 17
Sample Summary 18
Chain of Custody 19
Receipt Checklists 21

Definitions/Glossary

Client: Tetra Tech, Inc. Job ID: 890-1141-1
Project/Site: Falcon CDP SDG: 212C-MD-02376

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1141-1
SDG: 212C-MD-02376

Job ID: 890-1141-1

Laboratory: Eurofins Xenco, Carlsbad

Narrative

Job Narrative
890-1141-1

Receipt
The samples were received on 8/20/2021 1:46 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.0°C

GC VOA
Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-6935 and analytical batch 880-6938 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 880-6935/1-A) and (LCSD 880-6935/2-A). Evidence of matrix interferences is not obvious.

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

GC Semi VOA
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: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1141-1
SDG: 212C-MD-02376

Client Sample ID: BH-48 (4)

Lab Sample ID: 890-1141-1

Date Collected: 08/20/21 00:00
Date Received: 08/20/21 13:46
Sample Depth: 4

Matrix: Solid

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		08/23/21 10:21	08/23/21 19:42	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/23/21 10:21	08/23/21 19:42	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/23/21 10:21	08/23/21 19:42	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/23/21 10:21	08/23/21 19:42	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/23/21 10:21	08/23/21 19:42	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/23/21 10:21	08/23/21 19:42	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		08/23/21 10:21	08/23/21 19:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*08/23/21 10:21*	*08/23/21 19:42*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*08/23/21 10:21*	*08/23/21 19:42*	*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		08/23/21 08:36	08/23/21 17:03	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/23/21 08:36	08/23/21 17:03	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/23/21 08:36	08/23/21 17:03	1
Total TPH	<49.8	U	49.8		mg/Kg		08/23/21 08:36	08/23/21 17:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*08/23/21 08:36*	*08/23/21 17:03*	*1*
o-Terphenyl	*109*		*70 - 130*	*08/23/21 08:36*	*08/23/21 17:03*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**24.7**		4.99		mg/Kg			08/24/21 08:21	1

Client Sample ID: BH-49 (2)

Lab Sample ID: 890-1141-2

Date Collected: 08/20/21 00:00
Date Received: 08/20/21 13:46
Sample Depth: 2

Matrix: Solid

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		08/23/21 10:21	08/23/21 20:02	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/23/21 10:21	08/23/21 20:02	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/23/21 10:21	08/23/21 20:02	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/23/21 10:21	08/23/21 20:02	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/23/21 10:21	08/23/21 20:02	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/23/21 10:21	08/23/21 20:02	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		08/23/21 10:21	08/23/21 20:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*128*		*70 - 130*	*08/23/21 10:21*	*08/23/21 20:02*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*08/23/21 10:21*	*08/23/21 20:02*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1141-1
SDG: 212C-MD-02376

Client Sample ID: BH-49 (2)

Lab Sample ID: 890-1141-2
Matrix: Solid
Date Collected: 08/20/21 00:00
Date Received: 08/20/21 13:46
Sample Depth: 2

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		08/23/21 08:36	08/23/21 17:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/23/21 08:36	08/23/21 17:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/23/21 08:36	08/23/21 17:45	1
Total TPH	<50.0	U	50.0		mg/Kg		08/23/21 08:36	08/23/21 17:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*08/23/21 08:36*	*08/23/21 17:45*	*1*
o-Terphenyl	*108*		*70 - 130*	*08/23/21 08:36*	*08/23/21 17:45*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**22.0**		5.05		mg/Kg			08/24/21 03:34	1

Client Sample ID: BH-50 (2)

Lab Sample ID: 890-1141-3
Matrix: Solid
Date Collected: 08/20/21 00:00
Date Received: 08/20/21 13:46
Sample Depth: 2

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		08/23/21 10:21	08/23/21 20:22	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/23/21 10:21	08/23/21 20:22	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/23/21 10:21	08/23/21 20:22	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/23/21 10:21	08/23/21 20:22	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/23/21 10:21	08/23/21 20:22	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/23/21 10:21	08/23/21 20:22	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		08/23/21 10:21	08/23/21 20:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*08/23/21 10:21*	*08/23/21 20:22*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*08/23/21 10:21*	*08/23/21 20:22*	*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		08/23/21 08:36	08/23/21 18:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/23/21 08:36	08/23/21 18:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/23/21 08:36	08/23/21 18:06	1
Total TPH	<50.0	U	50.0		mg/Kg		08/23/21 08:36	08/23/21 18:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 130*	*08/23/21 08:36*	*08/23/21 18:06*	*1*
o-Terphenyl	*103*		*70 - 130*	*08/23/21 08:36*	*08/23/21 18:06*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**21.6**		4.98		mg/Kg			08/24/21 03:40	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1141-1
SDG: 212C-MD-02376

Client Sample ID: BH-82 (2)

Date Collected: 08/20/21 00:00
Date Received: 08/20/21 13:46
Sample Depth: 2

Lab Sample ID: 890-1141-4

Matrix: Solid

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		08/23/21 10:21	08/23/21 20:43	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/23/21 10:21	08/23/21 20:43	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/23/21 10:21	08/23/21 20:43	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/23/21 10:21	08/23/21 20:43	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/23/21 10:21	08/23/21 20:43	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/23/21 10:21	08/23/21 20:43	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		08/23/21 10:21	08/23/21 20:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*08/23/21 10:21*	*08/23/21 20:43*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*08/23/21 10:21*	*08/23/21 20:43*	*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		08/23/21 08:36	08/23/21 18:28	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/23/21 08:36	08/23/21 18:28	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/23/21 08:36	08/23/21 18:28	1
Total TPH	<49.9	U	49.9		mg/Kg		08/23/21 08:36	08/23/21 18:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 130*	*08/23/21 08:36*	*08/23/21 18:28*	*1*
o-Terphenyl	*106*		*70 - 130*	*08/23/21 08:36*	*08/23/21 18:28*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**22.8**		4.97		mg/Kg			08/24/21 03:46	1

Surrogate Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1141-1
SDG: 212C-MD-02376

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-5304-A-6-D MS	Matrix Spike	112	102
880-5304-A-6-E MSD	Matrix Spike Duplicate	122	100
890-1141-1	BH-48 (4)	113	96
890-1141-2	BH-49 (2)	128	93
890-1141-3	BH-50 (2)	119	96
890-1141-4	BH-82 (2)	114	95
LCS 880-6935/1-A	Lab Control Sample	144 S1+	132 S1+
LCSD 880-6935/2-A	Lab Control Sample Dup	158 S1+	137 S1+
MB 880-6935/5-A	Method Blank	96	100

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)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
890-1137-A-1-D MS	Matrix Spike	89	93
890-1137-A-1-E MSD	Matrix Spike Duplicate	91	96
890-1141-1	BH-48 (4)	95	109
890-1141-2	BH-49 (2)	94	108
890-1141-3	BH-50 (2)	92	103
890-1141-4	BH-82 (2)	92	106
LCS 880-6922/2-A	Lab Control Sample	85	93
LCSD 880-6922/3-A	Lab Control Sample Dup	85	90
MB 880-6922/1-A	Method Blank	90	104

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1141-1
SDG: 212C-MD-02376

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-6935/5-A
Matrix: Solid
Analysis Batch: 6938

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 6935

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/23/21 10:21	08/23/21 13:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/23/21 10:21	08/23/21 13:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/23/21 10:21	08/23/21 13:53	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/23/21 10:21	08/23/21 13:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/23/21 10:21	08/23/21 13:53	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/23/21 10:21	08/23/21 13:53	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		08/23/21 10:21	08/23/21 13:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*08/23/21 10:21*	*08/23/21 13:53*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*08/23/21 10:21*	*08/23/21 13:53*	*1*

Lab Sample ID: LCS 880-6935/1-A
Matrix: Solid
Analysis Batch: 6938

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 6935

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			0.100	0.08119		mg/Kg		81	70 - 130		
Toluene			0.100	0.08579		mg/Kg		86	70 - 130		
Ethylbenzene			0.100	0.09429		mg/Kg		94	70 - 130		
m-Xylene & p-Xylene			0.200	0.1924		mg/Kg		96	70 - 130		
o-Xylene			0.100	0.1006		mg/Kg		101	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*144*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*132*	*S1+*	*70 - 130*

Lab Sample ID: LCSD 880-6935/2-A
Matrix: Solid
Analysis Batch: 6938

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 6935

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			0.100	0.08631		mg/Kg		86	70 - 130	6	35
Toluene			0.100	0.09346		mg/Kg		93	70 - 130	9	35
Ethylbenzene			0.100	0.1021		mg/Kg		102	70 - 130	8	35
m-Xylene & p-Xylene			0.200	0.2111		mg/Kg		106	70 - 130	9	35
o-Xylene			0.100	0.1110		mg/Kg		111	70 - 130	10	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*158*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*137*	*S1+*	*70 - 130*

Lab Sample ID: 880-5304-A-6-D MS
Matrix: Solid
Analysis Batch: 6938

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 6935

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene	<0.00200	U F1	0.0998	0.04895	F1	mg/Kg		49	70 - 130		

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QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1141-1
SDG: 212C-MD-02376

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

Lab Sample ID: 880-5304-A-6-D MS
Matrix: Solid
Analysis Batch: 6938

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 6935

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene	<0.00200	U F1	0.0998	0.04755	F1	mg/Kg		48	70 - 130
Ethylbenzene	<0.00200	U F1	0.0998	0.04460	F1	mg/Kg		45	70 - 130
m-Xylene & p-Xylene	<0.00400	U F1	0.200	0.08974	F1	mg/Kg		45	70 - 130
o-Xylene	<0.00200	U F1	0.0998	0.04723	F1	mg/Kg		47	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*

Lab Sample ID: 880-5304-A-6-E MSD
Matrix: Solid
Analysis Batch: 6938

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 6935

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.0996	0.04798	F1	mg/Kg		48	70 - 130	2	35
Toluene	<0.00200	U F1	0.0996	0.04892	F1	mg/Kg		49	70 - 130	3	35
Ethylbenzene	<0.00200	U F1	0.0996	0.04713	F1	mg/Kg		47	70 - 130	5	35
m-Xylene & p-Xylene	<0.00400	U F1	0.199	0.09572	F1	mg/Kg		48	70 - 130	6	35
o-Xylene	<0.00200	U F1	0.0996	0.04987	F1	mg/Kg		50	70 - 130	5	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

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

Lab Sample ID: MB 880-6922/1-A
Matrix: Solid
Analysis Batch: 6923

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 6922

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		08/23/21 08:36	08/23/21 11:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/23/21 08:36	08/23/21 11:39	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/23/21 08:36	08/23/21 11:39	1
Total TPH	<50.0	U	50.0		mg/Kg		08/23/21 08:36	08/23/21 11:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 130*	*08/23/21 08:36*	*08/23/21 11:39*	*1*
o-Terphenyl	*104*		*70 - 130*	*08/23/21 08:36*	*08/23/21 11:39*	*1*

Lab Sample ID: LCS 880-6922/2-A
Matrix: Solid
Analysis Batch: 6923

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 6922

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	809.5		mg/Kg		81	70 - 130

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1141-1
SDG: 212C-MD-02376

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

Lab Sample ID: LCS 880-6922/2-A
Matrix: Solid
Analysis Batch: 6923

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 6922

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Diesel Range Organics (Over C10-C28)			1000	815.8		mg/Kg		82	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*85*		*70 - 130*
o-Terphenyl	*93*		*70 - 130*

Lab Sample ID: LCSD 880-6922/3-A
Matrix: Solid
Analysis Batch: 6923

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 6922

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	758.8		mg/Kg		76	70 - 130	6	20
Diesel Range Organics (Over C10-C28)			1000	799.8		mg/Kg		80	70 - 130	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*85*		*70 - 130*
o-Terphenyl	*90*		*70 - 130*

Lab Sample ID: 890-1137-A-1-D MS
Matrix: Solid
Analysis Batch: 6923

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 6922

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	995	796.1		mg/Kg		80	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	995	890.6		mg/Kg		90	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*89*		*70 - 130*
o-Terphenyl	*93*		*70 - 130*

Lab Sample ID: 890-1137-A-1-E MSD
Matrix: Solid
Analysis Batch: 6923

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 6922

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	855.6		mg/Kg		86	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	923.6		mg/Kg		93	70 - 130	4	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*91*		*70 - 130*
o-Terphenyl	*96*		*70 - 130*

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1141-1
SDG: 212C-MD-02376

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-6946/1-A
Matrix: Solid
Analysis Batch: 6969

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			08/24/21 01:06	1

Lab Sample ID: LCS 880-6946/2-A
Matrix: Solid
Analysis Batch: 6969

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	272.3		mg/Kg		109	90 - 110

Lab Sample ID: LCSD 880-6946/3-A
Matrix: Solid
Analysis Batch: 6969

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	272.5		mg/Kg		109	90 - 110	0	20

Lab Sample ID: 890-1140-A-6-D MS
Matrix: Solid
Analysis Batch: 6969

Client Sample ID: Matrix Spike
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	649	F1	251	847.9	F1	mg/Kg		79	90 - 110

Lab Sample ID: 890-1140-A-6-E MSD
Matrix: Solid
Analysis Batch: 6969

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	649	F1	251	847.6	F1	mg/Kg		79	90 - 110	0	20

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1141-1
SDG: 212C-MD-02376

GC VOA

Prep Batch: 6935

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1141-1	BH-48 (4)	Total/NA	Solid	5035	
890-1141-2	BH-49 (2)	Total/NA	Solid	5035	
890-1141-3	BH-50 (2)	Total/NA	Solid	5035	
890-1141-4	BH-82 (2)	Total/NA	Solid	5035	
MB 880-6935/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-6935/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-6935/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-5304-A-6-D MS	Matrix Spike	Total/NA	Solid	5035	
880-5304-A-6-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 6938

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1141-1	BH-48 (4)	Total/NA	Solid	8021B	6935
890-1141-2	BH-49 (2)	Total/NA	Solid	8021B	6935
890-1141-3	BH-50 (2)	Total/NA	Solid	8021B	6935
890-1141-4	BH-82 (2)	Total/NA	Solid	8021B	6935
MB 880-6935/5-A	Method Blank	Total/NA	Solid	8021B	6935
LCS 880-6935/1-A	Lab Control Sample	Total/NA	Solid	8021B	6935
LCSD 880-6935/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	6935
880-5304-A-6-D MS	Matrix Spike	Total/NA	Solid	8021B	6935
880-5304-A-6-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	6935

GC Semi VOA

Prep Batch: 6922

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1141-1	BH-48 (4)	Total/NA	Solid	8015NM Prep	
890-1141-2	BH-49 (2)	Total/NA	Solid	8015NM Prep	
890-1141-3	BH-50 (2)	Total/NA	Solid	8015NM Prep	
890-1141-4	BH-82 (2)	Total/NA	Solid	8015NM Prep	
MB 880-6922/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-6922/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-6922/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1137-A-1-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-1137-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 6923

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1141-1	BH-48 (4)	Total/NA	Solid	8015B NM	6922
890-1141-2	BH-49 (2)	Total/NA	Solid	8015B NM	6922
890-1141-3	BH-50 (2)	Total/NA	Solid	8015B NM	6922
890-1141-4	BH-82 (2)	Total/NA	Solid	8015B NM	6922
MB 880-6922/1-A	Method Blank	Total/NA	Solid	8015B NM	6922
LCS 880-6922/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	6922
LCSD 880-6922/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	6922
890-1137-A-1-D MS	Matrix Spike	Total/NA	Solid	8015B NM	6922
890-1137-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	6922

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1141-1
SDG: 212C-MD-02376

HPLC/IC

Leach Batch: 6946

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1141-1	BH-48 (4)	Soluble	Solid	DI Leach	
890-1141-2	BH-49 (2)	Soluble	Solid	DI Leach	
890-1141-3	BH-50 (2)	Soluble	Solid	DI Leach	
890-1141-4	BH-82 (2)	Soluble	Solid	DI Leach	
MB 880-6946/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-6946/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-6946/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-1140-A-6-D MS	Matrix Spike	Soluble	Solid	DI Leach	
890-1140-A-6-E MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 6969

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1141-1	BH-48 (4)	Soluble	Solid	300.0	6946
890-1141-2	BH-49 (2)	Soluble	Solid	300.0	6946
890-1141-3	BH-50 (2)	Soluble	Solid	300.0	6946
890-1141-4	BH-82 (2)	Soluble	Solid	300.0	6946
MB 880-6946/1-A	Method Blank	Soluble	Solid	300.0	6946
LCS 880-6946/2-A	Lab Control Sample	Soluble	Solid	300.0	6946
LCSD 880-6946/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	6946
890-1140-A-6-D MS	Matrix Spike	Soluble	Solid	300.0	6946
890-1140-A-6-E MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	6946

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1141-1
SDG: 212C-MD-02376

Client Sample ID: BH-48 (4)

Date Collected: 08/20/21 00:00
Date Received: 08/20/21 13:46

Lab Sample ID: 890-1141-1
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	6935	08/23/21 10:21	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6938	08/23/21 19:42	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	6922	08/23/21 08:36	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6923	08/23/21 17:03	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	6946	08/23/21 11:53	CH	XEN MID
Soluble	Analysis	300.0		1			6969	08/24/21 08:21	CH	XEN MID

Client Sample ID: BH-49 (2)

Date Collected: 08/20/21 00:00
Date Received: 08/20/21 13:46

Lab Sample ID: 890-1141-2
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	6935	08/23/21 10:21	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6938	08/23/21 20:02	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	6922	08/23/21 08:36	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6923	08/23/21 17:45	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	6946	08/23/21 11:53	CH	XEN MID
Soluble	Analysis	300.0		1			6969	08/24/21 03:34	CH	XEN MID

Client Sample ID: BH-50 (2)

Date Collected: 08/20/21 00:00
Date Received: 08/20/21 13:46

Lab Sample ID: 890-1141-3
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			4.98 g	5 mL	6935	08/23/21 10:21	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6938	08/23/21 20:22	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	6922	08/23/21 08:36	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6923	08/23/21 18:06	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	6946	08/23/21 11:53	CH	XEN MID
Soluble	Analysis	300.0		1			6969	08/24/21 03:40	CH	XEN MID

Client Sample ID: BH-82 (2)

Date Collected: 08/20/21 00:00
Date Received: 08/20/21 13:46

Lab Sample ID: 890-1141-4
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			5.03 g	5 mL	6935	08/23/21 10:21	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6938	08/23/21 20:43	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	6922	08/23/21 08:36	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6923	08/23/21 18:28	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	6946	08/23/21 11:53	CH	XEN MID
Soluble	Analysis	300.0		1			6969	08/24/21 03:46	CH	XEN MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1141-1
SDG: 212C-MD-02376

Laboratory: Eurofins Xenco, Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-20-21	06-30-22

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
8015B NM	8015NM Prep	Solid	Total TPH
8021B	5035	Solid	Total BTEX

Method Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1141-1
SDG: 212C-MD-02376

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN 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.

Laboratory References:

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

Sample Summary

Client: Tetra Tech, Inc.
Project/Site: Falcon CDP

Job ID: 890-1141-1
SDG: 212C-MD-02376

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-1141-1	BH-48 (4)	Solid	08/20/21 00:00	08/20/21 13:46	4
890-1141-2	BH-49 (2)	Solid	08/20/21 00:00	08/20/21 13:46	2
890-1141-3	BH-50 (2)	Solid	08/20/21 00:00	08/20/21 13:46	2
890-1141-4	BH-82 (2)	Solid	08/20/21 00:00	08/20/21 13:46	2

Page 805 of 821

8/24/2021

Analysis Request of Chain of Custody Record

890-1141 Chain of Custody

Page 1 of 1

Tetra Tech, Inc.

901W Wall Street, Ste 100
Midland, Texas 79705
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: EnLink	**Site Manager:** Brittany Long
Project Name: Falcon CDP	
Project Location: (county, state) Eddy county, New Mexico	**Project #:** 212C-MD-02376
Invoice to: Mike Luckett - EnLink	
Receiving Laboratory: Eurofins Xenco	**Sampler Signature:**
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE (YEAR: 2020)	SAMPLING TIME	MATRIX: WATER	MATRIX: SOIL	PRESERVATIVE METHOD: HCL	PRESERVATIVE METHOD: HNO_3	PRESERVATIVE METHOD: ICE	PRESERVATIVE METHOD: None	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	Hold
	BH-48 (4')	8/20/21			X			X				X		X												X				
	BH-49 (2')	↓			X			X				↓		↓												↓				
	BH-50 (2')				X			X																						
	SW-82 (2')				X			X																						
					X			X																						
					X			X																						
					X			X																						
					X			X																						
					X			X																						
					X			X																						

Relinquished by:	Date:	Time:	Received by:
	8/20/21		N. Otte 8/20/21 1:46
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:

LAB USE ONLY

Sample Temperature
22/20
-0.2

REMARKS:

- ☐ STANDARD
- ☒ RUSH: Same Day 24 hr 48 hr (72 hr)
- ☐ Rush Charges Authorized
- ☐ Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #:

ORIGINAL COPY

Page 19 of 22

Received by OCD: 9/14/2021 1:19:38 PM

Released to Imaging: 1/6/2022 8:12:55 AM

Page 806 of 821

Eurofins Xenco, Carlsbad
1089 N Canal St
Carlsbad NM 88220
Phone. 575-988-3199 Fax 575-988-3199

Chain of Custody Record

eurofins | Environment Testing America

Client Information (Sub Contract Lab)	Sampler	Lab PM: Kramer Jessica	Carrier Tracking No(s)	COC No: 890-365 1
Client Contact: Shipping/Receiving	Phone	E-Mail: jessica kramer@eurofinset.com	State of Origin: New Mexico	Page: Page 1 of 1
Company: Eurofins Xenco		Accreditations Required (See note): NELAP - Louisiana NELAP - Texas		Job #: 890-1141-1
Address: 1211 W Florida Ave	Due Date Requested: 8/25/2021			
City: Midland	TAT Requested (days):			
State, Zip: TX, 79701	PO #			
Phone: 432-704-5440(Tel)	WO #:			
Email	Project #: 88000039			
Project Name: Falcon CDP	SSOW#:			
Site.				

Analysis Requested

Preservation Codes

A	HCL	M	Hexane
B	NaOH	N	None
C	Zn Acetate	O	AsNaO2
D	Nitric Acid	P	Na2O4S
E	NaHSO4	Q	Na2SO3
F	MeOH	R	Na2S2O3
G	Amchlor	S	H2SO4
H	Ascorbic Acid	T	TSP Dodecahydrate
I	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	Z	other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_NM/8015NM_S_Prep (MOD) Full TPH	8021B/5035FP_Calc BTEX	300_ORGFM_28D/DI_LEACH Chloride	Total Number of containers	Special Instructions/Note.
			Preservation Code:								
BH-48 (4) (890-1141-1)	8/20/21	Mountain		Solid			X	X	X	1	
BH-49 (2) (890-1141-2)	8/20/21	Mountain		Solid			X	X	X	1	
BH-50 (2) (890-1141-3)	8/20/21	Mountain		Solid			X	X	X	1	
BH-82 (2) (890-1141-4)	8/20/21	Mountain		Solid			X	X	X	1	

Note Since laboratory accreditations are subject to change Eurofins Xenco LLC places the ownership of method analyte & accreditation compliance upon out subcontract laboratories This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins Xenco LLC attention immediately If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to Eurofins Xenco LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested I II III IV Other (specify) Primary Deliverable Rank 2	Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment:

Relinquished by:	Date/Time: 8/20/21 2:05	Company	Received by:	Date/Time: 8-21-20	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time: 930	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks: 1.2/1.7

Ver: 06/08/2021

Received by OCD: 9/14/2021 1:19:38 PM

Released to Imaging: 1/6/2022 8:12:55 AM

Login Sample Receipt Checklist

Client: Tetra Tech, Inc.

Job Number: 890-1141-1
SDG Number: 212C-MD-02376

Login Number: 1141
List Number: 1
Creator: Olivas, Nathaniel

List Source: Eurofins Xenco, 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: Tetra Tech, Inc.

Job Number: 890-1141-1
SDG Number: 212C-MD-02376

Login Number: 1141
List Number: 2
Creator: Kramer, Jessica

List Source: Eurofins Xenco, Midland
List Creation: 08/23/21 08:04 AM

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	1.2/1.7
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.	True	
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	

TETRA TECH

Appendix E

State Correspondence

⚠ **CAUTION:** This email originated from an external sender. Verify the source before opening links or attachments. ⚠

FYI

Mike Luckett
Lead Environmental Engineer

432.221.9707 office
225.892.2487 mobile

From: Mann, Ryan <rmann@slo.state.nm.us>
Sent: Friday, April 16, 2021 12:36 PM
To: Mike Luckett <Mike.Luckett@enlink.com>; 'Hamlet, Robert, EMNRD' <Robert.Hamlet@state.nm.us>
Cc: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Venegas, Victoria, EMNRD <Victoria.Venegas@state.nm.us>; Eads, Cristina, EMNRD <Cristina.Eads@state.nm.us>; Boone, Brandon W. <bboone@slo.state.nm.us>; Long, Brittany <Brittany.Long@tetratech.com>
Subject: [EXTERNAL] RE: Remediation Denied - Enlink - Falcon CDP - (Incident #NRM2000659184)

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Mr. Luckett,

This is release is located in medium karst according to the supplied document. Because of this, this needs to remediated to 100/mg/kg TPH; this doesn't not appear to alter the plan too much. But additional excavations to those proposed are necessary at Trench 14, 15, 16(not delineated), 17, 18, 19, 20, 22, 24 in order to accomplish this.

This plan is approved with the above alterations. Approval is also necessary from the NMOCD. Please let me know if you have any questions.

Ryan Mann
Remediation Specialist
Surface Division
575-392-8736 Office
575-699-1989 Cell
New Mexico State Land Office
914 N. Linam Street
Hobbs, NM 88240
rmann@slo.state.nm.us
nmstatelands.org

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

From: Mike Luckett [mailto:Mike.Luckett@enlink.com]
Sent: Friday, April 16, 2021 10:33 AM
To: Mann, Ryan <rmann@slo.state.nm.us>; 'Hamlet, Robert, EMNRD' <Robert.Hamlet@state.nm.us>
Cc: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Venegas, Victoria, EMNRD <Victoria.Venegas@state.nm.us>; Eads, Cristina, EMNRD <Cristina.Eads@state.nm.us>; Boone, Brandon W. <bboone@slo.state.nm.us>; Long, Brittany <Brittany.Long@tetratech.com>
Subject: [EXTERNAL] RE: Remediation Denied - Enlink - Falcon CDP - (Incident #NRM2000659184)

Good morning Ryan,

Here is our updated remediation plan. If you have any questions or need anything else feel free to reach out.

Thanks,

Mike Luckett
Lead Environmental Engineer

432.221.9707 office
225.892.2487 mobile

From: Mann, Ryan <rmann@slo.state.nm.us>
Sent: Friday, April 16, 2021 11:24 AM
To: 'Hamlet, Robert, EMNRD' <Robert.Hamlet@state.nm.us>; Susan Singh <Susan.Singh@enlink.com>; Trevor Baird <Trevor.Baird@enlink.com>; Mike Luckett <Mike.Luckett@enlink.com>
Cc: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Venegas, Victoria, EMNRD <Victoria.Venegas@state.nm.us>; Eads, Cristina, EMNRD <Cristina.Eads@state.nm.us>; Boone, Brandon W. <bboone@slo.state.nm.us>
Subject: [EXTERNAL] RE: Remediation Denied - Enlink - Falcon CDP - (Incident #NRM2000659184)

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good morning,

NMSLO needs an update on this remediation plan. This is the last correspondence that I have seen regarding this. The spill has set for years at this point and impacting other ROW activities on STL. If Enlink is debating the depth to groundwater, then a definitive determination needs to be made, otherwise it is assumed to be less than 50. Irrespective of depth to groundwater, a significant amount has traveled in to the pasture and has not been addressed and the contaminated soil is still in place.

Provide an updated plan of action to remediate this area. Please let me know if you have any questions.

Ryan Mann
Remediation Specialist
Surface Division
575-392-8736 Office
575-699-1989 Cell
New Mexico State Land Office
914 N. Linam Street
Hobbs, NM 88240
rmann@slo.state.nm.us
nmstatelands.org

Long, Brittany

From: Mike Luckett <Mike.Luckett@enlink.com>
Sent: Friday, June 18, 2021 12:29 PM
To: Long, Brittany; Gonzales, Clair
Subject: FW: [EXTERNAL] The Oil Conservation Division (OCD) has approved the application, Application ID: 26526

⚠ **CAUTION:** This email originated from an external sender. Verify the source before opening links or attachments. ⚠

Brittany and Claire,

We finally received approval from the OCD! We are still waiting on our Right of Entry approval and once that is received we will be ready to get started.

I take it that even though OCD is not requiring us to clean up to 100 mg/kg TPH that since the SLO approved that we are unfortunately bound by the stricter of the two?

Thanks,

Mike Luckett
Lead Environmental Engineer

432.221.9707 office
225.892.2487 mobile

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Friday, June 18, 2021 11:18 AM
To: Mike Luckett <Mike.Luckett@enlink.com>
Subject: [EXTERNAL] The Oil Conservation Division (OCD) has approved the application, Application ID: 26526

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

To whom it may concern (c/o Mike Luckett for EnLink Delaware Crude Pipeline, LLC),

The OCD has approved the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nRM2000659184,
with the following conditions:

- **The Workplan/Remediation Plan is approved with the following conditions: In the pasture area, surface to 4' below ground surface, sidewall/floor samples need to comply with the strictest closure criteria limits 600 mg/kg for Chlorides and 100 mg/kg TPH. 4 feet below ground surface; soil contamination limits revert back to Table 1 in the spill rule. With the borehole drilled to 56.5' showing no evidence of groundwater, all closure samples 4 feet below ground surface need to meet Table 1 Closure Criteria for ground water at a depth of 51'-100'. Requirements include 10,000 mg/kg for chlorides, 2,500 mg/kg (GRO+DRO+MRO) or 1,000 mg/kg for (GRO+DRO). A variance has been approved for 1,000 ft2 confirmation sample size on the release area. Around equipment, safely excavate using a hydrovac and/or shovel to remove contaminated soil.**

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

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

Thank you,
Robert Hamlet
575-748-1283
Robert.Hamlet@state.nm.us

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

NYSE: ENLC

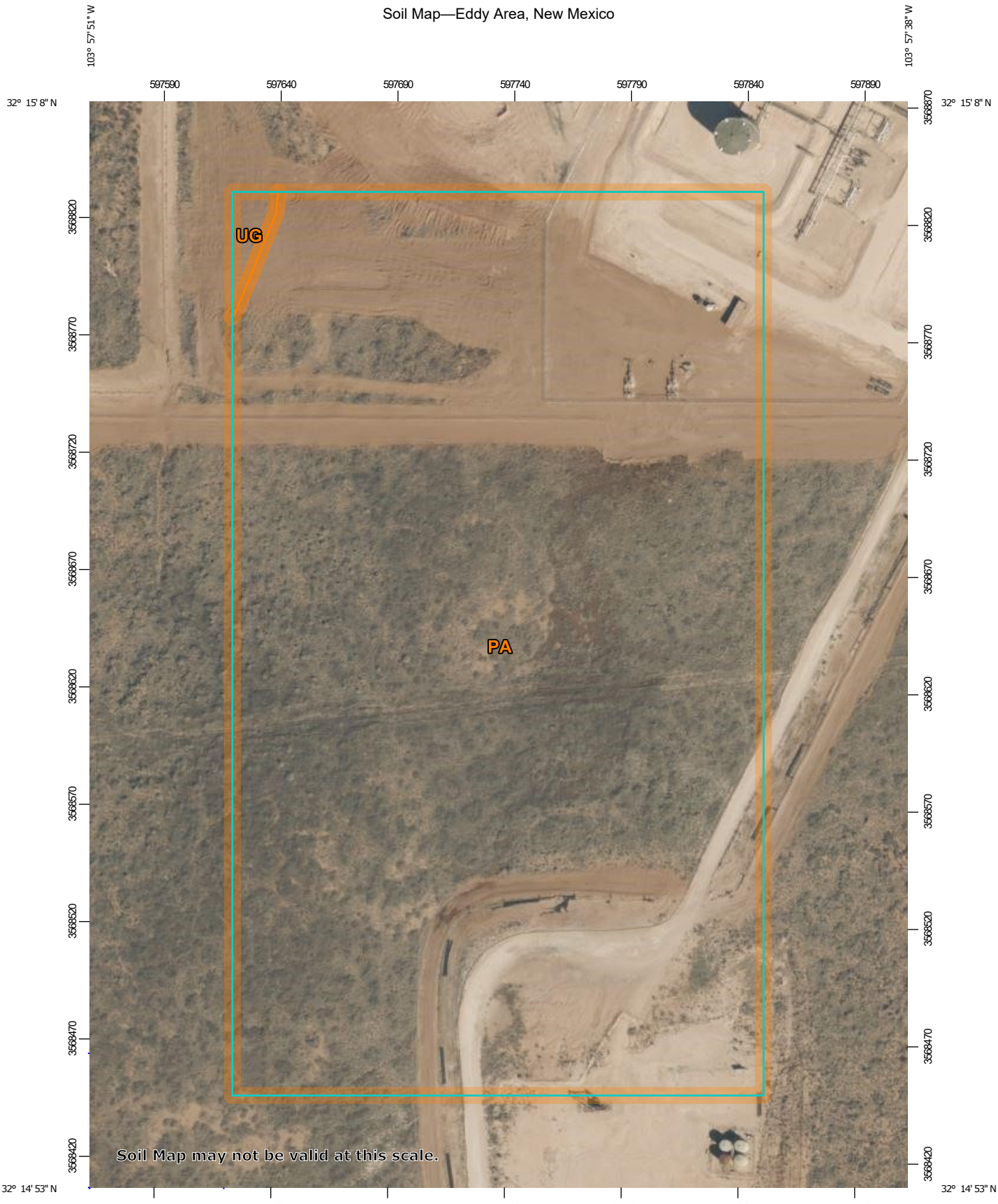
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TETRA TECH

Appendix F

Reseeding Documentation

Soil Map—Eddy Area, New Mexico



Map Scale: 1:2,260 if printed on A portrait (8.5" x 11") sheet.

N

Meters: 0 30 60 120 180

Feet: 0 100 200 400 600

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 13N WGS84

Released to Imaging: 1/6/2022 8:12:55 AM

Received by OCD: 9/14/2021 1:19:38 PM

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Eddy Area, New Mexico
Survey Area Data: Version 16, Jun 8, 2020

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 7, 2020—May 12, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Released to Imaging: 1/6/2022 8:12:55 AM

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
PA	Pajarito loamy fine sand, 0 to 3 percent slopes, eroded	21.6	99.3%
UG	Upton gravelly loam, 0 to 9 percent slopes	0.1	0.7%
Totals for Area of Interest		**21.7**	**100.0%**

Eddy Area, New Mexico

PA—Pajarito loamy fine sand, 0 to 3 percent slopes, eroded

Map Unit Setting

National map unit symbol: 1w54
Elevation: 2,700 to 5,500 feet
Mean annual precipitation: 5 to 15 inches
Mean annual air temperature: 57 to 70 degrees F
Frost-free period: 180 to 250 days
Farmland classification: Not prime farmland

Map Unit Composition

Pajarito and similar soils: 98 percent
Minor components: 2 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Pajarito

Setting

Landform: Dunes, interdunes, plains
Landform position (three-dimensional): Side slope
Down-slope shape: Convex, linear
Across-slope shape: Convex, linear
Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 13 inches: loamy fine sand
H2 - 13 to 36 inches: fine sandy loam
H3 - 36 to 60 inches: fine sandy loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): High (2.00 to 6.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 15 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water capacity: Moderate (about 7.9 inches)

Interpretive groups

Land capability classification (irrigated): 2e
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: A

Ecological site: R042XC003NM - Loamy Sand
Hydric soil rating: No

Minor Components

Wink
Percent of map unit: 1 percent
Ecological site: R042XC003NM - Loamy Sand
Hydric soil rating: No

Berino
Percent of map unit: 1 percent
Ecological site: R042XC003NM - Loamy Sand
Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico
Survey Area Data: Version 16, Jun 8, 2020

Page 820 of 821

NMSLO Seed Mix — Loamy (L)

LOAMY (L) SITES SEED MIXTURE:

COMMON NAME	VARIETY	APPLICATION RATE (PLS/Acre)	DRILL BOX
Grasses:			
Black grama	VNS, Southern	1.0	D
Blue grama	Lovington	1.0	D
Sideoats grama	Vaughn, El Reno	4.0	F
Sand dropseed	VNS, Southern	2.0	S
Alkali sacaton	VNS, Southern	1.0	
Little bluestem	Cimarron, Pastura	1.5	F
Forbs:			
Firewheel (*Gaillardia*)	VNS, Southern	1.0	D
Shrubs:			
Fourwing saltbush	Marana, Santa Rita	1.0	D
Common winterfat	VNS, Southern	0.5	F
	Total PLS/acre	**18.0**	

S = Small seed drill box, D = Standard seed drill box, F = Fluffy seed drill box
VNS = Variety Not Stated, PLS = Pure Live Seed

- Seed mixes should be provided in bags separating seed types into the three categories: small (S), standard (D) and fluffy (F).
- VNS, Southern – Seed should be from a southern latitude collection of this species.
- Double seed application rate for broadcast or hydroseeding.
- If one species is not available, contact the SLO for an approved substitute; alternatively the SLO may require other species proportionately increased.
- Additional information on these seed species can be found on the USDA Plants Database website at http://plants.usda.gov.

Received by OCD: 9/14/2021 1:19:38 PM
Released to Imaging: 1/6/2022 8:12:55 AM

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 48513

CONDITIONS

Operator: EnLink Delaware Crude Pipeline, LLC 1722 Routh Street Dallas, TX 75201	OGRID: 329302
	Action Number: 48513
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NRM2000659184 FALCON CDP, thank you. This closure is approved.	1/6/2022