

Incident ID	NAB1916436300
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?	9.28' (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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

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

Printed Name: Dale Woodall Title: Env. Professional
Signature: *Dale Woodall* Date: 4/25/2023
email: dale.woodall@dvn.com Telephone: 575-748-1838

OCD Only

Received by: _____ Date: _____

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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: Dale Woodall Title: Env. Professional
 Signature: Dale Woodall Date: 4/25/2023
 email: dale.woodall@dvn.com Telephone: 575-748-1838

OCD Only

Received by: _____ Date: _____

- Approved Approved with Attached Conditions of Approval Denied Deferral Approved

Signature: _____ Date: _____

Incident ID	NAB1916436300
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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: Dale Woodall Title: Env. Professional
 Signature: *Dale Woodall* Date: 4/25/2023
 email: dale.woodall@dvn.com Telephone: 575-748-1838

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: _____



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

January 19, 2023

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

**Re: Closure Report
Preacher 19 Federal #003H
Unit O, S19, T24S, R27E
Site Coordinates: 32.1957703, -104.2276001
Eddy County, New Mexico
Incident ID: nAB1916436300**

Mr. Bratcher:

On behalf of Devon Energy Production Company (Devon), New Tech Global Environmental, LLC (NTGE) has prepared this report to document site assessment and remedial action activities at the Preacher 19 Federal #003H (Site). The Site is located approximately 16.1 miles south of Carlsbad, New Mexico in Eddy County (Figures 1 and 2).

Background

Based on the initial C-141 (attached) obtained from the New Mexico Oil Conservation Division (NMOCD) website, the release was discovered on May 31, 2019. The release resulted from the three-phase separator releasing approximately 22 barrels (bbls) of produced water and 3 bbls of crude oil; of which 3 bbls of crude oil and 17 bbls of produced water were recovered. Upon discovery, the well was shut-in, and the area was secured. The release area is shown on Figure 3.

Site Characterization

Based on a review of the New Mexico Office of State Engineers and USGS databases, there are no known water sources within a ½-mile radius of the Site, and the site is located within a medium karst area. The nearest identified well is located 1.15 miles northwest of the Site in Sec 19 T24S R27E. The well was drilled in 1992 with a reported depth to groundwater of 9.28' feet below ground surface (ft bgs). A copy of the site characterization information and the associated USGS summary report is attached.

Regulatory Criteria

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

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

Mr. Mike Bratcher
January 19, 2023
Page 2 of 3

Site Assessment

On August 17, 2022, NTGE conducted site assessment activities to assess the extent of impacts at the Site. A total of four sample points (i.e., S-1 through S-4), as well as eleven horizontal sample points (i.e., H-1 through H-11) were installed within the release area to characterize the impacts. Soil samples were collected in 1 ft intervals from depths ranging from 0 – 4.5 ft below ground surface (bgs) with a geotechnical hand auger. Sample locations from NTGE's assessment activities are shown on Figure 3. Analytical results from NTGE's assessment (attached in Table 1), indicated that chlorides within the release extent exceeded regulatory thresholds in H-11. The samples were submitted to Eurofins Laboratory of Midland, Texas and analyzed for the following:

- TPH (EPA method 8015 modified),
- BTEX (EPA Method 8021B), and
- Chloride (EPA method SM4500Cl-B).

Remedial Action Activities and Confirmation Sampling

Devon proceeded with remedial action activities at the Site to include the excavation and disposal of impacted soils above the regulatory limits. The release area was excavated to depths of 3 ft bgs within the release area. The excavation area is illustrated on Figure 4.

A total of 12 confirmation samples were collected from the excavation base (i.e., CS-1 through CS-12) and 13 confirmation samples were collected from the excavation sidewalls (i.e., SW-1 through SW-13) to ensure impacted soils were successfully removed. Analytical results indicated that 4 of the confirmation samples (CS-5, CS-7, CS-11, and CS-12) and 3 of the sidewall samples (SW-5 - SW-7) were above the regulatory limits for chlorides and would require further excavation.

After further excavation the areas of (CS-5, CS-7, CS-11, and CS-12) were re-sampled and 3 additional confirmation samples were collected from the excavation sidewalls (i.e., SW-11 through SW-13). Analytical results were below NMOCD standards. A photographic log documenting site conditions during confirmation sampling activities is attached.

The confirmation samples were collected every 200 square feet and submitted to Cardinal Laboratory of Hobbs, NM under proper chain of custody protocol for analysis. The samples were analyzed for the following:

- TPH (EPA method 8015 modified),
- BTEX (EPA Method 8021B), and
- Chloride (EPA method SM4500Cl-B).

Analytical results indicated the extent of impacted soils had been removed and no further excavation was required. The excavation was backfilled and returned to near-natural grade. The final excavation extent and confirmation sample locations are shown on Figure 4. Analytical results of the confirmation samples are included in Table 2.

Closing

Based on the assessment and subsequent remedial action activities, the Site is compliant with NMOCD's regulatory limits, and no further actions are required at the site. A copy of the final C- 141 is attached, and Devon formally requests a no further action designation for the Site. If you have any questions regarding this report or need additional information, please contact us at 432-701-2159.

Mr. Mike Bratcher
January 19, 2023
Page 3 of 3

Sincerely,
NTG Environmental



Ethan Sessums
Project Manager

Attachments:

Initial And Final C-141
Site Characterization Information
Table

Figures
Photographic Log
Laboratory Reports and Chain-of-Custody

Ethan Sessums

From: Jordan Tyner
Sent: Monday, November 14, 2022 5:05 PM
To: New Mexico OCD
Cc: Ethan Sessums
Subject: Sampling Event

We will be conducting a sampling event on behalf of Devon on November 16, 2022 around 10am

nAB1916436300	PREACHER 19 FEDERAL #003H	5/31/2019
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Jordan Tyner
Project Scientist
NTG Environmental New Mexico
402 E Wood Ave, Carlsbad, NM 88220
M: (903) 309-8358 W: (432) 813-0263
Email: jtyner@ntglobal.com
<http://www.ntgenvironmental.com/>



Ethan Sessums

From: Jordan Tyner
Sent: Wednesday, December 7, 2022 3:27 PM
To: New Mexico OCD
Cc: Ethan Sessums
Subject: Sampling Event

We will be conducting a sampling event on behalf of Devon on December 13, 2022 around 10am

nAPP2221331654	Ichabod Water Booster Station	7/29/2022
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We will be conducting a sampling event on behalf of Devon on December 13, 2022 around 12am

nAB1916436300	PREACHER 19 FEDERAL #003H	5/31/2019
---------------	---------------------------	-----------

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



INITIAL AND FINAL C-141

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	OGRID
Contact Name	Contact Telephone
Contact email	Incident # (assigned by OCD)
Contact mailing address	

Location of Release Source

Latitude _____ Longitude _____
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Site Type
Date Release Discovered	API# (if applicable)

Unit Letter	Section	Township	Range	County

Surface Owner: 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)

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of total dissolved solids (TDS) in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

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? <input type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release?
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If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?

Initial Response

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

<input type="checkbox"/> The source of the release has been stopped. <input type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.
--

If all the actions described above have not been undertaken, explain why:

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.

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Printed Name: _____ Title: _____
 Signature: Kendra DeHoyos Date: _____
 email: _____ Telephone: _____

OCD Only
 Received by: _____ Date: _____

Incident ID	NAB1916436300
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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?	9.28' (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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.

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Printed Name: Dale Woodall Title: Env. Professional
 Signature: *Dale Woodall* Date: 4/25/2023
 email: dale.woodall@dvn.com Telephone: 575-748-1838

OCD Only

Received by: _____ Date: _____

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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.

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Printed Name: Dale Woodall Title: Env. Professional
 Signature: Dale Woodall Date: 4/25/2023
 email: dale.woodall@dvn.com Telephone: 575-748-1838

OCD Only

Received by: _____ Date: _____

- Approved Approved with Attached Conditions of Approval Denied Deferral Approved

Signature: _____ Date: _____

Incident ID	NAB1916436300
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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

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Printed Name: Dale Woodall Title: Env. Professional
 Signature: *Dale Woodall* Date: 4/25/2023
 email: dale.woodall@dvn.com Telephone: 575-748-1838

OCD Only

Received by: Jocelyn Harimon Date: 04/25/2023

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: 09/14/2023
 Printed Name: Jocelyn Harimon Title: Environmental Specialist

SITE CHARACTERIZATION INFORMATION

Devon Energy - Preacher 19 Federal #003H
Sec 19 T24S R27E Unit O
32.1957703, -104.2276001
Eddy County, New Mexico

Site Characterization

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

-Medium Karst

- USGS Groundwater is 9.28' below surface, 1.15 miles Northwest of the site, 1992 Drilled, Section 24, T24S, R26E
- USGS Groundwater is 30.29' below surface, 1.16 miles North of the site, 1998 Drilled, Section 18, T24S, R27E
- NMSEO Groundwater is 40' below surface, 1.19 miles Northwest of the site, 2019 Drilled, Section 18, T24S, R27E
- NMSEO Groundwater is 28' below surface, 1.20 miles Northwest of the site, 2013 Drilled, Section 18, T24S, R27E
- NMSEO Groundwater is 28' below surface, 1.27 miles Northwest of the site, 2014 Drilled, Section 24, T24S, R26E




RRALs due to insufficient *RECENT* groundwater data

- Chlorides 600 mg/kg
- TPH GRO+DRO+MRO 100 mg/kg
- BTEX 50 mg/kg
- Benzene 10 mg/kg

Medium Karst

Devon Energy
Eddy County, New Mexico
32.1957703, -104.2276001

Legend

-  HIGH
-  MEDIUM
-  Site Location

Black River V.

Preacher 19 Federal #003H

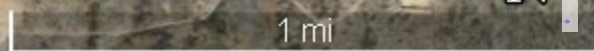
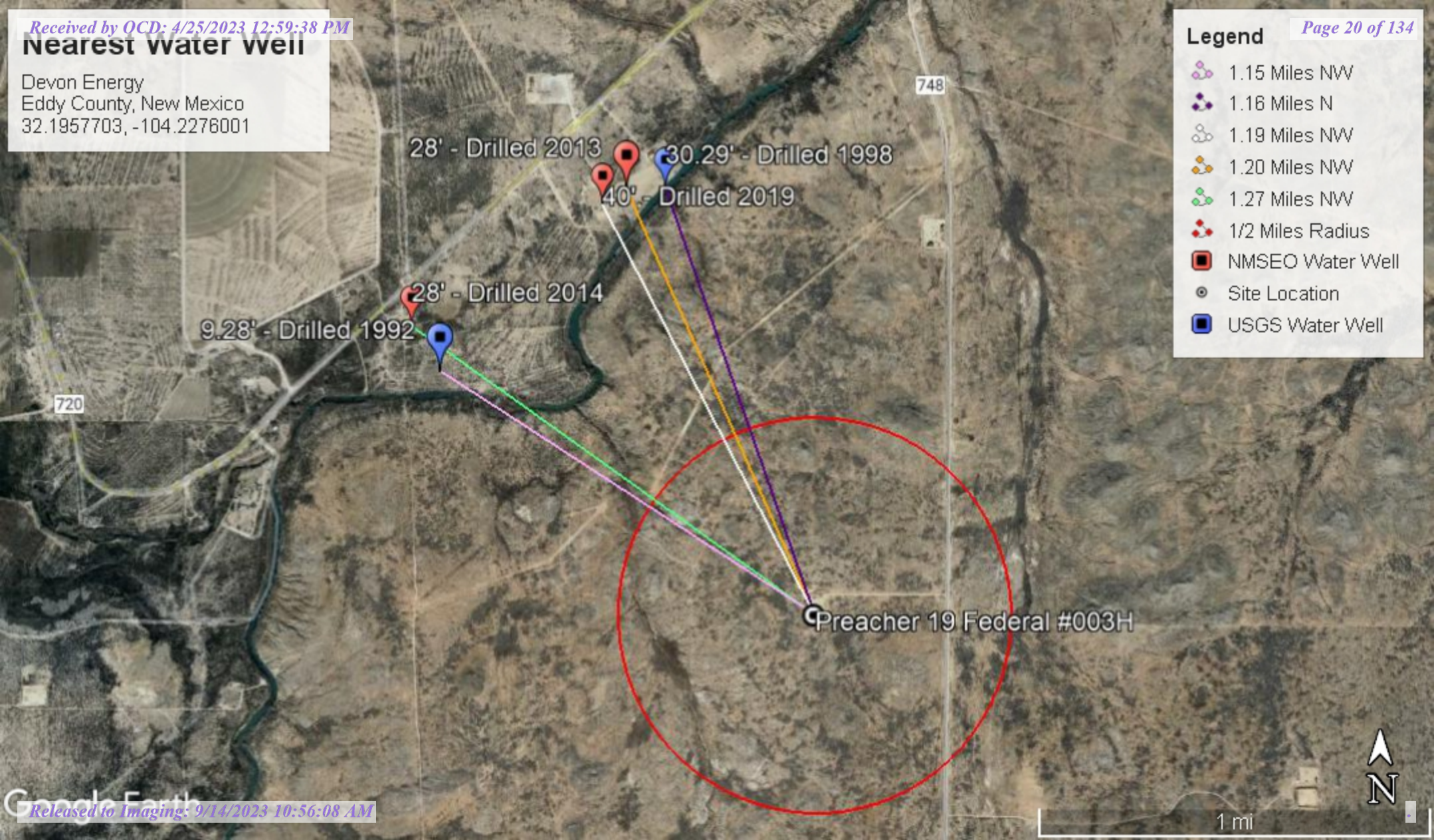


Nearest water well

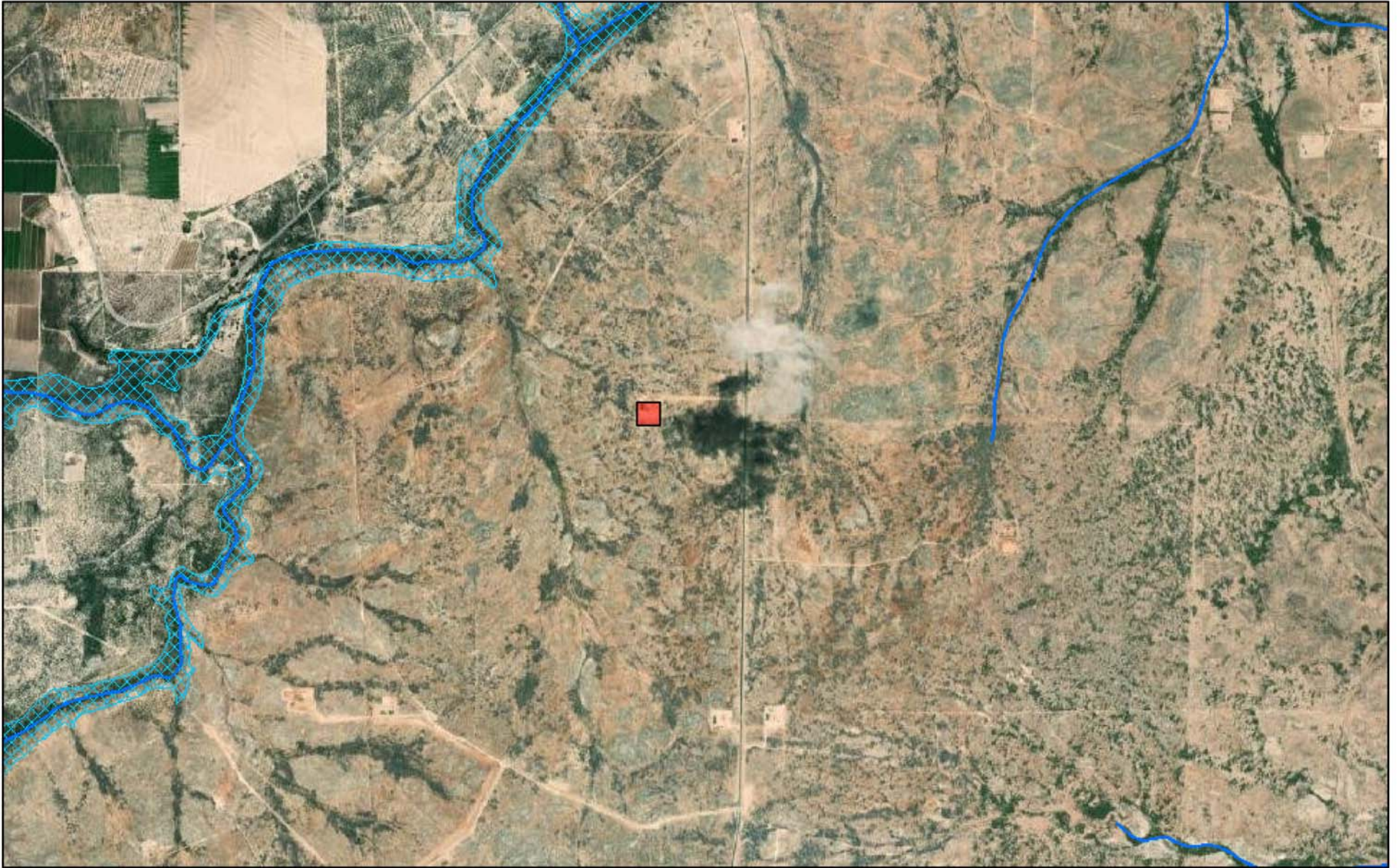
Devon Energy
Eddy County, New Mexico
32.1957703, -104.2276001

Legend

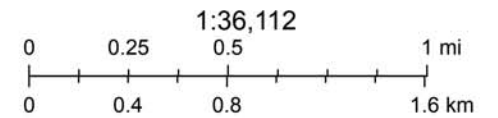
- 1.15 Miles NW
- 1.16 Miles N
- 1.19 Miles NW
- 1.20 Miles NW
- 1.27 Miles NW
- 1/2 Miles Radius
- NMSEO Water Well
- Site Location
- USGS Water Well



New Mexico NFHL Data



September 14, 2022



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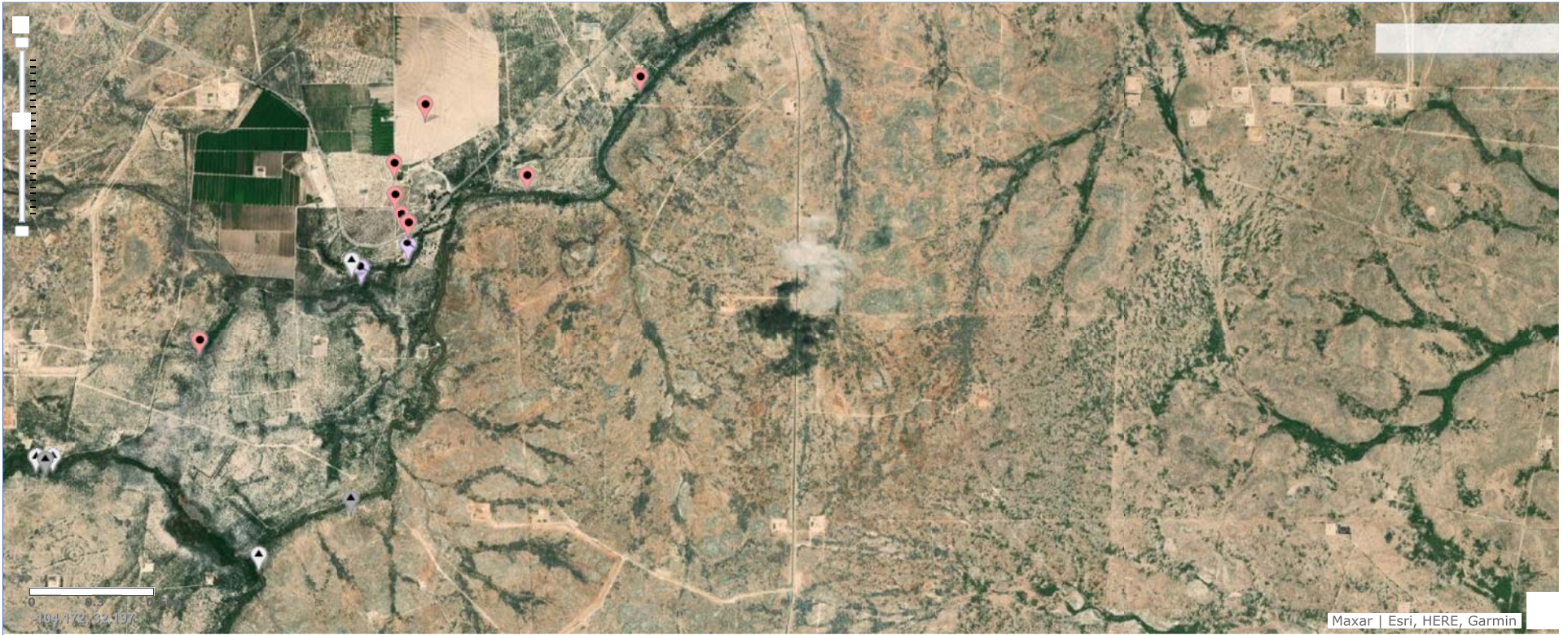
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Site Information



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	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 01841	C	ED		1	29	24S	27E			573806	3561953*	1097	150		
C 04360 POD1	C	ED		3	3	3	18	24S	27E	571910	3564085	1909	72	40	32
C 03560 POD1	C	ED		2	3	3	18	24S	27E	572009	3564150	1924	68	28	40
C 00929	C	ED		3	3	18	24S	27E		572013	3564159*	1930	54	33	21
C 01169	C	ED		1	4	3	18	24S	27E	572282	3564261*	1935	55	35	20
C 03777 POD1	C	ED		3	1	2	24	24S	26E	571120	3563571	2051	55	28	27
C 02043	C	ED		2	1	24	24S	26E		570805	3563758*	2417	42	28	14
C 00262	R	C	ED	4	3	1	24	24S	26E	570481	3563253*	2474	50		
C 00690	C	ED		1	3	3	24	24S	26E	570288	3562653*	2527	30	10	20
C 00262 POD2	C	ED		4	3	1	24	24S	26E	570234	3562337	2569	45	18	27
C 00100 A	CUB	ED		1	1	3	24	24S	26E	570284	3563053	2602	51	26	25
C 00949	C	ED		1	1	3	24	24S	26E	570284	3563053*	2602	62	35	27
C 00692	C	ED		3	3	1	24	24S	26E	570281	3563253*	2663	50	42	8
C 01616	C	ED		2	4	23	24S	26E		569988	3562956*	2869	84	84	0
C 00883	C	ED		3	2	4	23	24S	26E	569887	3562855*	2951	60	14	46
C 01085	C	ED		4	2	23	24S	26E		569990	3563356*	2971	127	60	67

Average Depth to Water: **34 feet**
 Minimum Depth: **10 feet**
 Maximum Depth: **84 feet**

Record Count: 16

UTMNAD83 Radius Search (in meters):

Easting (X): 572802.82

Northing (Y): 3562397.16

Radius: 3000

*UTM location was derived from PLSS - see Help

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National Water Information System: Web Interface

USGS Water Resources

Data Category: Groundwater Geographic Area: New Mexico

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- Explore the *NEW* [USGS National Water Dashboard](#) interactive map to access real-time water data from over 13,500 stations nationwide.
- Attention current WaterAlert users: NextGen WaterAlert is replacing Legacy WaterAlert. You must take action before 9/30/2022 to retain your alerts. [Read more.](#)
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Groundwater levels for New Mexico

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Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 321217104143701

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

USGS 321217104143701 24S.26E.24.144244

Eddy County, New Mexico
Latitude 32°12'17", Longitude 104°14'37" NAD27
Land-surface elevation 3,211 feet above NAVD88
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measu
1978-01-05			D 62610		3199.81	NGVD29	1		Z	
1978-01-05			D 62611		3201.48	NAVD88	1		Z	
1978-01-05			D 72019	9.52			1		Z	
1983-01-10			D 62610		3200.66	NGVD29	1		Z	
1983-01-10			D 62611		3202.33	NAVD88	1		Z	
1983-01-10			D 72019	8.67			1		Z	
1988-02-10			D 62610		3200.27	NGVD29	1		Z	
1988-02-10			D 62611		3201.94	NAVD88	1		Z	
1988-02-10			D 72019	9.06			1		Z	
1992-11-12			D 62610		3200.05	NGVD29	1		S	
1992-11-12			D 62611		3201.72	NAVD88	1		S	
1992-11-12			D 72019	9.28			1		S	

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	S	Steel-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	A	Approved for publication -- Processing and review completed.

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Title: Groundwater for New Mexico: Water Levels

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




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Page Last Modified: 2022-09-14 16:49:50 EDT

0.27 0.25 nadww01

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
						Groundwater	New Mexico	GO

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- Attention current WaterAlert users: NextGen WaterAlert is replacing Legacy WaterAlert. You must take action before 9/30/2022 to retain your alerts. [Read more.](#)
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Groundwater levels for New Mexico

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Search Results -- 1 sites found

Agency code = usgs

site_no list =

- 321242104140301

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

USGS 321242104140301 24S.27E.18.33332

Eddy County, New Mexico

Latitude 32°12'42", Longitude 104°14'03" NAD27

Land-surface elevation 3,189 feet above NAVD88

The depth of the well is 35 feet below land surface.

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measu
1955-07-13		D	62610		3159.06	NGVD29	1	Z		
1955-07-13		D	62611		3160.73	NAVD88	1	Z		
1955-07-13		D	72019	28.27			1	Z		
1978-01-25		D	62610		3157.58	NGVD29	1	Z		
1978-01-25		D	62611		3159.25	NAVD88	1	Z		
1978-01-25		D	72019	29.75			1	Z		
1983-01-27		D	62610		3157.92	NGVD29	1	Z		
1983-01-27		D	62611		3159.59	NAVD88	1	Z		
1983-01-27		D	72019	29.41			1	Z		
1988-02-10		D	62610		3158.99	NGVD29	1	Z		
1988-02-10		D	62611		3160.66	NAVD88	1	Z		
1988-02-10		D	72019	28.34			1	Z		
1992-11-12		D	62610		3158.16	NGVD29	1	S		

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 measuremen
1992-11-12		D	62611	3159.83	NAVD88	1	S	
1992-11-12		D	72019	29.17		1	S	
1998-01-07		D	62610	3157.04	NGVD29	1	S	
1998-01-07		D	62611	3158.71	NAVD88	1	S	
1998-01-07		D	72019	30.29		1	S	

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	S	Steel-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	A	Approved for publication -- Processing and review completed.

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New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)							
		(quarters are smallest to largest)					(NAD83 UTM in meters)		
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tw	Rng	X	Y
C	03560 POD1	2	3	3	18	24S	27E	572009	3564150

Driller License: 1348	Driller Company: TAYLOR WATER WELL SERVICE	
Driller Name: TAYLOR, CLINTON E.		
Drill Start Date: 02/07/2013	Drill Finish Date: 02/07/2013	Plug Date:
Log File Date: 03/26/2013	PCW Rev Date:	Source: Shallow
Pump Type:	Pipe Discharge Size:	Estimated Yield: 100 GPM
Casing Size: 4.50	Depth Well: 68 feet	Depth Water: 28 feet

Water Bearing Stratifications:	Top	Bottom	Description
	42	64	Shale/Mudstone/Siltstone

Casing Perforations:	Top	Bottom
	38	58

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9/14/22 2:37 PM

POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)			(NAD83 UTM in meters)
Well Tag	POD Number	(quarters are smallest to largest)	Q64 Q16 Q4 Sec TwS Rng	X	Y
C 03777 POD1			3 1 2 24 24S 26E	571120	3563571

Driller License: 1348	Driller Company: TAYLOR WATER WELL SERVICE	
Driller Name: TAYLOR, CLINTON E.		
Drill Start Date: 09/02/2014	Drill Finish Date: 09/02/2014	Plug Date:
Log File Date: 09/04/2014	PCW Rev Date:	Source: Shallow
Pump Type:	Pipe Discharge Size:	Estimated Yield: 100 GPM
Casing Size: 4.50	Depth Well: 55 feet	Depth Water: 28 feet

Water Bearing Stratifications:	Top	Bottom	Description
	28	40	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	35	55

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POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)							
		(quarters are smallest to largest)					(NAD83 UTM in meters)		
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tw	Rng	X	Y
22503	C 04360 POD1	3	3	3	18	24S	27E	571910	3564085

Driller License: 1348 **Driller Company:** TAYLOR WATER WELL SERVICE

Driller Name: TAYLOR, CLINTON E.E.ENER

Drill Start Date: 11/01/2019 **Drill Finish Date:** 11/04/2019 **Plug Date:**

Log File Date: 11/18/2019 **PCW Rev Date:** **Source:** Shallow

Pump Type: **Pipe Discharge Size:** **Estimated Yield:** 100 GPM

Casing Size: 4.50 **Depth Well:** 72 feet **Depth Water:** 40 feet

Water Bearing Stratifications:	Top	Bottom	Description
	40	54	Limestone/Dolomite/Chalk
	54	60	Sandstone/Gravel/Conglomerate
	60	72	Other/Unknown

Casing Perforations:	Top	Bottom
	39	72

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9/14/22 2:35 PM

POINT OF DIVERSION SUMMARY

TABLES

**Table 1 - Soil Delineation Samples - Remedial Action Activities
Devon Energy Production Company
Preacher 19 Federal #003H
Eddy County, New Mexico**

Sample ID	Date	Sample Depth	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX	Chlorides (mg/kg)
			DRO	GRO	MRO	Total						
S-1	8/17/2022	3 - 3.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	118
	8/17/2022	4 - 4.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	66.3
S-2	8/17/2022	0 - 1'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	45.0
	8/17/2022	1 - 1.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	130
S-3	8/17/2022	0 - 1'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	13.9
	8/18/2022	1 - 1.5'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	74.4
S-4	8/18/2022	0 - 1'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	29.5
	8/18/2022	1 - 1.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	185
H-1	8/17/2022	0-6"	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	215
H-2	8/17/2022	0-6"	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	15.2
H-3	8/17/2022	0-6"	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	16
H-4	8/17/2022	0-6"	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	26.5
H-5	8/17/2022	0-6"	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	12.1
H-6	8/17/2022	0-6"	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	9.97
H-7	8/17/2022	0-6"	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	13.6
H-8	8/17/2022	0-6"	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	23.8
H-9	8/17/2022	0-6"	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	23.9
H-10	8/17/2022	0-6"	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	33.9
H-11	8/17/2022	0-6"	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	11,600
Regulatory Limits ^A						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

(-) Not Analyzed

^A - Table 1 - 19.15.29 NMAC


mg/kg - milligram per kilogram

TPH- total petroleum hydrocarbons

ft-feet

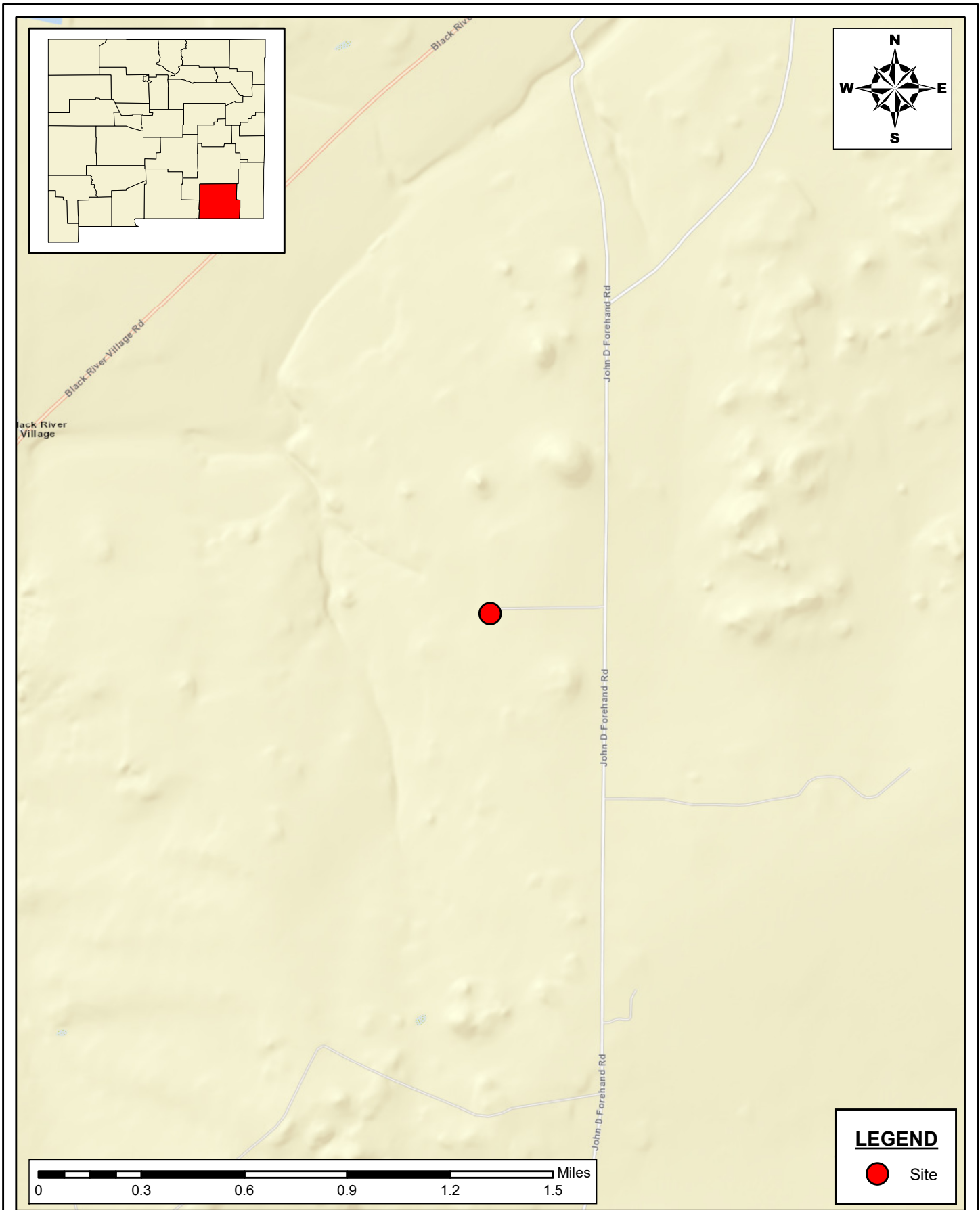
- exceeds regulatory limits

**Table 2 - Soil Confirmation Samples - Remedial Action Activities
Devon Energy Production Company
Preacher 19 Federal #003H
Eddy County, New Mexico**

Sample ID	Date	Sample Depth	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX	Chlorides (mg/kg)	
			DRO	GRO	MRO	Total							
CS-1	11/16/2022	3'	29.6	<10	<10	29.6	<0.050	<0.050	<0.050	<0.150	<0.300	576	
CS-2	11/16/2022	3'	<10	<10	<10	<10	<0.050	<0.050	<0.050	<0.150	<0.300	464	
CS-3	11/16/2022	3'	<10	<10	<10	<10	<0.050	<0.050	<0.050	<0.150	<0.300	448	
CS-4	11/16/2022	3'	<10	<10	<10	<10	<0.050	<0.050	<0.050	<0.150	<0.300	224	
CS-5	11/16/2022	3'	<10	<10	<10	<10	<0.050	<0.050	<0.050	<0.150	<0.300	1070	
	12/13/2022	4'	<10	<10	<10	<10	<0.050	<0.050	<0.050	<0.150	<0.300	304	
CS-6	11/16/2022	3'	<10	<10	<10	<10	<0.050	<0.050	<0.050	<0.150	<0.300	560	
CS-7	11/16/2022	3'	<10	<10	<10	<10	<0.050	<0.050	<0.050	<0.150	<0.300	896	
	12/13/2022	4'	<10	<10	<10	<10	<0.050	<0.050	<0.050	<0.150	<0.300	176	
CS-8	11/16/2022	3'	<10	<10	<10	<10	<0.050	<0.050	<0.050	<0.150	<0.300	256	
CS-9	11/16/2022	3'	<10	<10	<10	<10	<0.050	<0.050	<0.050	<0.150	<0.300	352	
CS-10	11/16/2022	3'	<10	<10	<10	<10	<0.050	<0.050	<0.050	<0.150	<0.300	304	
CS-11	11/16/2022	3'	<10	<10	<10	<10	<0.050	<0.050	<0.050	<0.150	<0.300	1800	
	12/13/2022	4'	<10	<10	<10	<10	<0.050	<0.050	<0.050	<0.150	<0.300	400	
CS-12	11/16/2022	3'	<10	<10	<10	<10	<0.050	<0.050	<0.050	<0.150	<0.300	1200	
	12/13/2022	4'	<10	<10	<10	<10	<0.050	<0.050	<0.050	<0.150	<0.300	304	
SW-1	11/16/2022	0-3'	<10	<10	<10	<10	<0.050	<0.050	<0.050	<0.150	<0.300	1330	
SW-2	11/16/2022	0-3'	<10	<10	<10	<10	<0.050	<0.050	<0.050	<0.150	<0.300	464	
SW-3	11/16/2022	0-3'	<10	<10	<10	<10	<0.050	<0.050	<0.050	<0.150	<0.300	560	
SW-4	11/16/2022	0-3'	<10	<10	<10	<10	<0.050	<0.050	<0.050	<0.150	<0.300	160	
SW-5	11/16/2022	0-3'	<10	<10	<10	<10	<0.050	<0.050	<0.050	<0.150	<0.300	1120	
SW-6	11/16/2022	0-3'	<10	<10	<10	<10	<0.050	<0.050	<0.050	<0.150	<0.300	1360	
SW-7	11/16/2022	0-3'	<10	<10	<10	<10	<0.050	<0.050	<0.050	<0.150	<0.300	28000	
SW-8	12/13/2022	0-3'	<10	<10	<10	<10	<0.050	<0.050	<0.050	<0.150	<0.300	288	
SW-9	12/13/2022	0-3'	<10	<10	<10	<10	<0.050	<0.050	<0.050	<0.150	<0.300	544	
SW-10	12/13/2022	0-3'	<10	<10	<10	<10	<0.050	<0.050	<0.050	<0.150	<0.300	96	
SW-11	12/13/2022	0-3'	<10	<10	<10	<10	<0.050	<0.050	<0.050	<0.150	<0.300	256	
SW-12	12/13/2022	0-3'	<10	<10	<10	<10	<0.050	<0.050	<0.050	<0.150	<0.300	352	
SW-13	12/13/2022	0-3'	<10	<10	<10	<10	<0.050	<0.050	<0.050	<0.150	<0.300	80	
Regulatory Limits ^A							100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg
(-) Not Analyzed ^A - Table 1 - 19.15.29 NMAC mg/kg - milligram per kilogram TPH- total petroleum hydrocarbons ft-feet  - exceeds regulatory limits													

FIGURES

Document Path: P:\2022 PROJECTS\DEVON\IRSCO\226005 - PREACHER 19 FEDERAL #003H\7 - Figures\GIS\Figure_1_SL.mxd



**AERIAL MAP
CLOSURE REPORT**
 PREACHER 19 FEDERAL #003H
 DEVON ENERGY PRODUCTION COMPANY, LLC
 EDDY COUNTY, NEW MEXICO



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

NOTES:

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

DRAWING NUMBER:

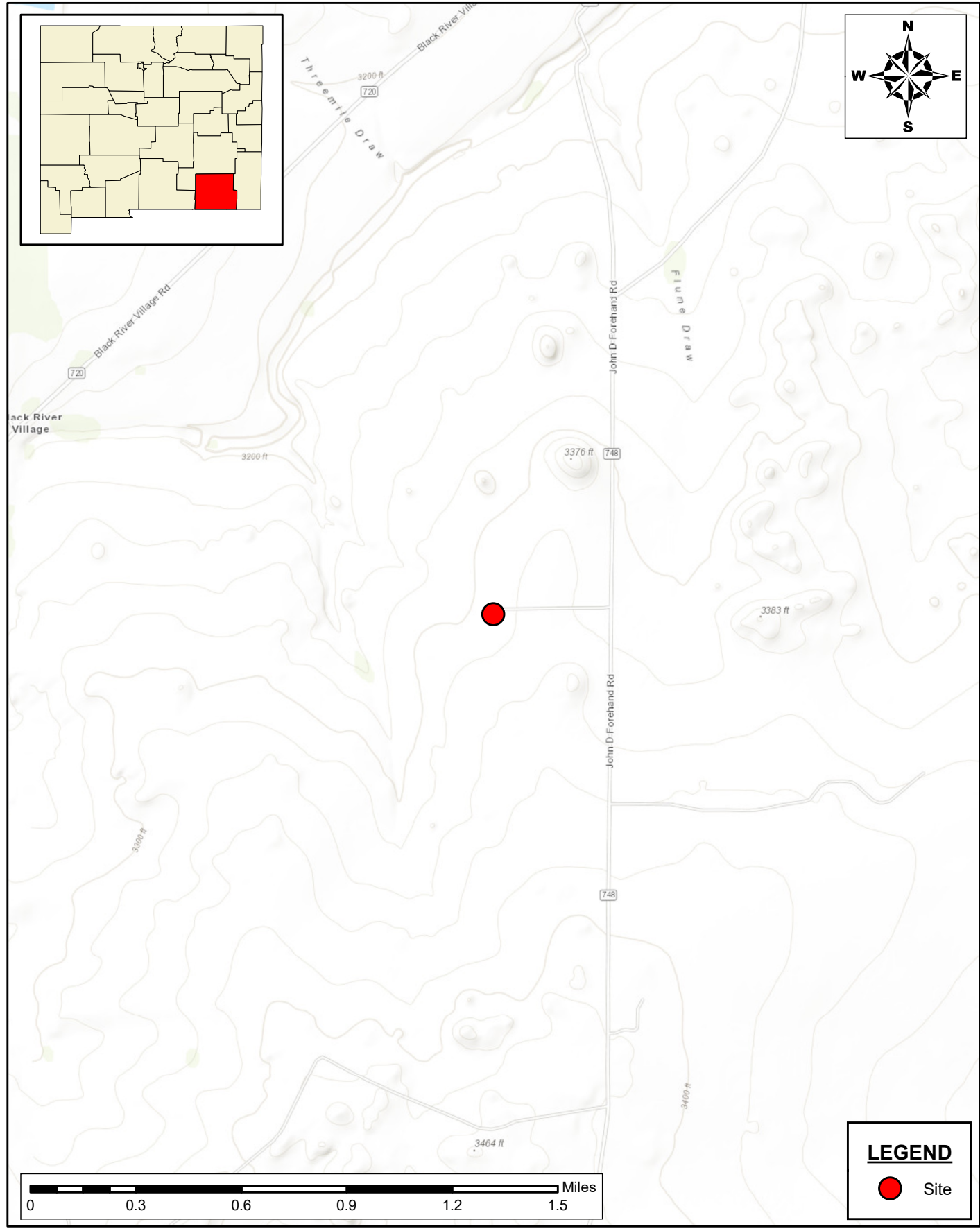
FIGURE 1

SHEET NUMBER:

1 of 1

SCALE: As Shown	Date: 9/1/2022	PROJECT #: 226005
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Document Path: P:\2022 PROJECTS\DEVON\IRS\226005 - PREACHER 19 FEDERAL #003HY7 - Figures\GIS\Figure_2_SL.mxd



**TOPOGRAPHIC MAP
CLOSURE REPORT**
 PREACHER 19 FEDERAL #003H
 DEVON ENERGY PRODUCTION COMPANY, LLC
 EDDY COUNTY, NEW MEXICO

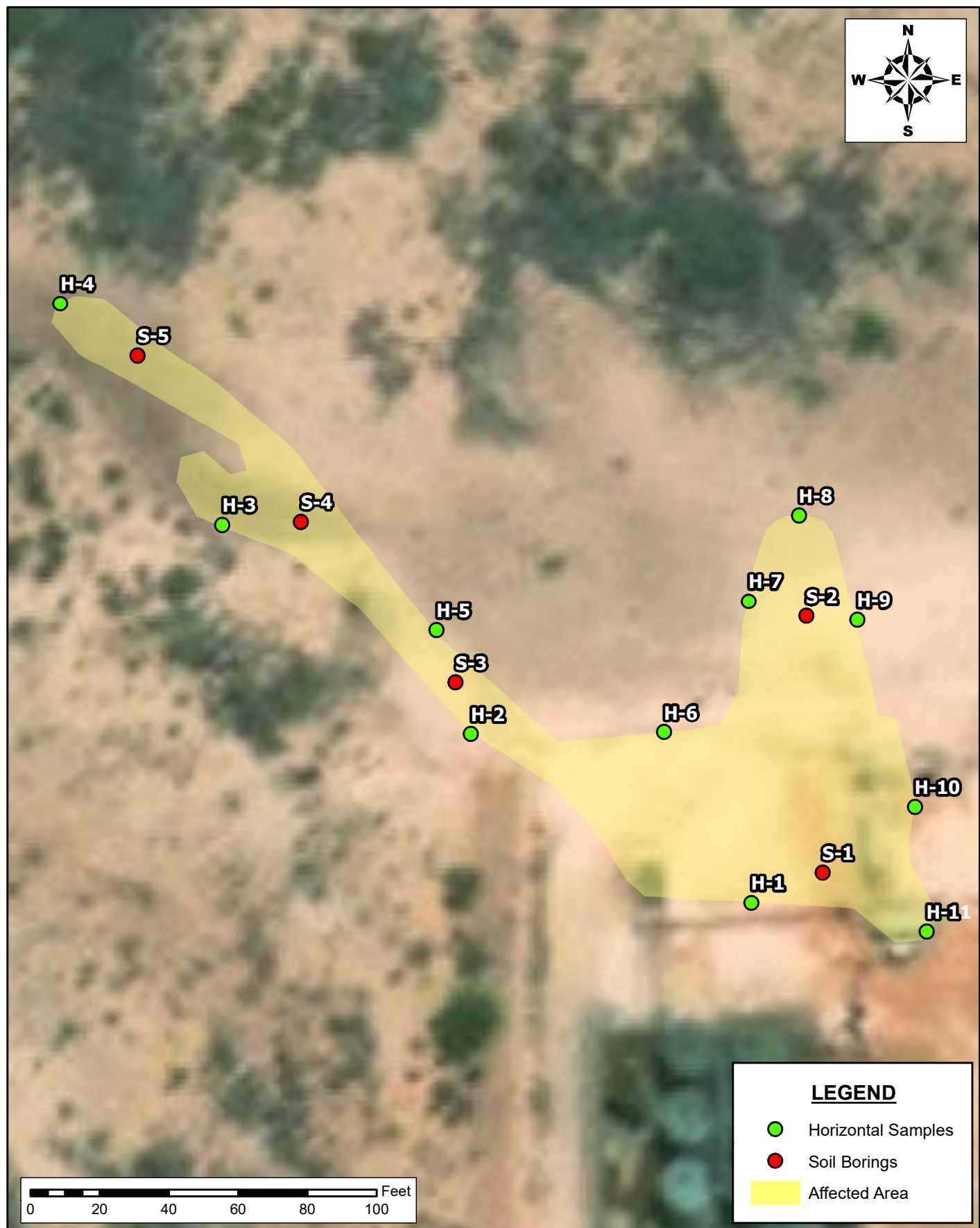
SCALE: As Shown Date: 9/1/2022 PROJECT #: 226005


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

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

DRAWING NUMBER:
FIGURE 2
 SHEET NUMBER:
1 of 1

Document Path: P:\2022 PROJECTS\DEVON\IRSCO\226005 - PREACHER 19 FEDERAL #003H\7 - Figures\GIS\Figure_3_SA.mxd



**SOIL DELINEATION MAP
CLOSURE REPORT**
 PREACHER 19 FEDERAL #003H
 DEVON ENERGY PRODUCTION COMPANY, LLC
 EDDY COUNTY, NEW MEXICO

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

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

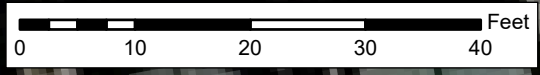
DRAWING NUMBER:
FIGURE 3
 SHEET NUMBER:
1 of 1

SCALE: As Shown Date: 9/1/2022 PROJECT #: 226005



LEGEND

- Sidewall Sample Points
- Confirmation Sample Points
- 3 ft Excavation
- 4ft Excavation



Document Path: P:\2022 PROJECTS\DEVON\IRSC\226005 - PREACHER 19 FEDERAL #003HY7 - Figures\GIS\Figure_4_SA_DH.mxd

**SAMPLE CONFIRMATION MAP
SITE ASSESSMENT REPORT**
 PREACHER 19 FEDERAL #003H
 DEVON ENERGY PRODUCTION COMPANY, LLC
 EDDY COUNTY, NEW MEXICO



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

NOTES:

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

DRAWING NUMBER:

FIGURE 4

SHEET NUMBER:

1 of 1

SCALE: As Shown Date: 1/19/2023 PROJECT #: 226005

PHOTOGRAPHIC LOG

PHOTOGRAPHIC LOG

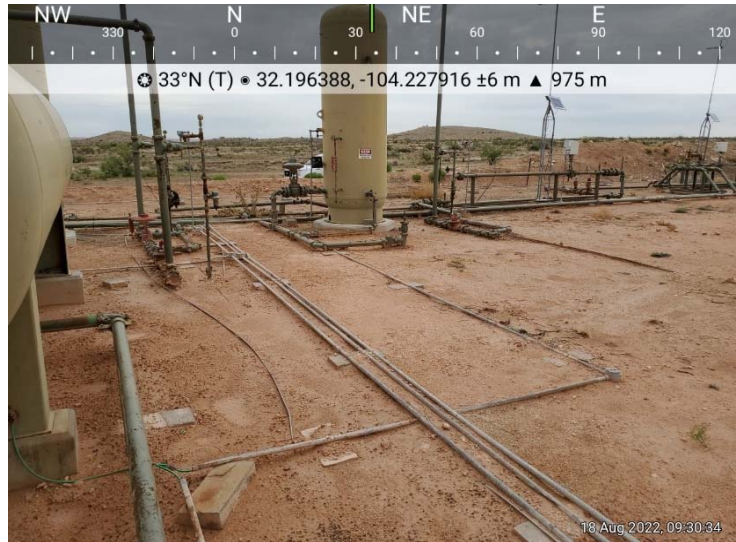
Devon Energy Production Company

Photograph No. 1

Facility: Preacher 19 Federal #003H

County: Eddy County, New Mexico

Description:
Area of concern.

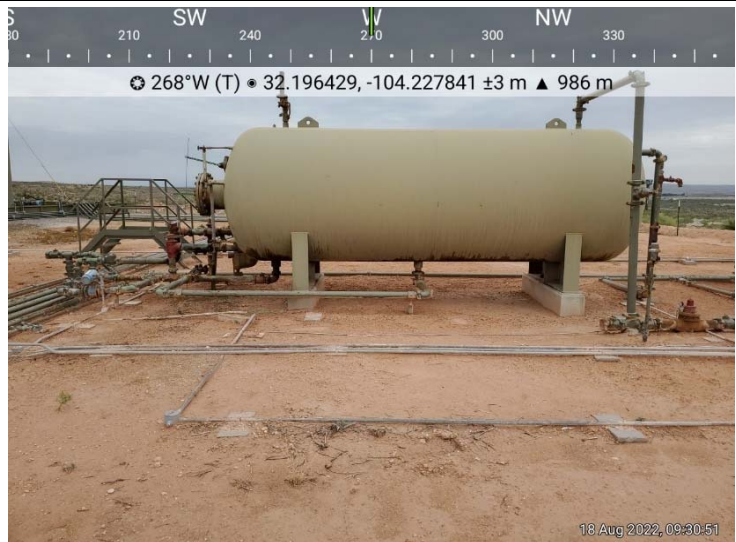


Photograph No. 2

Facility: Preacher 19 Federal #003H

County: Eddy County, New Mexico

Description:
Area of concern.

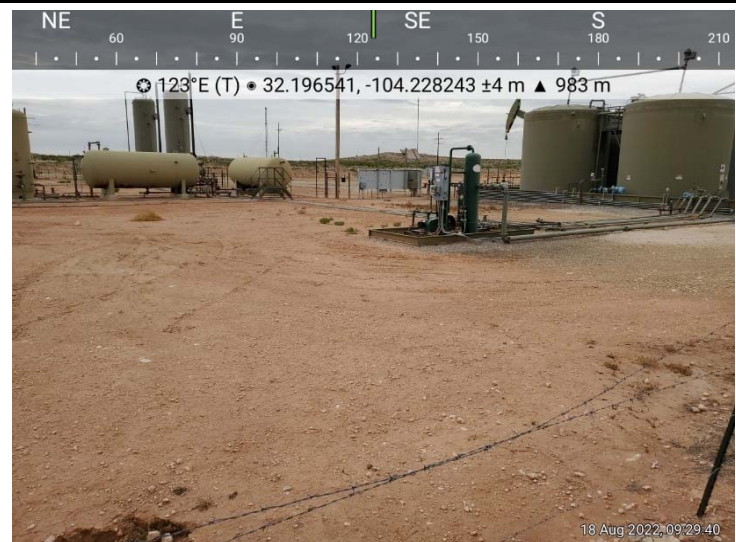


Photograph No. 3

Facility: Preacher 19 Federal #003H

County: Eddy County, New Mexico

Description:
Area of concern.



PHOTOGRAPHIC LOG

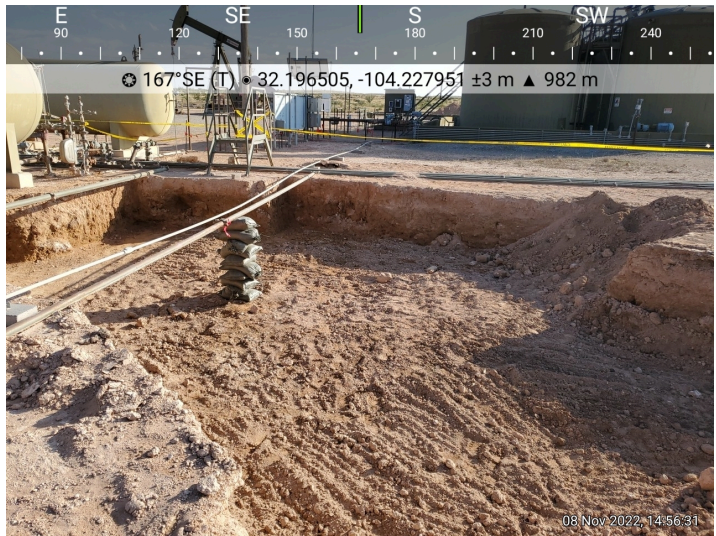
Devon Energy Production Company

Photograph No. 4

Facility: Preacher 19 Federal #003H

County: Eddy County, New Mexico

Description:
View of excavation.

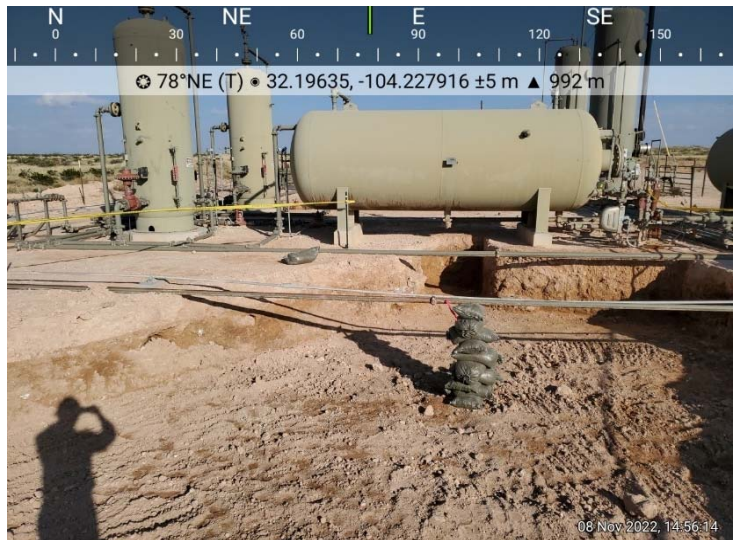


Photograph No. 5

Facility: Preacher 19 Federal #003H

County: Eddy County, New Mexico

Description:
View of excavation.



Photograph No. 6

Facility: Preacher 19 Federal #003H

County: Eddy County, New Mexico

Description:
View of excavation.



PHOTOGRAPHIC LOG

Devon Energy Production Company

Photograph No. 7

Facility: Preacher 19 Federal #003H

County: Eddy County, New Mexico

Description:
View of excavation.



Photograph No. 8

Facility: Preacher 19 Federal #003H

County: Eddy County, New Mexico

Description:
View of excavation.



Photograph No. 9

Facility: Preacher 19 Federal #003H

County: Eddy County, New Mexico

Description:
View of excavation.



LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS



Environment Testing
America

ANALYTICAL REPORT

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

Laboratory Job ID: 890-2781-1
Laboratory Sample Delivery Group: 226005
Client Project/Site: Preacher 19 Federal #003H

For:
NT Global
701 Tradewinds Blvd
Midland, Texas 79706

Attn: Ethan Sessums

Authorized for release by:
9/1/2022 12:08:34 PM

Jessica Kramer, Project Manager
(432)704-5440
Jessica.Kramer@et.eurofinsus.com

LINKS

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results through



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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.

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Client: NT Global
Project/Site: Preacher 19 Federal #003H

Laboratory Job ID: 890-2781-1
SDG: 226005

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Definitions/Glossary

Client: NT Global
Project/Site: Preacher 19 Federal #003H

Job ID: 890-2781-1
SDG: 226005

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: NT Global
Project/Site: Preacher 19 Federal #003H

Job ID: 890-2781-1
SDG: 226005

Job ID: 890-2781-1**Laboratory: Eurofins Carlsbad****Narrative****Job Narrative
890-2781-1****Receipt**

The samples were received on 8/18/2022 2:05 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: Surrogate recovery for the following sample was outside control limits: (LCSD 880-33321/2-A). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following samples were outside control limits: (890-2781-A-1-G MS) and (890-2781-A-1-H MSD). 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: H-1 (890-2781-1), H-2 (890-2781-2), H-3 (890-2781-3), H-4 (890-2781-4), H-5 (890-2781-5), H-6 (890-2781-6), H-7 (890-2781-7), H-8 (890-2781-8), H-9 (890-2781-9) and H-10 (890-2781-10). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: S-1 (3-3.5) (890-2781-11), S-1 (4-4.5) (890-2781-12), S-2 (0-1) (890-2781-13), S-2 (1-1.5) (890-2781-14), S-3 (0-1) (890-2781-16) and H-11 (890-2781-20). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-33321 and analytical batch 880-33339 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.

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (890-2789-A-1-E), (890-2789-A-1-F MS) and (890-2789-A-1-G MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: S-4 (1-1.5) (890-2781-19) and H-11 (890-2781-20). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-32608 and analytical batch 880-32586 was outside the upper control limits.

Method 8015MOD_NM: The matrix spike duplicate (MSD) recoveries for preparation batch 880-32608 and analytical batch 880-32586 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: H-1 (890-2781-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-32606 and analytical batch 880-32588 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8015MOD_NM: The matrix spike duplicate (MSD) recoveries for preparation batch 880-32668 and analytical batch 880-32588 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Case Narrative

Client: NT Global
Project/Site: Preacher 19 Federal #003H

Job ID: 890-2781-1
SDG: 226005

Job ID: 890-2781-1 (Continued)

Laboratory: Eurofins Carlsbad (Continued)

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

HPLC/IC

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

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Client Sample Results

Client: NT Global
 Project/Site: Preacher 19 Federal #003H

Job ID: 890-2781-1
 SDG: 226005

Client Sample ID: H-1

Lab Sample ID: 890-2781-1

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 14:05

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U F1	0.00201		mg/Kg		08/30/22 09:35	08/30/22 17:07	1
Toluene	<0.00201	U F1	0.00201		mg/Kg		08/30/22 09:35	08/30/22 17:07	1
Ethylbenzene	<0.00201	U F1	0.00201		mg/Kg		08/30/22 09:35	08/30/22 17:07	1
m-Xylene & p-Xylene	<0.00402	U F1	0.00402		mg/Kg		08/30/22 09:35	08/30/22 17:07	1
o-Xylene	<0.00201	U F1	0.00201		mg/Kg		08/30/22 09:35	08/30/22 17:07	1
Xylenes, Total	<0.00402	U F1	0.00402		mg/Kg		08/30/22 09:35	08/30/22 17:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	153	S1+	70 - 130	08/30/22 09:35	08/30/22 17:07	1
1,4-Difluorobenzene (Surr)	88		70 - 130	08/30/22 09:35	08/30/22 17:07	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/31/22 11:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/23/22 11:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	49.9		mg/Kg		08/22/22 13:39	08/22/22 22:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/22/22 13:39	08/22/22 22:36	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/22/22 13:39	08/22/22 22:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	132	S1+	70 - 130	08/22/22 13:39	08/22/22 22:36	1
o-Terphenyl	119		70 - 130	08/22/22 13:39	08/22/22 22:36	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	215		5.03		mg/Kg			08/28/22 22:10	1

Client Sample ID: H-2

Lab Sample ID: 890-2781-2

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 14:05

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		08/30/22 09:35	08/30/22 17:32	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/30/22 09:35	08/30/22 17:32	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/30/22 09:35	08/30/22 17:32	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/30/22 09:35	08/30/22 17:32	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/30/22 09:35	08/30/22 17:32	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/30/22 09:35	08/30/22 17:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	142	S1+	70 - 130	08/30/22 09:35	08/30/22 17:32	1
1,4-Difluorobenzene (Surr)	98		70 - 130	08/30/22 09:35	08/30/22 17:32	1

Eurofins Carlsbad

Client Sample Results

Client: NT Global
 Project/Site: Preacher 19 Federal #003H

Job ID: 890-2781-1
 SDG: 226005

Client Sample ID: H-2

Lab Sample ID: 890-2781-2

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 14:05

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			08/31/22 11:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/23/22 11:36	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		08/22/22 13:39	08/22/22 23:41	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/22/22 13:39	08/22/22 23:41	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/22/22 13:39	08/22/22 23:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				08/22/22 13:39	08/22/22 23:41	1
o-Terphenyl	94		70 - 130				08/22/22 13:39	08/22/22 23:41	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.2		5.05		mg/Kg			08/28/22 22:34	1

Client Sample ID: H-3

Lab Sample ID: 890-2781-3

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 14:05

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		08/30/22 09:35	08/30/22 17:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/30/22 09:35	08/30/22 17:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/30/22 09:35	08/30/22 17:58	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/30/22 09:35	08/30/22 17:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/30/22 09:35	08/30/22 17:58	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/30/22 09:35	08/30/22 17:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	155	S1+	70 - 130				08/30/22 09:35	08/30/22 17:58	1
1,4-Difluorobenzene (Surr)	106		70 - 130				08/30/22 09:35	08/30/22 17:58	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/31/22 11:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/23/22 11:36	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		08/22/22 13:39	08/23/22 00:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/22/22 13:39	08/23/22 00:03	1

Eurofins Carlsbad

Client Sample Results

Client: NT Global
 Project/Site: Preacher 19 Federal #003H

Job ID: 890-2781-1
 SDG: 226005

Client Sample ID: H-3

Lab Sample ID: 890-2781-3

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 14:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/22/22 13:39	08/23/22 00:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130				08/22/22 13:39	08/23/22 00:03	1
o-Terphenyl	104		70 - 130				08/22/22 13:39	08/23/22 00:03	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.0		5.02		mg/Kg			08/28/22 22:42	1

Client Sample ID: H-4

Lab Sample ID: 890-2781-4

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 14:05

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		08/30/22 09:35	08/30/22 18:23	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/30/22 09:35	08/30/22 18:23	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/30/22 09:35	08/30/22 18:23	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		08/30/22 09:35	08/30/22 18:23	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/30/22 09:35	08/30/22 18:23	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/30/22 09:35	08/30/22 18:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	145	S1+	70 - 130				08/30/22 09:35	08/30/22 18:23	1
1,4-Difluorobenzene (Surr)	100		70 - 130				08/30/22 09:35	08/30/22 18:23	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			08/31/22 11:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/23/22 11:36	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		08/22/22 13:39	08/23/22 00:24	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/22/22 13:39	08/23/22 00:24	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/22/22 13:39	08/23/22 00:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				08/22/22 13:39	08/23/22 00:24	1
o-Terphenyl	97		70 - 130				08/22/22 13:39	08/23/22 00:24	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	26.5		4.98		mg/Kg			08/28/22 22:49	1

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Client Sample Results

Client: NT Global
Project/Site: Preacher 19 Federal #003H

Job ID: 890-2781-1
SDG: 226005

Client Sample ID: H-5

Lab Sample ID: 890-2781-5

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 14:05

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		08/30/22 09:35	08/30/22 18:49	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/30/22 09:35	08/30/22 18:49	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/30/22 09:35	08/30/22 18:49	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/30/22 09:35	08/30/22 18:49	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/30/22 09:35	08/30/22 18:49	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/30/22 09:35	08/30/22 18:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	147	S1+	70 - 130	08/30/22 09:35	08/30/22 18:49	1
1,4-Difluorobenzene (Surr)	105		70 - 130	08/30/22 09:35	08/30/22 18:49	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/31/22 11:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/23/22 11:36	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		08/22/22 13:39	08/23/22 00:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/22/22 13:39	08/23/22 00:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/22/22 13:39	08/23/22 00:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130	08/22/22 13:39	08/23/22 00:45	1
o-Terphenyl	98		70 - 130	08/22/22 13:39	08/23/22 00:45	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.1		4.97		mg/Kg			08/28/22 22:57	1

Client Sample ID: H-6

Lab Sample ID: 890-2781-6

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 14:05

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		08/30/22 09:35	08/30/22 19:15	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/30/22 09:35	08/30/22 19:15	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/30/22 09:35	08/30/22 19:15	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/30/22 09:35	08/30/22 19:15	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/30/22 09:35	08/30/22 19:15	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/30/22 09:35	08/30/22 19:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	165	S1+	70 - 130	08/30/22 09:35	08/30/22 19:15	1
1,4-Difluorobenzene (Surr)	104		70 - 130	08/30/22 09:35	08/30/22 19:15	1

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Client Sample Results

Client: NT Global
 Project/Site: Preacher 19 Federal #003H

Job ID: 890-2781-1
 SDG: 226005

Client Sample ID: H-6

Lab Sample ID: 890-2781-6

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 14:05

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/31/22 11:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/23/22 11:36	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		08/22/22 13:39	08/23/22 01:06	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/22/22 13:39	08/23/22 01:06	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/22/22 13:39	08/23/22 01:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				08/22/22 13:39	08/23/22 01:06	1
o-Terphenyl	98		70 - 130				08/22/22 13:39	08/23/22 01:06	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.97		5.00		mg/Kg			08/28/22 23:21	1

Client Sample ID: H-7

Lab Sample ID: 890-2781-7

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 14:05

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		08/30/22 09:35	08/30/22 19:41	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/30/22 09:35	08/30/22 19:41	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/30/22 09:35	08/30/22 19:41	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		08/30/22 09:35	08/30/22 19:41	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/30/22 09:35	08/30/22 19:41	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		08/30/22 09:35	08/30/22 19:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	143	S1+	70 - 130				08/30/22 09:35	08/30/22 19:41	1
1,4-Difluorobenzene (Surr)	102		70 - 130				08/30/22 09:35	08/30/22 19:41	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			08/31/22 11:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/23/22 11:36	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		08/22/22 13:39	08/23/22 01:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/22/22 13:39	08/23/22 01:27	1

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Client Sample Results

Client: NT Global
 Project/Site: Preacher 19 Federal #003H

Job ID: 890-2781-1
 SDG: 226005

Client Sample ID: H-7

Lab Sample ID: 890-2781-7

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 14:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/22/22 13:39	08/23/22 01:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				08/22/22 13:39	08/23/22 01:27	1
o-Terphenyl	104		70 - 130				08/22/22 13:39	08/23/22 01:27	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.6		5.00		mg/Kg			08/28/22 23:29	1

Client Sample ID: H-8

Lab Sample ID: 890-2781-8

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 14:05

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		08/30/22 09:35	08/30/22 20:06	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/30/22 09:35	08/30/22 20:06	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/30/22 09:35	08/30/22 20:06	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		08/30/22 09:35	08/30/22 20:06	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/30/22 09:35	08/30/22 20:06	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		08/30/22 09:35	08/30/22 20:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	155	S1+	70 - 130				08/30/22 09:35	08/30/22 20:06	1
1,4-Difluorobenzene (Surr)	103		70 - 130				08/30/22 09:35	08/30/22 20:06	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			08/31/22 11:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/23/22 11:36	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		08/22/22 13:39	08/23/22 01:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/22/22 13:39	08/23/22 01:49	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/22/22 13:39	08/23/22 01:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130				08/22/22 13:39	08/23/22 01:49	1
o-Terphenyl	105		70 - 130				08/22/22 13:39	08/23/22 01:49	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23.8		5.00		mg/Kg			08/28/22 23:37	1

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Client Sample Results

Client: NT Global
 Project/Site: Preacher 19 Federal #003H

Job ID: 890-2781-1
 SDG: 226005

Client Sample ID: H-9

Lab Sample ID: 890-2781-9

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 14:05

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		08/30/22 09:35	08/30/22 20:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/30/22 09:35	08/30/22 20:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/30/22 09:35	08/30/22 20:32	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/30/22 09:35	08/30/22 20:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/30/22 09:35	08/30/22 20:32	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/30/22 09:35	08/30/22 20:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130	08/30/22 09:35	08/30/22 20:32	1
1,4-Difluorobenzene (Surr)	99		70 - 130	08/30/22 09:35	08/30/22 20:32	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/31/22 11:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/23/22 11:36	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		08/22/22 13:39	08/23/22 02:10	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/22/22 13:39	08/23/22 02:10	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/22/22 13:39	08/23/22 02:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130	08/22/22 13:39	08/23/22 02:10	1
o-Terphenyl	103		70 - 130	08/22/22 13:39	08/23/22 02:10	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23.9		5.01		mg/Kg			08/28/22 23:44	1

Client Sample ID: H-10

Lab Sample ID: 890-2781-10

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 14:05

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		08/30/22 09:35	08/30/22 20:58	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/30/22 09:35	08/30/22 20:58	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/30/22 09:35	08/30/22 20:58	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/30/22 09:35	08/30/22 20:58	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/30/22 09:35	08/30/22 20:58	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/30/22 09:35	08/30/22 20:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	148	S1+	70 - 130	08/30/22 09:35	08/30/22 20:58	1
1,4-Difluorobenzene (Surr)	102		70 - 130	08/30/22 09:35	08/30/22 20:58	1

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Client Sample Results

Client: NT Global
 Project/Site: Preacher 19 Federal #003H

Job ID: 890-2781-1
 SDG: 226005

Client Sample ID: H-10

Lab Sample ID: 890-2781-10

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 14:05

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/31/22 11:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/23/22 11:36	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		08/22/22 13:39	08/23/22 02:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/22/22 13:39	08/23/22 02:31	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/22/22 13:39	08/23/22 02:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130	08/22/22 13:39	08/23/22 02:31	1
o-Terphenyl	100		70 - 130	08/22/22 13:39	08/23/22 02:31	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	33.9		4.99		mg/Kg			08/28/22 23:52	1

Client Sample ID: S-1 (3-3.5)

Lab Sample ID: 890-2781-11

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 14:05

Sample Depth: 3 - 3.5

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		08/30/22 09:35	08/30/22 22:41	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/30/22 09:35	08/30/22 22:41	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/30/22 09:35	08/30/22 22:41	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/30/22 09:35	08/30/22 22:41	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/30/22 09:35	08/30/22 22:41	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/30/22 09:35	08/30/22 22:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	146	S1+	70 - 130	08/30/22 09:35	08/30/22 22:41	1
1,4-Difluorobenzene (Surr)	90		70 - 130	08/30/22 09:35	08/30/22 22:41	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/31/22 11:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/23/22 11:36	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		08/22/22 13:39	08/23/22 03:14	1

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Client Sample Results

Client: NT Global
 Project/Site: Preacher 19 Federal #003H

Job ID: 890-2781-1
 SDG: 226005

Client Sample ID: S-1 (3-3.5)

Lab Sample ID: 890-2781-11

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 14:05

Sample Depth: 3 - 3.5

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		08/22/22 13:39	08/23/22 03:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/22/22 13:39	08/23/22 03:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				08/22/22 13:39	08/23/22 03:14	1
o-Terphenyl	98		70 - 130				08/22/22 13:39	08/23/22 03:14	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	118		4.96		mg/Kg			08/29/22 00:00	1

Client Sample ID: S-1 (4-4.5)

Lab Sample ID: 890-2781-12

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 14:05

Sample Depth: 4 - 4.5

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		08/30/22 09:35	08/30/22 23:06	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/30/22 09:35	08/30/22 23:06	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/30/22 09:35	08/30/22 23:06	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/30/22 09:35	08/30/22 23:06	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/30/22 09:35	08/30/22 23:06	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/30/22 09:35	08/30/22 23:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	148	S1+	70 - 130				08/30/22 09:35	08/30/22 23:06	1
1,4-Difluorobenzene (Surr)	103		70 - 130				08/30/22 09:35	08/30/22 23:06	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/31/22 11:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/23/22 11:36	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		08/22/22 13:39	08/23/22 03:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/22/22 13:39	08/23/22 03:35	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/22/22 13:39	08/23/22 03:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				08/22/22 13:39	08/23/22 03:35	1
o-Terphenyl	100		70 - 130				08/22/22 13:39	08/23/22 03:35	1

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Client Sample Results

Client: NT Global
 Project/Site: Preacher 19 Federal #003H

Job ID: 890-2781-1
 SDG: 226005

Client Sample ID: S-1 (4-4.5)

Lab Sample ID: 890-2781-12

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 14:05

Sample Depth: 4 - 4.5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	66.3		4.98		mg/Kg			08/29/22 00:24	1

Client Sample ID: S-2 (0-1)

Lab Sample ID: 890-2781-13

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 14:05

Sample Depth: 0 - 1

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		08/30/22 09:35	08/30/22 23:32	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/30/22 09:35	08/30/22 23:32	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/30/22 09:35	08/30/22 23:32	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/30/22 09:35	08/30/22 23:32	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/30/22 09:35	08/30/22 23:32	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/30/22 09:35	08/30/22 23:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	153	S1+	70 - 130				08/30/22 09:35	08/30/22 23:32	1
1,4-Difluorobenzene (Surr)	107		70 - 130				08/30/22 09:35	08/30/22 23:32	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/31/22 11:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/23/22 11:36	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		08/22/22 13:39	08/23/22 03:56	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/22/22 13:39	08/23/22 03:56	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/22/22 13:39	08/23/22 03:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	120		70 - 130				08/22/22 13:39	08/23/22 03:56	1
o-Terphenyl	107		70 - 130				08/22/22 13:39	08/23/22 03:56	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	45.0		5.00		mg/Kg			08/29/22 00:32	1

Client Sample Results

Client: NT Global
 Project/Site: Preacher 19 Federal #003H

Job ID: 890-2781-1
 SDG: 226005

Client Sample ID: S-2 (1-1.5)

Lab Sample ID: 890-2781-14

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 14:05

Sample Depth: 1 - 1.5

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		08/30/22 09:35	08/30/22 23:58	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/30/22 09:35	08/30/22 23:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/30/22 09:35	08/30/22 23:58	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/30/22 09:35	08/30/22 23:58	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/30/22 09:35	08/30/22 23:58	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/30/22 09:35	08/30/22 23:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	151	S1+	70 - 130	08/30/22 09:35	08/30/22 23:58	1
1,4-Difluorobenzene (Surr)	107		70 - 130	08/30/22 09:35	08/30/22 23:58	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/31/22 11:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/23/22 11:36	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		08/22/22 13:39	08/23/22 04:17	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/22/22 13:39	08/23/22 04:17	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/22/22 13:39	08/23/22 04:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130	08/22/22 13:39	08/23/22 04:17	1
o-Terphenyl	98		70 - 130	08/22/22 13:39	08/23/22 04:17	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	130		5.03		mg/Kg			08/29/22 00:56	1

Client Sample ID: S-3 (0-1)

Lab Sample ID: 890-2781-16

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 14:05

Sample Depth: 0 - 1

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		08/30/22 09:35	08/31/22 00:24	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/30/22 09:35	08/31/22 00:24	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/30/22 09:35	08/31/22 00:24	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/30/22 09:35	08/31/22 00:24	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/30/22 09:35	08/31/22 00:24	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/30/22 09:35	08/31/22 00:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	156	S1+	70 - 130	08/30/22 09:35	08/31/22 00:24	1

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Client Sample Results

Client: NT Global
 Project/Site: Preacher 19 Federal #003H

Job ID: 890-2781-1
 SDG: 226005

Client Sample ID: S-3 (0-1)

Lab Sample ID: 890-2781-16

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 14:05

Sample Depth: 0 - 1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	102		70 - 130	08/30/22 09:35	08/31/22 00:24	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/31/22 11:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/23/22 11:36	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		08/22/22 13:39	08/23/22 04:38	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/22/22 13:39	08/23/22 04:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/22/22 13:39	08/23/22 04:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130	08/22/22 13:39	08/23/22 04:38	1
o-Terphenyl	97		70 - 130	08/22/22 13:39	08/23/22 04:38	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.9		5.04		mg/Kg			08/29/22 01:11	1

Client Sample ID: S-3 (1-1.5)

Lab Sample ID: 890-2781-17

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/18/22 14:05

Sample Depth: 1 - 1.5

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		08/30/22 11:43	08/31/22 23:58	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/30/22 11:43	08/31/22 23:58	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/30/22 11:43	08/31/22 23:58	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/30/22 11:43	08/31/22 23:58	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/30/22 11:43	08/31/22 23:58	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/30/22 11:43	08/31/22 23:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	08/30/22 11:43	08/31/22 23:58	1
1,4-Difluorobenzene (Surr)	100		70 - 130	08/30/22 11:43	08/31/22 23:58	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/31/22 11:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/23/22 11:36	1

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Client Sample Results

Client: NT Global
 Project/Site: Preacher 19 Federal #003H

Job ID: 890-2781-1
 SDG: 226005

Client Sample ID: S-3 (1-1.5)

Lab Sample ID: 890-2781-17

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/18/22 14:05

Sample Depth: 1 - 1.5

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		08/22/22 09:29	08/22/22 20:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/22/22 09:29	08/22/22 20:26	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/22/22 09:29	08/22/22 20:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				08/22/22 09:29	08/22/22 20:26	1
o-Terphenyl	95		70 - 130				08/22/22 09:29	08/22/22 20:26	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	74.4		5.04		mg/Kg			08/29/22 01:19	1

Client Sample ID: S-4 (0-1)

Lab Sample ID: 890-2781-18

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/18/22 14:05

Sample Depth: 0 - 1

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		08/30/22 11:43	09/01/22 02:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/30/22 11:43	09/01/22 02:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/30/22 11:43	09/01/22 02:03	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/30/22 11:43	09/01/22 02:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/30/22 11:43	09/01/22 02:03	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/30/22 11:43	09/01/22 02:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				08/30/22 11:43	09/01/22 02:03	1
1,4-Difluorobenzene (Surr)	85		70 - 130				08/30/22 11:43	09/01/22 02:03	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/31/22 11:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/23/22 11:36	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		08/22/22 09:29	08/22/22 20:47	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/22/22 09:29	08/22/22 20:47	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/22/22 09:29	08/22/22 20:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				08/22/22 09:29	08/22/22 20:47	1
o-Terphenyl	92		70 - 130				08/22/22 09:29	08/22/22 20:47	1

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Client Sample Results

Client: NT Global
 Project/Site: Preacher 19 Federal #003H

Job ID: 890-2781-1
 SDG: 226005

Client Sample ID: S-4 (0-1)

Lab Sample ID: 890-2781-18

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/18/22 14:05

Sample Depth: 0 - 1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	29.5		4.97		mg/Kg			08/29/22 01:27	1

Client Sample ID: S-4 (1-1.5)

Lab Sample ID: 890-2781-19

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/18/22 14:05

Sample Depth: 1 - 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		08/30/22 11:43	09/01/22 02:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/30/22 11:43	09/01/22 02:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/30/22 11:43	09/01/22 02:29	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/30/22 11:43	09/01/22 02:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/30/22 11:43	09/01/22 02:29	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/30/22 11:43	09/01/22 02:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				08/30/22 11:43	09/01/22 02:29	1
1,4-Difluorobenzene (Surr)	102		70 - 130				08/30/22 11:43	09/01/22 02:29	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			08/31/22 11:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/23/22 11:36	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		08/22/22 09:31	08/22/22 20:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/22/22 09:31	08/22/22 20:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/22/22 09:31	08/22/22 20:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	56	S1-	70 - 130				08/22/22 09:31	08/22/22 20:26	1
o-Terphenyl	65	S1-	70 - 130				08/22/22 09:31	08/22/22 20:26	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	185		4.95		mg/Kg			08/29/22 01:35	1

Client Sample ID: H-11

Lab Sample ID: 890-2781-20

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 14:05

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		08/30/22 09:35	08/31/22 00:49	1

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Client Sample Results

Client: NT Global
 Project/Site: Preacher 19 Federal #003H

Job ID: 890-2781-1
 SDG: 226005

Client Sample ID: H-11

Lab Sample ID: 890-2781-20

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 14:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00202	U	0.00202		mg/Kg		08/30/22 09:35	08/31/22 00:49	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/30/22 09:35	08/31/22 00:49	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		08/30/22 09:35	08/31/22 00:49	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/30/22 09:35	08/31/22 00:49	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		08/30/22 09:35	08/31/22 00:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	151	S1+	70 - 130	08/30/22 09:35	08/31/22 00:49	1
1,4-Difluorobenzene (Surr)	102		70 - 130	08/30/22 09:35	08/31/22 00:49	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			08/31/22 11:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/23/22 11:36	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		08/22/22 09:31	08/22/22 20:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/22/22 09:31	08/22/22 20:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/22/22 09:31	08/22/22 20:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	47	S1-	70 - 130	08/22/22 09:31	08/22/22 20:47	1
o-Terphenyl	56	S1-	70 - 130	08/22/22 09:31	08/22/22 20:47	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11600		100		mg/Kg			08/29/22 01:43	20

Surrogate Summary

Client: NT Global
Project/Site: Preacher 19 Federal #003H

Job ID: 890-2781-1
SDG: 226005

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-18581-A-21-E MS	Matrix Spike	101	104
880-18581-A-21-F MSD	Matrix Spike Duplicate	110	108
890-2781-1	H-1	153 S1+	88
890-2781-1 MS	H-1	145 S1+	107
890-2781-1 MSD	H-1	150 S1+	100
890-2781-2	H-2	142 S1+	98
890-2781-3	H-3	155 S1+	106
890-2781-4	H-4	145 S1+	100
890-2781-5	H-5	147 S1+	105
890-2781-6	H-6	165 S1+	104
890-2781-7	H-7	143 S1+	102
890-2781-8	H-8	155 S1+	103
890-2781-9	H-9	144 S1+	99
890-2781-10	H-10	148 S1+	102
890-2781-11	S-1 (3-3.5)	146 S1+	90
890-2781-12	S-1 (4-4.5)	148 S1+	103
890-2781-13	S-2 (0-1)	153 S1+	107
890-2781-14	S-2 (1-1.5)	151 S1+	107
890-2781-16	S-3 (0-1)	156 S1+	102
890-2781-17	S-3 (1-1.5)	110	100
890-2781-18	S-4 (0-1)	118	85
890-2781-19	S-4 (1-1.5)	112	102
890-2781-20	H-11	151 S1+	102
LCS 880-33321/1-A	Lab Control Sample	112	96
LCS 880-33353/1-A	Lab Control Sample	107	106
LCS 880-33321/2-A	Lab Control Sample Dup	142 S1+	105
LCS 880-33353/2-A	Lab Control Sample Dup	101	101
MB 880-33321/5-A	Method Blank	99	80
MB 880-33353/5-A	Method Blank	74	82

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-18312-A-12-E MS	Matrix Spike	92	83
880-18312-A-12-F MSD	Matrix Spike Duplicate	90	82
890-2781-1	H-1	132 S1+	119
890-2781-1 MS	H-1	117	90
890-2781-1 MSD	H-1	87	76
890-2781-2	H-2	104	94
890-2781-3	H-3	115	104
890-2781-4	H-4	108	97
890-2781-5	H-5	109	98
890-2781-6	H-6	110	98

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Surrogate Summary

Client: NT Global
 Project/Site: Preacher 19 Federal #003H

Job ID: 890-2781-1
 SDG: 226005

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
890-2781-7	H-7	110	104
890-2781-8	H-8	117	105
890-2781-9	H-9	115	103
890-2781-10	H-10	109	100
890-2781-11	S-1 (3-3.5)	108	98
890-2781-12	S-1 (4-4.5)	110	100
890-2781-13	S-2 (0-1)	120	107
890-2781-14	S-2 (1-1.5)	109	98
890-2781-16	S-3 (0-1)	106	97
890-2781-17	S-3 (1-1.5)	104	95
890-2781-18	S-4 (0-1)	105	92
890-2781-19	S-4 (1-1.5)	56 S1-	65 S1-
890-2781-20	H-11	47 S1-	56 S1-
890-2789-A-1-F MS	Matrix Spike	72	67 S1-
890-2789-A-1-G MSD	Matrix Spike Duplicate	62 S1-	58 S1-
LCS 880-32606/2-A	Lab Control Sample	92	82
LCS 880-32608/2-A	Lab Control Sample	72	74
LCS 880-32668/2-A	Lab Control Sample	98	91
LCSD 880-32606/3-A	Lab Control Sample Dup	109	107
LCSD 880-32608/3-A	Lab Control Sample Dup	86	91
LCSD 880-32668/3-A	Lab Control Sample Dup	92	91
MB 880-32606/1-A	Method Blank	104	101
MB 880-32608/1-A	Method Blank	63 S1-	68 S1-
MB 880-32668/1-A	Method Blank	101	96

Surrogate Legend

1CO = 1-Chlorooctane
 OTPH = o-Terphenyl

QC Sample Results

Client: NT Global
 Project/Site: Preacher 19 Federal #003H

Job ID: 890-2781-1
 SDG: 226005

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-33321/5-A
 Matrix: Solid
 Analysis Batch: 33339

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 33321

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/30/22 09:35	08/30/22 16:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/30/22 09:35	08/30/22 16:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/30/22 09:35	08/30/22 16:41	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/30/22 09:35	08/30/22 16:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/30/22 09:35	08/30/22 16:41	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/30/22 09:35	08/30/22 16:41	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	08/30/22 09:35	08/30/22 16:41	1
1,4-Difluorobenzene (Surr)	80		70 - 130	08/30/22 09:35	08/30/22 16:41	1

Lab Sample ID: LCS 880-33321/1-A
 Matrix: Solid
 Analysis Batch: 33339

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 33321

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1010		mg/Kg		101	70 - 130
Toluene	0.100	0.1112		mg/Kg		111	70 - 130
Ethylbenzene	0.100	0.1124		mg/Kg		112	70 - 130
m-Xylene & p-Xylene	0.200	0.2285		mg/Kg		114	70 - 130
o-Xylene	0.100	0.1224		mg/Kg		122	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: LCSD 880-33321/2-A
 Matrix: Solid
 Analysis Batch: 33339

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 33321

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.1030		mg/Kg		103	70 - 130	2	35
Toluene	0.100	0.1091		mg/Kg		109	70 - 130	2	35
Ethylbenzene	0.100	0.1054		mg/Kg		105	70 - 130	6	35
m-Xylene & p-Xylene	0.200	0.2167		mg/Kg		108	70 - 130	5	35
o-Xylene	0.100	0.1185		mg/Kg		119	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	142	S1+	70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: 890-2781-1 MS
 Matrix: Solid
 Analysis Batch: 33339

Client Sample ID: H-1
 Prep Type: Total/NA
 Prep Batch: 33321

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U F1	0.100	0.1314	F1	mg/Kg		131	70 - 130
Toluene	<0.00201	U F1	0.100	0.1414	F1	mg/Kg		141	70 - 130

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QC Sample Results

Client: NT Global
 Project/Site: Preacher 19 Federal #003H

Job ID: 890-2781-1
 SDG: 226005

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

Lab Sample ID: 890-2781-1 MS

Matrix: Solid

Analysis Batch: 33339

Client Sample ID: H-1

Prep Type: Total/NA

Prep Batch: 33321

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec
	Result	Qualifier		Result	Qualifier				
Ethylbenzene	<0.00201	U F1	0.100	0.1380	F1	mg/Kg		138	70 - 130
m-Xylene & p-Xylene	<0.00402	U F1	0.200	0.2880	F1	mg/Kg		144	70 - 130
o-Xylene	<0.00201	U F1	0.100	0.1569	F1	mg/Kg		157	70 - 130

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	145	S1+	70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: 890-2781-1 MSD

Matrix: Solid

Analysis Batch: 33339

Client Sample ID: H-1

Prep Type: Total/NA

Prep Batch: 33321

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier		Result	Qualifier						
Benzene	<0.00201	U F1	0.0994	0.1110		mg/Kg		112	70 - 130	17	35
Toluene	<0.00201	U F1	0.0994	0.1191		mg/Kg		120	70 - 130	17	35
Ethylbenzene	<0.00201	U F1	0.0994	0.1184		mg/Kg		119	70 - 130	15	35
m-Xylene & p-Xylene	<0.00402	U F1	0.199	0.2433		mg/Kg		122	70 - 130	17	35
o-Xylene	<0.00201	U F1	0.0994	0.1340	F1	mg/Kg		135	70 - 130	16	35

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	150	S1+	70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: MB 880-33353/5-A

Matrix: Solid

Analysis Batch: 33469

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 33353

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		08/30/22 11:43	08/31/22 20:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/30/22 11:43	08/31/22 20:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/30/22 11:43	08/31/22 20:07	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/30/22 11:43	08/31/22 20:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/30/22 11:43	08/31/22 20:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/30/22 11:43	08/31/22 20:07	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	74		70 - 130	08/30/22 11:43	08/31/22 20:07	1
1,4-Difluorobenzene (Surr)	82		70 - 130	08/30/22 11:43	08/31/22 20:07	1

Lab Sample ID: LCS 880-33353/1-A

Matrix: Solid

Analysis Batch: 33469

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 33353

Analyte	Spike	Added	LCS	LCS	Unit	D	%Rec	%Rec
			Result	Qualifier				
Benzene	0.100	0.1114			mg/Kg		111	70 - 130
Toluene	0.100	0.1082			mg/Kg		108	70 - 130
Ethylbenzene	0.100	0.1049			mg/Kg		105	70 - 130
m-Xylene & p-Xylene	0.200	0.2121			mg/Kg		106	70 - 130

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QC Sample Results

Client: NT Global
 Project/Site: Preacher 19 Federal #003H

Job ID: 890-2781-1
 SDG: 226005

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

Lab Sample ID: LCS 880-33353/1-A
 Matrix: Solid
 Analysis Batch: 33469

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 33353

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.1197		mg/Kg		120	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: LCSD 880-33353/2-A
 Matrix: Solid
 Analysis Batch: 33469

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 33353

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.09634		mg/Kg		96	70 - 130	14	35
Toluene	0.100	0.09803		mg/Kg		98	70 - 130	10	35
Ethylbenzene	0.100	0.09504		mg/Kg		95	70 - 130	10	35
m-Xylene & p-Xylene	0.200	0.1926		mg/Kg		96	70 - 130	10	35
o-Xylene	0.100	0.1063		mg/Kg		106	70 - 130	12	35

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

Lab Sample ID: 880-18581-A-21-E MS
 Matrix: Solid
 Analysis Batch: 33469

Client Sample ID: Matrix Spike
 Prep Type: Total/NA
 Prep Batch: 33353

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U	0.101	0.1065		mg/Kg		105	70 - 130
Toluene	<0.00199	U	0.101	0.1017		mg/Kg		101	70 - 130
Ethylbenzene	<0.00199	U	0.101	0.09276		mg/Kg		92	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.202	0.1866		mg/Kg		92	70 - 130
o-Xylene	<0.00199	U	0.101	0.1040		mg/Kg		103	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: 880-18581-A-21-F MSD
 Matrix: Solid
 Analysis Batch: 33469

Client Sample ID: Matrix Spike Duplicate
 Prep Type: Total/NA
 Prep Batch: 33353

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00199	U	0.100	0.1162		mg/Kg		116	70 - 130	9	35
Toluene	<0.00199	U	0.100	0.1098		mg/Kg		110	70 - 130	8	35
Ethylbenzene	<0.00199	U	0.100	0.1011		mg/Kg		101	70 - 130	9	35
m-Xylene & p-Xylene	<0.00398	U	0.200	0.2022		mg/Kg		101	70 - 130	8	35
o-Xylene	<0.00199	U	0.100	0.1134		mg/Kg		113	70 - 130	9	35

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QC Sample Results

Client: NT Global
 Project/Site: Preacher 19 Federal #003H

Job ID: 890-2781-1
 SDG: 226005

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

Lab Sample ID: 880-18581-A-21-F MSD
 Matrix: Solid
 Analysis Batch: 33469

Client Sample ID: Matrix Spike Duplicate
 Prep Type: Total/NA
 Prep Batch: 33353

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

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

Lab Sample ID: MB 880-32606/1-A
 Matrix: Solid
 Analysis Batch: 32588

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 32606

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/22/22 09:29	08/22/22 11:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/22/22 09:29	08/22/22 11:08	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/22/22 09:29	08/22/22 11:08	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane	104		70 - 130	08/22/22 09:29	08/22/22 11:08	1
o-Terphenyl	101		70 - 130	08/22/22 09:29	08/22/22 11:08	1

Lab Sample ID: LCS 880-32606/2-A
 Matrix: Solid
 Analysis Batch: 32588

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 32606

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (Over C10-C28)	1000	891.9		mg/Kg		89	70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	92		70 - 130
o-Terphenyl	82		70 - 130

Lab Sample ID: LCSD 880-32606/3-A
 Matrix: Solid
 Analysis Batch: 32588

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 32606

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Diesel Range Organics (Over C10-C28)	1000	1035		mg/Kg		104	70 - 130	15	20

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	109		70 - 130
o-Terphenyl	107		70 - 130

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QC Sample Results

Client: NT Global
 Project/Site: Preacher 19 Federal #003H

Job ID: 890-2781-1
 SDG: 226005

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

Lab Sample ID: 880-18312-A-12-E MS
Matrix: Solid
Analysis Batch: 32588

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 32606

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier	Added	Result	Qualifier				
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	997	1593	F1	mg/Kg		157	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U F1	997	1603	F1	mg/Kg		159	70 - 130
Surrogate	MS	MS							
	%Recovery	Qualifier	Limits						
1-Chlorooctane	92		70 - 130						
o-Terphenyl	83		70 - 130						

Lab Sample ID: 880-18312-A-12-F MSD
Matrix: Solid
Analysis Batch: 32588

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 32606

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	995	1760	F1	mg/Kg		174	70 - 130	10	20
Diesel Range Organics (Over C10-C28)	<50.0	U F1	995	1588	F1	mg/Kg		158	70 - 130	1	20
Surrogate	MSD	MSD									
	%Recovery	Qualifier	Limits								
1-Chlorooctane	90		70 - 130								
o-Terphenyl	82		70 - 130								

Lab Sample ID: MB 880-32608/1-A
Matrix: Solid
Analysis Batch: 32586

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 32608

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/22/22 09:31	08/22/22 11:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/22/22 09:31	08/22/22 11:08	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/22/22 09:31	08/22/22 11:08	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
1-Chlorooctane	63	S1-	70 - 130				08/22/22 09:31	08/22/22 11:08	1
o-Terphenyl	68	S1-	70 - 130				08/22/22 09:31	08/22/22 11:08	1

Lab Sample ID: LCS 880-32608/2-A
Matrix: Solid
Analysis Batch: 32586

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 32608

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Gasoline Range Organics (GRO)-C6-C10	1000	708.2		mg/Kg		71	70 - 130
Diesel Range Organics (Over C10-C28)	1000	764.5		mg/Kg		76	70 - 130

QC Sample Results

Client: NT Global
 Project/Site: Preacher 19 Federal #003H

Job ID: 890-2781-1
 SDG: 226005

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

Lab Sample ID: LCS 880-32608/2-A
Matrix: Solid
Analysis Batch: 32586

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 32608

Surrogate	LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	72		70 - 130
o-Terphenyl	74		70 - 130

Lab Sample ID: LCSD 880-32608/3-A
Matrix: Solid
Analysis Batch: 32586

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 32608

Analyte	Spike Added	LCSD		Unit	D	%Rec	%Rec		RPD	Limit
		Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	1000	744.7		mg/Kg		74	70 - 130	5	20	
Diesel Range Organics (Over C10-C28)	1000	846.7		mg/Kg		85	70 - 130	10	20	

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	86		70 - 130
o-Terphenyl	91		70 - 130

Lab Sample ID: 890-2789-A-1-F MS
Matrix: Solid
Analysis Batch: 32586

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 32608

Analyte	Sample Result	Sample Qualifier	Spike Added	MS		Unit	D	%Rec	%Rec		RPD	Limit
				Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	862.4		mg/Kg		86	70 - 130			
Diesel Range Organics (Over C10-C28)	<49.9	U F1	999	712.0		mg/Kg		71	70 - 130			

Surrogate	MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	72		70 - 130
o-Terphenyl	67	S1-	70 - 130

Lab Sample ID: 890-2789-A-1-G MSD
Matrix: Solid
Analysis Batch: 32586

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 32608

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec		RPD	Limit
				Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	747.4		mg/Kg		75	70 - 130	14	20	
Diesel Range Organics (Over C10-C28)	<49.9	U F1	998	626.3	F1	mg/Kg		63	70 - 130	13	20	

Surrogate	MSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	62	S1-	70 - 130
o-Terphenyl	58	S1-	70 - 130

QC Sample Results

Client: NT Global
 Project/Site: Preacher 19 Federal #003H

Job ID: 890-2781-1
 SDG: 226005

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

Lab Sample ID: MB 880-32668/1-A
Matrix: Solid
Analysis Batch: 32588

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 32668

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/22/22 13:39	08/22/22 21:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/22/22 13:39	08/22/22 21:31	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/22/22 13:39	08/22/22 21:31	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane	101		70 - 130	08/22/22 13:39	08/22/22 21:31	1
o-Terphenyl	96		70 - 130	08/22/22 13:39	08/22/22 21:31	1

Lab Sample ID: LCS 880-32668/2-A
Matrix: Solid
Analysis Batch: 32588

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 32668

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Gasoline Range Organics (GRO)-C6-C10	1000	962.3		mg/Kg		96	70 - 130
Diesel Range Organics (Over C10-C28)	1000	942.6		mg/Kg		94	70 - 130

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
1-Chlorooctane	98		70 - 130
o-Terphenyl	91		70 - 130

Lab Sample ID: LCSD 880-32668/3-A
Matrix: Solid
Analysis Batch: 32588

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 32668

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	
		Result	Qualifier					RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	887.7		mg/Kg		89	70 - 130	8	20
Diesel Range Organics (Over C10-C28)	1000	941.0		mg/Kg		94	70 - 130	0	20

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
1-Chlorooctane	92		70 - 130
o-Terphenyl	91		70 - 130

Lab Sample ID: 890-2781-1 MS
Matrix: Solid
Analysis Batch: 32588

Client Sample ID: H-1
Prep Type: Total/NA
Prep Batch: 32668

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier		Result	Qualifier				
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	999	1306		mg/Kg		127	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	999	1201		mg/Kg		120	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Preacher 19 Federal #003H

Job ID: 890-2781-1
SDG: 226005

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

Lab Sample ID: 890-2781-1 MS
Matrix: Solid
Analysis Batch: 32588

Client Sample ID: H-1
Prep Type: Total/NA
Prep Batch: 32668

Surrogate	%Recovery	MS MS Qualifier	Limits
1-Chlorooctane	117		70 - 130
o-Terphenyl	90		70 - 130

Lab Sample ID: 890-2781-1 MSD
Matrix: Solid
Analysis Batch: 32588

Client Sample ID: H-1
Prep Type: Total/NA
Prep Batch: 32668

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec Limits	RPD	Limit
				Result	Qualifier						
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	998	1415	F1	mg/Kg		138	70 - 130	8	20
Diesel Range Organics (Over C10-C28)	<49.9	U	998	1042		mg/Kg		104	70 - 130	14	20

Surrogate	%Recovery	MSD MSD Qualifier	Limits
1-Chlorooctane	87		70 - 130
o-Terphenyl	76		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-32581/1-A
Matrix: Solid
Analysis Batch: 33166

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			08/28/22 21:47	1

Lab Sample ID: LCS 880-32581/2-A
Matrix: Solid
Analysis Batch: 33166

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	244.8		mg/Kg		98	90 - 110

Lab Sample ID: LCSD 880-32581/3-A
Matrix: Solid
Analysis Batch: 33166

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Chloride	250	244.6		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 890-2781-1 MS
Matrix: Solid
Analysis Batch: 33166

Client Sample ID: H-1
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	215		252	463.4		mg/Kg		99	90 - 110

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QC Sample Results

Client: NT Global
 Project/Site: Preacher 19 Federal #003H

Job ID: 890-2781-1
 SDG: 226005

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-2781-1 MSD
Matrix: Solid
Analysis Batch: 33166

Client Sample ID: H-1
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	215		252	464.7		mg/Kg		99	90 - 110	0	20

Lab Sample ID: 890-2781-11 MS
Matrix: Solid
Analysis Batch: 33166

Client Sample ID: S-1 (3-3.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	118		248	370.3		mg/Kg		102	90 - 110		

Lab Sample ID: 890-2781-11 MSD
Matrix: Solid
Analysis Batch: 33166

Client Sample ID: S-1 (3-3.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	118		248	370.3		mg/Kg		102	90 - 110	0	20

QC Association Summary

Client: NT Global
Project/Site: Preacher 19 Federal #003H

Job ID: 890-2781-1
SDG: 226005

GC VOA

Prep Batch: 33321

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2781-1	H-1	Total/NA	Solid	5035	
890-2781-2	H-2	Total/NA	Solid	5035	
890-2781-3	H-3	Total/NA	Solid	5035	
890-2781-4	H-4	Total/NA	Solid	5035	
890-2781-5	H-5	Total/NA	Solid	5035	
890-2781-6	H-6	Total/NA	Solid	5035	
890-2781-7	H-7	Total/NA	Solid	5035	
890-2781-8	H-8	Total/NA	Solid	5035	
890-2781-9	H-9	Total/NA	Solid	5035	
890-2781-10	H-10	Total/NA	Solid	5035	
890-2781-11	S-1 (3-3.5)	Total/NA	Solid	5035	
890-2781-12	S-1 (4-4.5)	Total/NA	Solid	5035	
890-2781-13	S-2 (0-1)	Total/NA	Solid	5035	
890-2781-14	S-2 (1-1.5)	Total/NA	Solid	5035	
890-2781-16	S-3 (0-1)	Total/NA	Solid	5035	
890-2781-20	H-11	Total/NA	Solid	5035	
MB 880-33321/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-33321/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-33321/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2781-1 MS	H-1	Total/NA	Solid	5035	
890-2781-1 MSD	H-1	Total/NA	Solid	5035	

Analysis Batch: 33339

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2781-1	H-1	Total/NA	Solid	8021B	33321
890-2781-2	H-2	Total/NA	Solid	8021B	33321
890-2781-3	H-3	Total/NA	Solid	8021B	33321
890-2781-4	H-4	Total/NA	Solid	8021B	33321
890-2781-5	H-5	Total/NA	Solid	8021B	33321
890-2781-6	H-6	Total/NA	Solid	8021B	33321
890-2781-7	H-7	Total/NA	Solid	8021B	33321
890-2781-8	H-8	Total/NA	Solid	8021B	33321
890-2781-9	H-9	Total/NA	Solid	8021B	33321
890-2781-10	H-10	Total/NA	Solid	8021B	33321
890-2781-11	S-1 (3-3.5)	Total/NA	Solid	8021B	33321
890-2781-12	S-1 (4-4.5)	Total/NA	Solid	8021B	33321
890-2781-13	S-2 (0-1)	Total/NA	Solid	8021B	33321
890-2781-14	S-2 (1-1.5)	Total/NA	Solid	8021B	33321
890-2781-16	S-3 (0-1)	Total/NA	Solid	8021B	33321
890-2781-20	H-11	Total/NA	Solid	8021B	33321
MB 880-33321/5-A	Method Blank	Total/NA	Solid	8021B	33321
LCS 880-33321/1-A	Lab Control Sample	Total/NA	Solid	8021B	33321
LCSD 880-33321/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	33321
890-2781-1 MS	H-1	Total/NA	Solid	8021B	33321
890-2781-1 MSD	H-1	Total/NA	Solid	8021B	33321

Prep Batch: 33353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2781-17	S-3 (1-1.5)	Total/NA	Solid	5035	
890-2781-18	S-4 (0-1)	Total/NA	Solid	5035	
890-2781-19	S-4 (1-1.5)	Total/NA	Solid	5035	

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QC Association Summary

Client: NT Global
Project/Site: Preacher 19 Federal #003H

Job ID: 890-2781-1
SDG: 226005

GC VOA (Continued)

Prep Batch: 33353 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-33353/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-33353/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-33353/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-18581-A-21-E MS	Matrix Spike	Total/NA	Solid	5035	
880-18581-A-21-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 33448

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2781-1	H-1	Total/NA	Solid	Total BTEX	
890-2781-2	H-2	Total/NA	Solid	Total BTEX	
890-2781-3	H-3	Total/NA	Solid	Total BTEX	
890-2781-4	H-4	Total/NA	Solid	Total BTEX	
890-2781-5	H-5	Total/NA	Solid	Total BTEX	
890-2781-6	H-6	Total/NA	Solid	Total BTEX	
890-2781-7	H-7	Total/NA	Solid	Total BTEX	
890-2781-8	H-8	Total/NA	Solid	Total BTEX	
890-2781-9	H-9	Total/NA	Solid	Total BTEX	
890-2781-10	H-10	Total/NA	Solid	Total BTEX	
890-2781-11	S-1 (3-3.5)	Total/NA	Solid	Total BTEX	
890-2781-12	S-1 (4-4.5)	Total/NA	Solid	Total BTEX	
890-2781-13	S-2 (0-1)	Total/NA	Solid	Total BTEX	
890-2781-14	S-2 (1-1.5)	Total/NA	Solid	Total BTEX	
890-2781-16	S-3 (0-1)	Total/NA	Solid	Total BTEX	
890-2781-17	S-3 (1-1.5)	Total/NA	Solid	Total BTEX	
890-2781-18	S-4 (0-1)	Total/NA	Solid	Total BTEX	
890-2781-19	S-4 (1-1.5)	Total/NA	Solid	Total BTEX	
890-2781-20	H-11	Total/NA	Solid	Total BTEX	

Analysis Batch: 33469

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2781-17	S-3 (1-1.5)	Total/NA	Solid	8021B	33353
890-2781-18	S-4 (0-1)	Total/NA	Solid	8021B	33353
890-2781-19	S-4 (1-1.5)	Total/NA	Solid	8021B	33353
MB 880-33353/5-A	Method Blank	Total/NA	Solid	8021B	33353
LCS 880-33353/1-A	Lab Control Sample	Total/NA	Solid	8021B	33353
LCSD 880-33353/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	33353
880-18581-A-21-E MS	Matrix Spike	Total/NA	Solid	8021B	33353
880-18581-A-21-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	33353

GC Semi VOA

Analysis Batch: 32586

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2781-19	S-4 (1-1.5)	Total/NA	Solid	8015B NM	32608
890-2781-20	H-11	Total/NA	Solid	8015B NM	32608
MB 880-32608/1-A	Method Blank	Total/NA	Solid	8015B NM	32608
LCS 880-32608/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	32608
LCSD 880-32608/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	32608
890-2789-A-1-F MS	Matrix Spike	Total/NA	Solid	8015B NM	32608
890-2789-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	32608

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QC Association Summary

Client: NT Global
Project/Site: Preacher 19 Federal #003H

Job ID: 890-2781-1
SDG: 226005

GC Semi VOA

Analysis Batch: 32588

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2781-1	H-1	Total/NA	Solid	8015B NM	32668
890-2781-2	H-2	Total/NA	Solid	8015B NM	32668
890-2781-3	H-3	Total/NA	Solid	8015B NM	32668
890-2781-4	H-4	Total/NA	Solid	8015B NM	32668
890-2781-5	H-5	Total/NA	Solid	8015B NM	32668
890-2781-6	H-6	Total/NA	Solid	8015B NM	32668
890-2781-7	H-7	Total/NA	Solid	8015B NM	32668
890-2781-8	H-8	Total/NA	Solid	8015B NM	32668
890-2781-9	H-9	Total/NA	Solid	8015B NM	32668
890-2781-10	H-10	Total/NA	Solid	8015B NM	32668
890-2781-11	S-1 (3-3.5)	Total/NA	Solid	8015B NM	32668
890-2781-12	S-1 (4-4.5)	Total/NA	Solid	8015B NM	32668
890-2781-13	S-2 (0-1)	Total/NA	Solid	8015B NM	32668
890-2781-14	S-2 (1-1.5)	Total/NA	Solid	8015B NM	32668
890-2781-16	S-3 (0-1)	Total/NA	Solid	8015B NM	32668
890-2781-17	S-3 (1-1.5)	Total/NA	Solid	8015B NM	32606
890-2781-18	S-4 (0-1)	Total/NA	Solid	8015B NM	32606
MB 880-32606/1-A	Method Blank	Total/NA	Solid	8015B NM	32606
MB 880-32668/1-A	Method Blank	Total/NA	Solid	8015B NM	32668
LCS 880-32606/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	32606
LCS 880-32668/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	32668
LCSD 880-32606/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	32606
LCSD 880-32668/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	32668
880-18312-A-12-E MS	Matrix Spike	Total/NA	Solid	8015B NM	32606
880-18312-A-12-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	32606
890-2781-1 MS	H-1	Total/NA	Solid	8015B NM	32668
890-2781-1 MSD	H-1	Total/NA	Solid	8015B NM	32668

Prep Batch: 32606

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2781-17	S-3 (1-1.5)	Total/NA	Solid	8015NM Prep	
890-2781-18	S-4 (0-1)	Total/NA	Solid	8015NM Prep	
MB 880-32606/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-32606/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-32606/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-18312-A-12-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-18312-A-12-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 32608

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2781-19	S-4 (1-1.5)	Total/NA	Solid	8015NM Prep	
890-2781-20	H-11	Total/NA	Solid	8015NM Prep	
MB 880-32608/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-32608/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-32608/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-2789-A-1-F MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-2789-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 32668

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2781-1	H-1	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: NT Global
Project/Site: Preacher 19 Federal #003H

Job ID: 890-2781-1
SDG: 226005

GC Semi VOA (Continued)

Prep Batch: 32668 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2781-2	H-2	Total/NA	Solid	8015NM Prep	
890-2781-3	H-3	Total/NA	Solid	8015NM Prep	
890-2781-4	H-4	Total/NA	Solid	8015NM Prep	
890-2781-5	H-5	Total/NA	Solid	8015NM Prep	
890-2781-6	H-6	Total/NA	Solid	8015NM Prep	
890-2781-7	H-7	Total/NA	Solid	8015NM Prep	
890-2781-8	H-8	Total/NA	Solid	8015NM Prep	
890-2781-9	H-9	Total/NA	Solid	8015NM Prep	
890-2781-10	H-10	Total/NA	Solid	8015NM Prep	
890-2781-11	S-1 (3-3.5)	Total/NA	Solid	8015NM Prep	
890-2781-12	S-1 (4-4.5)	Total/NA	Solid	8015NM Prep	
890-2781-13	S-2 (0-1)	Total/NA	Solid	8015NM Prep	
890-2781-14	S-2 (1-1.5)	Total/NA	Solid	8015NM Prep	
890-2781-16	S-3 (0-1)	Total/NA	Solid	8015NM Prep	
MB 880-32668/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-32668/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCS 880-32668/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-2781-1 MS	H-1	Total/NA	Solid	8015NM Prep	
890-2781-1 MSD	H-1	Total/NA	Solid	8015NM Prep	

Analysis Batch: 32779

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2781-1	H-1	Total/NA	Solid	8015 NM	
890-2781-2	H-2	Total/NA	Solid	8015 NM	
890-2781-3	H-3	Total/NA	Solid	8015 NM	
890-2781-4	H-4	Total/NA	Solid	8015 NM	
890-2781-5	H-5	Total/NA	Solid	8015 NM	
890-2781-6	H-6	Total/NA	Solid	8015 NM	
890-2781-7	H-7	Total/NA	Solid	8015 NM	
890-2781-8	H-8	Total/NA	Solid	8015 NM	
890-2781-9	H-9	Total/NA	Solid	8015 NM	
890-2781-10	H-10	Total/NA	Solid	8015 NM	
890-2781-11	S-1 (3-3.5)	Total/NA	Solid	8015 NM	
890-2781-12	S-1 (4-4.5)	Total/NA	Solid	8015 NM	
890-2781-13	S-2 (0-1)	Total/NA	Solid	8015 NM	
890-2781-14	S-2 (1-1.5)	Total/NA	Solid	8015 NM	
890-2781-16	S-3 (0-1)	Total/NA	Solid	8015 NM	
890-2781-17	S-3 (1-1.5)	Total/NA	Solid	8015 NM	
890-2781-18	S-4 (0-1)	Total/NA	Solid	8015 NM	
890-2781-19	S-4 (1-1.5)	Total/NA	Solid	8015 NM	
890-2781-20	H-11	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 32581

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2781-1	H-1	Soluble	Solid	DI Leach	
890-2781-2	H-2	Soluble	Solid	DI Leach	
890-2781-3	H-3	Soluble	Solid	DI Leach	
890-2781-4	H-4	Soluble	Solid	DI Leach	
890-2781-5	H-5	Soluble	Solid	DI Leach	

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QC Association Summary

Client: NT Global
Project/Site: Preacher 19 Federal #003H

Job ID: 890-2781-1
SDG: 226005

HPLC/IC (Continued)

Leach Batch: 32581 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2781-6	H-6	Soluble	Solid	DI Leach	
890-2781-7	H-7	Soluble	Solid	DI Leach	
890-2781-8	H-8	Soluble	Solid	DI Leach	
890-2781-9	H-9	Soluble	Solid	DI Leach	
890-2781-10	H-10	Soluble	Solid	DI Leach	
890-2781-11	S-1 (3-3.5)	Soluble	Solid	DI Leach	
890-2781-12	S-1 (4-4.5)	Soluble	Solid	DI Leach	
890-2781-13	S-2 (0-1)	Soluble	Solid	DI Leach	
890-2781-14	S-2 (1-1.5)	Soluble	Solid	DI Leach	
890-2781-16	S-3 (0-1)	Soluble	Solid	DI Leach	
890-2781-17	S-3 (1-1.5)	Soluble	Solid	DI Leach	
890-2781-18	S-4 (0-1)	Soluble	Solid	DI Leach	
890-2781-19	S-4 (1-1.5)	Soluble	Solid	DI Leach	
890-2781-20	H-11	Soluble	Solid	DI Leach	
MB 880-32581/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-32581/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-32581/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-2781-1 MS	H-1	Soluble	Solid	DI Leach	
890-2781-1 MSD	H-1	Soluble	Solid	DI Leach	
890-2781-11 MS	S-1 (3-3.5)	Soluble	Solid	DI Leach	
890-2781-11 MSD	S-1 (3-3.5)	Soluble	Solid	DI Leach	

Analysis Batch: 33166

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2781-1	H-1	Soluble	Solid	300.0	32581
890-2781-2	H-2	Soluble	Solid	300.0	32581
890-2781-3	H-3	Soluble	Solid	300.0	32581
890-2781-4	H-4	Soluble	Solid	300.0	32581
890-2781-5	H-5	Soluble	Solid	300.0	32581
890-2781-6	H-6	Soluble	Solid	300.0	32581
890-2781-7	H-7	Soluble	Solid	300.0	32581
890-2781-8	H-8	Soluble	Solid	300.0	32581
890-2781-9	H-9	Soluble	Solid	300.0	32581
890-2781-10	H-10	Soluble	Solid	300.0	32581
890-2781-11	S-1 (3-3.5)	Soluble	Solid	300.0	32581
890-2781-12	S-1 (4-4.5)	Soluble	Solid	300.0	32581
890-2781-13	S-2 (0-1)	Soluble	Solid	300.0	32581
890-2781-14	S-2 (1-1.5)	Soluble	Solid	300.0	32581
890-2781-16	S-3 (0-1)	Soluble	Solid	300.0	32581
890-2781-17	S-3 (1-1.5)	Soluble	Solid	300.0	32581
890-2781-18	S-4 (0-1)	Soluble	Solid	300.0	32581
890-2781-19	S-4 (1-1.5)	Soluble	Solid	300.0	32581
890-2781-20	H-11	Soluble	Solid	300.0	32581
MB 880-32581/1-A	Method Blank	Soluble	Solid	300.0	32581
LCS 880-32581/2-A	Lab Control Sample	Soluble	Solid	300.0	32581
LCSD 880-32581/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	32581
890-2781-1 MS	H-1	Soluble	Solid	300.0	32581
890-2781-1 MSD	H-1	Soluble	Solid	300.0	32581
890-2781-11 MS	S-1 (3-3.5)	Soluble	Solid	300.0	32581
890-2781-11 MSD	S-1 (3-3.5)	Soluble	Solid	300.0	32581

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Lab Chronicle

Client: NT Global
 Project/Site: Preacher 19 Federal #003H

Job ID: 890-2781-1
 SDG: 226005

Client Sample ID: H-1

Lab Sample ID: 890-2781-1

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 14:05

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	33321	08/30/22 09:35	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33339	08/30/22 17:07	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33448	08/31/22 11:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			32779	08/23/22 11:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32668	08/22/22 13:39	DM	EET MID
Total/NA	Analysis	8015B NM		1			32588	08/22/22 22:36	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	32581	08/21/22 19:10	SMC	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33166	08/28/22 22:10	CH	EET MID

Client Sample ID: H-2

Lab Sample ID: 890-2781-2

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 14:05

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	33321	08/30/22 09:35	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33339	08/30/22 17:32	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33448	08/31/22 11:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			32779	08/23/22 11:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	32668	08/22/22 13:39	DM	EET MID
Total/NA	Analysis	8015B NM		1			32588	08/22/22 23:41	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	32581	08/21/22 19:10	SMC	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33166	08/28/22 22:34	CH	EET MID

Client Sample ID: H-3

Lab Sample ID: 890-2781-3

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 14:05

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	33321	08/30/22 09:35	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33339	08/30/22 17:58	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33448	08/31/22 11:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			32779	08/23/22 11:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32668	08/22/22 13:39	DM	EET MID
Total/NA	Analysis	8015B NM		1			32588	08/23/22 00:03	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	32581	08/21/22 19:10	SMC	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33166	08/28/22 22:42	CH	EET MID

Client Sample ID: H-4

Lab Sample ID: 890-2781-4

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 14:05

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	33321	08/30/22 09:35	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33339	08/30/22 18:23	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33448	08/31/22 11:42	SM	EET MID

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Lab Chronicle

Client: NT Global
 Project/Site: Preacher 19 Federal #003H

Job ID: 890-2781-1
 SDG: 226005

Client Sample ID: H-4

Lab Sample ID: 890-2781-4

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 14:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			32779	08/23/22 11:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32668	08/22/22 13:39	DM	EET MID
Total/NA	Analysis	8015B NM		1			32588	08/23/22 00:24	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	32581	08/21/22 19:10	SMC	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33166	08/28/22 22:49	CH	EET MID

Client Sample ID: H-5

Lab Sample ID: 890-2781-5

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 14:05

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	33321	08/30/22 09:35	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33339	08/30/22 18:49	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33448	08/31/22 11:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			32779	08/23/22 11:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32668	08/22/22 13:39	DM	EET MID
Total/NA	Analysis	8015B NM		1			32588	08/23/22 00:45	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	32581	08/21/22 19:10	SMC	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33166	08/28/22 22:57	CH	EET MID

Client Sample ID: H-6

Lab Sample ID: 890-2781-6

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 14:05

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	33321	08/30/22 09:35	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33339	08/30/22 19:15	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33448	08/31/22 11:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			32779	08/23/22 11:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	32668	08/22/22 13:39	DM	EET MID
Total/NA	Analysis	8015B NM		1			32588	08/23/22 01:06	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	32581	08/21/22 19:10	SMC	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33166	08/28/22 23:21	CH	EET MID

Client Sample ID: H-7

Lab Sample ID: 890-2781-7

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 14:05

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	33321	08/30/22 09:35	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33339	08/30/22 19:41	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33448	08/31/22 11:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			32779	08/23/22 11:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32668	08/22/22 13:39	DM	EET MID
Total/NA	Analysis	8015B NM		1			32588	08/23/22 01:27	SM	EET MID

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Lab Chronicle

Client: NT Global
 Project/Site: Preacher 19 Federal #003H

Job ID: 890-2781-1
 SDG: 226005

Client Sample ID: H-7

Lab Sample ID: 890-2781-7

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 14:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5 g	50 mL	32581	08/21/22 19:10	SMC	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33166	08/28/22 23:29	CH	EET MID

Client Sample ID: H-8

Lab Sample ID: 890-2781-8

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 14:05

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	33321	08/30/22 09:35	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33339	08/30/22 20:06	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33448	08/31/22 11:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			32779	08/23/22 11:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	32668	08/22/22 13:39	DM	EET MID
Total/NA	Analysis	8015B NM		1			32588	08/23/22 01:49	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	32581	08/21/22 19:10	SMC	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33166	08/28/22 23:37	CH	EET MID

Client Sample ID: H-9

Lab Sample ID: 890-2781-9

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 14:05

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	33321	08/30/22 09:35	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33339	08/30/22 20:32	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33448	08/31/22 11:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			32779	08/23/22 11:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32668	08/22/22 13:39	DM	EET MID
Total/NA	Analysis	8015B NM		1			32588	08/23/22 02:10	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	32581	08/21/22 19:10	SMC	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33166	08/28/22 23:44	CH	EET MID

Client Sample ID: H-10

Lab Sample ID: 890-2781-10

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 14:05

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	33321	08/30/22 09:35	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33339	08/30/22 20:58	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33448	08/31/22 11:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			32779	08/23/22 11:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32668	08/22/22 13:39	DM	EET MID
Total/NA	Analysis	8015B NM		1			32588	08/23/22 02:31	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	32581	08/21/22 19:10	SMC	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33166	08/28/22 23:52	CH	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
 Project/Site: Preacher 19 Federal #003H

Job ID: 890-2781-1
 SDG: 226005

Client Sample ID: S-1 (3-3.5)

Lab Sample ID: 890-2781-11

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 14:05

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	33321	08/30/22 09:35	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33339	08/30/22 22:41	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33448	08/31/22 11:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			32779	08/23/22 11:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32668	08/22/22 13:39	DM	EET MID
Total/NA	Analysis	8015B NM		1			32588	08/23/22 03:14	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	32581	08/21/22 19:10	SMC	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33166	08/29/22 00:00	CH	EET MID

Client Sample ID: S-1 (4-4.5)

Lab Sample ID: 890-2781-12

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 14:05

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	33321	08/30/22 09:35	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33339	08/30/22 23:06	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33448	08/31/22 11:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			32779	08/23/22 11:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32668	08/22/22 13:39	DM	EET MID
Total/NA	Analysis	8015B NM		1			32588	08/23/22 03:35	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	32581	08/21/22 19:10	SMC	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33166	08/29/22 00:24	CH	EET MID

Client Sample ID: S-2 (0-1)

Lab Sample ID: 890-2781-13

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 14:05

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	33321	08/30/22 09:35	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33339	08/30/22 23:32	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33448	08/31/22 11:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			32779	08/23/22 11:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	32668	08/22/22 13:39	DM	EET MID
Total/NA	Analysis	8015B NM		1			32588	08/23/22 03:56	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	32581	08/21/22 19:10	SMC	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33166	08/29/22 00:32	CH	EET MID

Client Sample ID: S-2 (1-1.5)

Lab Sample ID: 890-2781-14

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 14:05

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	33321	08/30/22 09:35	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33339	08/30/22 23:58	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33448	08/31/22 11:42	SM	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
 Project/Site: Preacher 19 Federal #003H

Job ID: 890-2781-1
 SDG: 226005

Client Sample ID: S-2 (1-1.5)

Lab Sample ID: 890-2781-14

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 14:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			32779	08/23/22 11:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	32668	08/22/22 13:39	DM	EET MID
Total/NA	Analysis	8015B NM		1			32588	08/23/22 04:17	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	32581	08/21/22 19:10	SMC	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33166	08/29/22 00:56	CH	EET MID

Client Sample ID: S-3 (0-1)

Lab Sample ID: 890-2781-16

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 14:05

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	33321	08/30/22 09:35	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33339	08/31/22 00:24	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33448	08/31/22 11:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			32779	08/23/22 11:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	32668	08/22/22 13:39	DM	EET MID
Total/NA	Analysis	8015B NM		1			32588	08/23/22 04:38	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	32581	08/21/22 19:10	SMC	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33166	08/29/22 01:11	CH	EET MID

Client Sample ID: S-3 (1-1.5)

Lab Sample ID: 890-2781-17

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/18/22 14:05

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	33353	08/30/22 11:43	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33469	08/31/22 23:58	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33448	08/31/22 11:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			32779	08/23/22 11:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32606	08/22/22 09:29	AM	EET MID
Total/NA	Analysis	8015B NM		1			32588	08/22/22 20:26	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	32581	08/21/22 19:10	SMC	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33166	08/29/22 01:19	CH	EET MID

Client Sample ID: S-4 (0-1)

Lab Sample ID: 890-2781-18

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/18/22 14:05

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	33353	08/30/22 11:43	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33469	09/01/22 02:03	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33448	08/31/22 11:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			32779	08/23/22 11:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	32606	08/22/22 09:29	AM	EET MID
Total/NA	Analysis	8015B NM		1			32588	08/22/22 20:47	SM	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
 Project/Site: Preacher 19 Federal #003H

Job ID: 890-2781-1
 SDG: 226005

Client Sample ID: S-4 (0-1)

Lab Sample ID: 890-2781-18

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/18/22 14:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	32581	08/21/22 19:10	SMC	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33166	08/29/22 01:27	CH	EET MID

Client Sample ID: S-4 (1-1.5)

Lab Sample ID: 890-2781-19

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/18/22 14:05

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	33353	08/30/22 11:43	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33469	09/01/22 02:29	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33448	08/31/22 11:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			32779	08/23/22 11:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32608	08/22/22 09:31	AM	EET MID
Total/NA	Analysis	8015B NM		1			32586	08/22/22 20:26	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	32581	08/21/22 19:10	SMC	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33166	08/29/22 01:35	CH	EET MID

Client Sample ID: H-11

Lab Sample ID: 890-2781-20

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 14:05

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	33321	08/30/22 09:35	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33339	08/31/22 00:49	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33448	08/31/22 11:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			32779	08/23/22 11:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32608	08/22/22 09:31	AM	EET MID
Total/NA	Analysis	8015B NM		1			32586	08/22/22 20:47	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	32581	08/21/22 19:10	SMC	EET MID
Soluble	Analysis	300.0		20	0 mL	0 mL	33166	08/29/22 01:43	CH	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: NT Global
Project/Site: Preacher 19 Federal #003H

Job ID: 890-2781-1
SDG: 226005

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-24	06-30-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

- 1
- 2
- 3
- 4
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Method Summary

Client: NT Global
 Project/Site: Preacher 19 Federal #003H

Job ID: 890-2781-1
 SDG: 226005

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	MCAWW	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

- ASTM = ASTM International
- MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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



Sample Summary

Client: NT Global
 Project/Site: Preacher 19 Federal #003H

Job ID: 890-2781-1
 SDG: 226005

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-2781-1	H-1	Solid	08/17/22 00:00	08/18/22 14:05	
890-2781-2	H-2	Solid	08/17/22 00:00	08/18/22 14:05	
890-2781-3	H-3	Solid	08/17/22 00:00	08/18/22 14:05	
890-2781-4	H-4	Solid	08/17/22 00:00	08/18/22 14:05	
890-2781-5	H-5	Solid	08/17/22 00:00	08/18/22 14:05	
890-2781-6	H-6	Solid	08/17/22 00:00	08/18/22 14:05	
890-2781-7	H-7	Solid	08/17/22 00:00	08/18/22 14:05	
890-2781-8	H-8	Solid	08/17/22 00:00	08/18/22 14:05	
890-2781-9	H-9	Solid	08/17/22 00:00	08/18/22 14:05	
890-2781-10	H-10	Solid	08/17/22 00:00	08/18/22 14:05	
890-2781-11	S-1 (3-3.5)	Solid	08/17/22 00:00	08/18/22 14:05	3 - 3.5
890-2781-12	S-1 (4-4.5)	Solid	08/17/22 00:00	08/18/22 14:05	4 - 4.5
890-2781-13	S-2 (0-1)	Solid	08/17/22 00:00	08/18/22 14:05	0 - 1
890-2781-14	S-2 (1-1.5)	Solid	08/17/22 00:00	08/18/22 14:05	1 - 1.5
890-2781-16	S-3 (0-1)	Solid	08/17/22 00:00	08/18/22 14:05	0 - 1
890-2781-17	S-3 (1-1.5)	Solid	08/18/22 00:00	08/18/22 14:05	1 - 1.5
890-2781-18	S-4 (0-1)	Solid	08/18/22 00:00	08/18/22 14:05	0 - 1
890-2781-19	S-4 (1-1.5)	Solid	08/18/22 00:00	08/18/22 14:05	1 - 1.5
890-2781-20	H-11	Solid	08/17/22 00:00	08/18/22 14:05	

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Chain of Custody

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Work Order No: _____

Page 1 of 3

Project Manager: Ethan Sessums
 Company Name: NTG Environmental
 Address: 402 E Wood Ave
 City, State ZIP: Carlsbad, NM 88220
 Phone: 254-266-5456

Bill to: (if different)
 Company Name: Wesley Mathews
 Address: 6488 Seven Rivers Highway
 City, State ZIP: Artesia, NM 88210
 Email: Wesley.Mathews@dvn.com

Work Order Comments
 Program: UST/PST
 PRP Brownfields RRC Superfund
 State of Project:
 Reporting Level I Level II Level III PST/UST RRP Level IV
 Deliverables: EDD ADAPT Other: _____



Preservative Codes
 None: NO
 Cool: Cool
 HCL: HC
 H₂SO₄: H₂
 H₃PO₄: HP
 NaHSO₄: NABIS
 Na₂S₂O₃: NASO₃
 Zn Acetate+NaOH: Zn
 NaOH+Ascorbic Acid: SAPC

Project Name:	Preacher 19 Federal #003H	Turn Around	Pres. Code
Project Number:	226005	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	
Project Location:	Eddy Co.	Due Date:	
Sampler's Name:	Jordan Tyner	TAT starts the day received by the lab, if received by 4:30pm	
PO #:	20978130	Well Ice:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
SAMPLE RECEIPT	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID: <u>1001-007</u>
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:	<u>-0.2</u>
Cooler Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Temperature Reading:	<u>10.6</u>
Sample Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Corrected Temperature:	<u>5.8</u>
Total Containers:	<u>22</u>		

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters
H-1	8/17/2022		X	Grab/	Comp	1	BTEX 8021B
H-2	8/17/2022		X	Grab/	Comp	1	TPH 8015M (GRO + DRO + MRO)
H-3	8/17/2022		X	Grab/	Comp	1	Chloride 4500
H-4	8/17/2022		X	Grab/	Comp	1	
H-5	8/17/2022		X	Grab/	Comp	1	
H-6	8/17/2022		X	Grab/	Comp	1	
H-7	8/17/2022		X	Grab/	Comp	1	
H-8	8/17/2022		X	Grab/	Comp	1	
H-9	8/17/2022		X	Grab/	Comp	1	
H-10	8/17/2022		X	Grab/	Comp	1	

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	8-18-22 1405			



Chain of Custody

Work Order No: _____

Page 2 of 3

Project Manager:	Ethan Seessums	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	402 E Wood Ave	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	254-266-5456	Email:	Wesley.Mathews@dvn.com

Work Order Comments	
Program: UST/PST	<input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund
State of Project:	
Reporting Level: I	<input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables:	EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:

Project Name:	Preacher 19 Federal #003H	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code		ANALYSIS REQUEST		Preservative Codes	
Project Number:	226005	Due Date:						None: NO	DI Water: H ₂ O
Project Location:	Eddy Co.	TAT starts the day received by the lab, if received by 4:30pm						Cool: Cool	MeOH: Me
Sampler's Name:	Jordan Tyner	Well log:						HCL: HC	HNO ₃ : HN
PO #:	20978130	Thermometer ID:						H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT		Temp Blank:	Yes No	Well log:	Yes No			H ₃ PO ₄ : HP	
Received Inact:	Yes No	Thermometer ID:	Yes No	Well log:	Yes No			NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes No N/A	Correction Factor:	Yes No	Well log:	Yes No			Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	Yes No	Well log:	Yes No			Zn Acetate+NaOH: Zn	
Total Containers:	22	Corrected Temperature:		Well log:	Yes No			NaOH+Ascorbic Acid: SAPC	

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	Sample Comments
S-1 (3-3.5)	8/17/2022		X	Grab/	Comp	1	BTEX 8021B	
S-1 (4-4.5)	8/17/2022		X	Grab/	Comp	1	TPH 8015M (GRO + DRO + MRO)	
S-2 (0-1)	8/17/2022		X	Grab/	Comp	1	Chloride 4500	
S-2 (1-1.5)	8/17/2022		X	Grab/	Comp	1		
S-2 (2-2.5)	8/17/2022		X	Grab/	Comp	1		
S-3 (0-1)	8/18/2022		X	Grab/	Comp	1		
S-3 (1-1.5)	8/18/2022		X	Grab/	Comp	1		
S-4 (0-1)	8/18/2022		X	Grab/	Comp	1		
S-4 (1-1.5)	8/18/2022		X	Grab/	Comp	1		
H-11	8/17/2022		X	Grab/	Comp	1		

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	8/18/22 1405			



NTG

ENVIRONMENTAL

Chain of Custody

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Work Order No: _____

Page 3 of 3

Project Manager: Ethan Sessums

Company Name: NTG Environmental

Address: 402 E Wood Ave

City, State ZIP: Carlsbad, NM 88220

Phone: 254-266-5456

Bill To: (if different) Wesley Mathews

Company Name: Devon Energy

Address: 6488 Seven Rivers Highway

City, State ZIP: Artesia, NM 88210

Email: Wesley.Mathews@dvn.com

Work Order Comments

Program: UST/PST PRP Brownfields RRC Unperturbed

State of Project: Reporting Level II Level III PST/UST RRP Level IV

Deliverables: EDD ADAPT Other:

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	ANALYSIS REQUEST	Preservative Codes
S-3 (2-2-5)	8/18/2022		X		Grab/	1	BTEX 8021B		None: NO
S-4 (2-2-5)	8/18/2022		X		Grab/	1	TPH 8015M (GRO + DRO + MRO)		DI Water: H ₂ O
							Chloride 4500		Cool: Cool
									HCL: HC
									H ₂ SO ₄ : H ₂
									H ₃ PO ₄ : HP
									NaHSO ₄ : NABIS
									Na ₂ S ₂ O ₅ : NaSO ₃
									Zn Acetate+NaOH: Zn
									NaOH+Ascorbic Acid: SAPC

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	8.18.22 1405	<i>[Signature]</i>	<i>[Signature]</i>	

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-2781-1

SDG Number: 226005

Login Number: 2781

List Number: 1

Creator: Clifton, Cloe

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-2781-1

SDG Number: 226005

Login Number: 2781

List Number: 2

Creator: Rodriguez, Leticia

List Source: Eurofins Midland
List Creation: 08/22/22 08:49 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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

November 18, 2022

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: PREACHER 19 FEDERAL #003H

Enclosed are the results of analyses for samples received by the laboratory on 11/17/22 13:33.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	11/17/2022	Sampling Date:	11/16/2022
Reported:	11/18/2022	Sampling Type:	Soil
Project Name:	PREACHER 19 FEDERAL #003H	Sampling Condition:	Cool & Intact
Project Number:	226005	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO NM		

Sample ID: CS - 1 3' (H225442-01)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/17/2022	ND	2.10	105	2.00	4.49	
Toluene*	<0.050	0.050	11/17/2022	ND	2.09	104	2.00	6.32	
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	2.10	105	2.00	4.89	
Total Xylenes*	<0.150	0.150	11/17/2022	ND	6.48	108	6.00	5.30	
Total BTEX	<0.300	0.300	11/17/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	11/18/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/18/2022	ND	214	107	200	3.84	
DRO >C10-C28*	29.6	10.0	11/18/2022	ND	206	103	200	3.99	
EXT DRO >C28-C36	<10.0	10.0	11/18/2022	ND					

Surrogate: 1-Chlorooctane 78.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 88.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	11/17/2022	Sampling Date:	11/16/2022
Reported:	11/18/2022	Sampling Type:	Soil
Project Name:	PREACHER 19 FEDERAL #003H	Sampling Condition:	Cool & Intact
Project Number:	226005	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO NM		

Sample ID: CS - 2 3' (H225442-02)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/17/2022	ND	2.10	105	2.00	4.49		
Toluene*	<0.050	0.050	11/17/2022	ND	2.09	104	2.00	6.32		
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	2.10	105	2.00	4.89		
Total Xylenes*	<0.150	0.150	11/17/2022	ND	6.48	108	6.00	5.30		
Total BTEX	<0.300	0.300	11/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	464	16.0	11/18/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/18/2022	ND	214	107	200	3.84		
DRO >C10-C28*	<10.0	10.0	11/18/2022	ND	206	103	200	3.99		
EXT DRO >C28-C36	<10.0	10.0	11/18/2022	ND						

Surrogate: 1-Chlorooctane 88.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	11/17/2022	Sampling Date:	11/16/2022
Reported:	11/18/2022	Sampling Type:	Soil
Project Name:	PREACHER 19 FEDERAL #003H	Sampling Condition:	Cool & Intact
Project Number:	226005	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO NM		

Sample ID: CS - 3 3' (H225442-03)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/17/2022	ND	2.10	105	2.00	4.49	
Toluene*	<0.050	0.050	11/17/2022	ND	2.09	104	2.00	6.32	
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	2.10	105	2.00	4.89	
Total Xylenes*	<0.150	0.150	11/17/2022	ND	6.48	108	6.00	5.30	
Total BTEX	<0.300	0.300	11/17/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	11/18/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/18/2022	ND	214	107	200	3.84	
DRO >C10-C28*	<10.0	10.0	11/18/2022	ND	206	103	200	3.99	
EXT DRO >C28-C36	<10.0	10.0	11/18/2022	ND					

Surrogate: 1-Chlorooctane 83.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.3 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	11/17/2022	Sampling Date:	11/16/2022
Reported:	11/18/2022	Sampling Type:	Soil
Project Name:	PREACHER 19 FEDERAL #003H	Sampling Condition:	Cool & Intact
Project Number:	226005	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO NM		

Sample ID: CS - 4 3' (H225442-04)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/17/2022	ND	2.10	105	2.00	4.49	
Toluene*	<0.050	0.050	11/17/2022	ND	2.09	104	2.00	6.32	
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	2.10	105	2.00	4.89	
Total Xylenes*	<0.150	0.150	11/17/2022	ND	6.48	108	6.00	5.30	
Total BTEX	<0.300	0.300	11/17/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	11/18/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/18/2022	ND	214	107	200	3.84	
DRO >C10-C28*	<10.0	10.0	11/18/2022	ND	206	103	200	3.99	
EXT DRO >C28-C36	<10.0	10.0	11/18/2022	ND					

Surrogate: 1-Chlorooctane 87.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.3 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	11/17/2022	Sampling Date:	11/16/2022
Reported:	11/18/2022	Sampling Type:	Soil
Project Name:	PREACHER 19 FEDERAL #003H	Sampling Condition:	Cool & Intact
Project Number:	226005	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO NM		

Sample ID: CS - 5 3' (H225442-05)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/17/2022	ND	2.10	105	2.00	4.49	
Toluene*	<0.050	0.050	11/17/2022	ND	2.09	104	2.00	6.32	
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	2.10	105	2.00	4.89	
Total Xylenes*	<0.150	0.150	11/17/2022	ND	6.48	108	6.00	5.30	
Total BTEX	<0.300	0.300	11/17/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1070	16.0	11/18/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/18/2022	ND	214	107	200	3.84	
DRO >C10-C28*	<10.0	10.0	11/18/2022	ND	206	103	200	3.99	
EXT DRO >C28-C36	<10.0	10.0	11/18/2022	ND					

Surrogate: 1-Chlorooctane 83.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.5 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	11/17/2022	Sampling Date:	11/16/2022
Reported:	11/18/2022	Sampling Type:	Soil
Project Name:	PREACHER 19 FEDERAL #003H	Sampling Condition:	Cool & Intact
Project Number:	226005	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO NM		

Sample ID: CS - 6 3' (H225442-06)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/17/2022	ND	2.10	105	2.00	4.49		
Toluene*	<0.050	0.050	11/17/2022	ND	2.09	104	2.00	6.32		
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	2.10	105	2.00	4.89		
Total Xylenes*	<0.150	0.150	11/17/2022	ND	6.48	108	6.00	5.30		
Total BTEX	<0.300	0.300	11/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	560	16.0	11/18/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/18/2022	ND	214	107	200	3.84		
DRO >C10-C28*	<10.0	10.0	11/18/2022	ND	206	103	200	3.99		
EXT DRO >C28-C36	<10.0	10.0	11/18/2022	ND						

Surrogate: 1-Chlorooctane 75.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 84.5 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	11/17/2022	Sampling Date:	11/16/2022
Reported:	11/18/2022	Sampling Type:	Soil
Project Name:	PREACHER 19 FEDERAL #003H	Sampling Condition:	Cool & Intact
Project Number:	226005	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO NM		

Sample ID: CS - 7 3' (H225442-07)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/17/2022	ND	2.10	105	2.00	4.49		
Toluene*	<0.050	0.050	11/17/2022	ND	2.09	104	2.00	6.32		
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	2.10	105	2.00	4.89		
Total Xylenes*	<0.150	0.150	11/17/2022	ND	6.48	108	6.00	5.30		
Total BTEX	<0.300	0.300	11/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	896	16.0	11/18/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/18/2022	ND	214	107	200	3.84		
DRO >C10-C28*	<10.0	10.0	11/18/2022	ND	206	103	200	3.99		
EXT DRO >C28-C36	<10.0	10.0	11/18/2022	ND						

Surrogate: 1-Chlorooctane 87.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	11/17/2022	Sampling Date:	11/16/2022
Reported:	11/18/2022	Sampling Type:	Soil
Project Name:	PREACHER 19 FEDERAL #003H	Sampling Condition:	Cool & Intact
Project Number:	226005	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO NM		

Sample ID: CS - 8 3' (H225442-08)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/17/2022	ND	2.10	105	2.00	4.49		
Toluene*	<0.050	0.050	11/17/2022	ND	2.09	104	2.00	6.32		
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	2.10	105	2.00	4.89		
Total Xylenes*	<0.150	0.150	11/17/2022	ND	6.48	108	6.00	5.30		
Total BTEX	<0.300	0.300	11/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	11/18/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/18/2022	ND	214	107	200	3.84		
DRO >C10-C28*	<10.0	10.0	11/18/2022	ND	206	103	200	3.99		
EXT DRO >C28-C36	<10.0	10.0	11/18/2022	ND						

Surrogate: 1-Chlorooctane 88.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.5 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	11/17/2022	Sampling Date:	11/16/2022
Reported:	11/18/2022	Sampling Type:	Soil
Project Name:	PREACHER 19 FEDERAL #003H	Sampling Condition:	Cool & Intact
Project Number:	226005	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO NM		

Sample ID: CS - 9 3' (H225442-09)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/17/2022	ND	2.10	105	2.00	4.49	
Toluene*	<0.050	0.050	11/17/2022	ND	2.09	104	2.00	6.32	
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	2.10	105	2.00	4.89	
Total Xylenes*	<0.150	0.150	11/17/2022	ND	6.48	108	6.00	5.30	
Total BTEX	<0.300	0.300	11/17/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	11/18/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/18/2022	ND	214	107	200	3.84	
DRO >C10-C28*	<10.0	10.0	11/18/2022	ND	206	103	200	3.99	
EXT DRO >C28-C36	<10.0	10.0	11/18/2022	ND					

Surrogate: 1-Chlorooctane 83.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.4 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	11/17/2022	Sampling Date:	11/16/2022
Reported:	11/18/2022	Sampling Type:	Soil
Project Name:	PREACHER 19 FEDERAL #003H	Sampling Condition:	Cool & Intact
Project Number:	226005	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO NM		

Sample ID: CS - 10 3' (H225442-10)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/17/2022	ND	2.10	105	2.00	4.49		
Toluene*	<0.050	0.050	11/17/2022	ND	2.09	104	2.00	6.32		
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	2.10	105	2.00	4.89		
Total Xylenes*	<0.150	0.150	11/17/2022	ND	6.48	108	6.00	5.30		
Total BTEX	<0.300	0.300	11/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	11/18/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/18/2022	ND	214	107	200	3.84		
DRO >C10-C28*	<10.0	10.0	11/18/2022	ND	206	103	200	3.99		
EXT DRO >C28-C36	<10.0	10.0	11/18/2022	ND						

Surrogate: 1-Chlorooctane 93.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	11/17/2022	Sampling Date:	11/16/2022
Reported:	11/18/2022	Sampling Type:	Soil
Project Name:	PREACHER 19 FEDERAL #003H	Sampling Condition:	Cool & Intact
Project Number:	226005	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO NM		

Sample ID: CS - 11 3' (H225442-11)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/17/2022	ND	2.10	105	2.00	4.49		
Toluene*	<0.050	0.050	11/17/2022	ND	2.09	104	2.00	6.32		
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	2.10	105	2.00	4.89		
Total Xylenes*	<0.150	0.150	11/17/2022	ND	6.48	108	6.00	5.30		
Total BTEX	<0.300	0.300	11/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1800	16.0	11/18/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/18/2022	ND	214	107	200	3.84		
DRO >C10-C28*	<10.0	10.0	11/18/2022	ND	206	103	200	3.99		
EXT DRO >C28-C36	<10.0	10.0	11/18/2022	ND						

Surrogate: 1-Chlorooctane 96.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 110 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	11/17/2022	Sampling Date:	11/16/2022
Reported:	11/18/2022	Sampling Type:	Soil
Project Name:	PREACHER 19 FEDERAL #003H	Sampling Condition:	Cool & Intact
Project Number:	226005	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO NM		

Sample ID: CS - 12 3' (H225442-12)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/17/2022	ND	2.10	105	2.00	4.49	
Toluene*	<0.050	0.050	11/17/2022	ND	2.09	104	2.00	6.32	
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	2.10	105	2.00	4.89	
Total Xylenes*	<0.150	0.150	11/17/2022	ND	6.48	108	6.00	5.30	
Total BTEX	<0.300	0.300	11/17/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1200	16.0	11/18/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/18/2022	ND	214	107	200	3.84	
DRO >C10-C28*	<10.0	10.0	11/18/2022	ND	206	103	200	3.99	
EXT DRO >C28-C36	<10.0	10.0	11/18/2022	ND					

Surrogate: 1-Chlorooctane 98.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 108 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	11/17/2022	Sampling Date:	11/16/2022
Reported:	11/18/2022	Sampling Type:	Soil
Project Name:	PREACHER 19 FEDERAL #003H	Sampling Condition:	Cool & Intact
Project Number:	226005	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO NM		

Sample ID: SW - 1 (H225442-13)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/17/2022	ND	2.10	105	2.00	4.49		
Toluene*	<0.050	0.050	11/17/2022	ND	2.09	104	2.00	6.32		
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	2.10	105	2.00	4.89		
Total Xylenes*	<0.150	0.150	11/17/2022	ND	6.48	108	6.00	5.30		
Total BTEX	<0.300	0.300	11/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1330	16.0	11/18/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/18/2022	ND	214	107	200	3.84		
DRO >C10-C28*	<10.0	10.0	11/18/2022	ND	206	103	200	3.99		
EXT DRO >C28-C36	<10.0	10.0	11/18/2022	ND						

Surrogate: 1-Chlorooctane 100 % 45.3-161

Surrogate: 1-Chlorooctadecane 113 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	11/17/2022	Sampling Date:	11/16/2022
Reported:	11/18/2022	Sampling Type:	Soil
Project Name:	PREACHER 19 FEDERAL #003H	Sampling Condition:	Cool & Intact
Project Number:	226005	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO NM		

Sample ID: SW - 2 (H225442-14)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/17/2022	ND	2.10	105	2.00	4.49	
Toluene*	<0.050	0.050	11/17/2022	ND	2.09	104	2.00	6.32	
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	2.10	105	2.00	4.89	
Total Xylenes*	<0.150	0.150	11/17/2022	ND	6.48	108	6.00	5.30	
Total BTEX	<0.300	0.300	11/17/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	11/18/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/18/2022	ND	214	107	200	3.84	
DRO >C10-C28*	<10.0	10.0	11/18/2022	ND	206	103	200	3.99	
EXT DRO >C28-C36	<10.0	10.0	11/18/2022	ND					

Surrogate: 1-Chlorooctane 93.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 102 % 46.3-178

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Analytical Results For:

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

Received:	11/17/2022	Sampling Date:	11/16/2022
Reported:	11/18/2022	Sampling Type:	Soil
Project Name:	PREACHER 19 FEDERAL #003H	Sampling Condition:	Cool & Intact
Project Number:	226005	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO NM		

Sample ID: SW - 3 (H225442-15)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/17/2022	ND	2.10	105	2.00	4.49	
Toluene*	<0.050	0.050	11/17/2022	ND	2.09	104	2.00	6.32	
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	2.10	105	2.00	4.89	
Total Xylenes*	<0.150	0.150	11/17/2022	ND	6.48	108	6.00	5.30	
Total BTEX	<0.300	0.300	11/17/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	11/18/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/18/2022	ND	214	107	200	3.84	
DRO >C10-C28*	<10.0	10.0	11/18/2022	ND	206	103	200	3.99	
EXT DRO >C28-C36	<10.0	10.0	11/18/2022	ND					

Surrogate: 1-Chlorooctane 86.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	11/17/2022	Sampling Date:	11/16/2022
Reported:	11/18/2022	Sampling Type:	Soil
Project Name:	PREACHER 19 FEDERAL #003H	Sampling Condition:	Cool & Intact
Project Number:	226005	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO NM		

Sample ID: SW - 4 (H225442-16)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/17/2022	ND	2.10	105	2.00	4.49	
Toluene*	<0.050	0.050	11/17/2022	ND	2.09	104	2.00	6.32	
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	2.10	105	2.00	4.89	
Total Xylenes*	<0.150	0.150	11/17/2022	ND	6.48	108	6.00	5.30	
Total BTEX	<0.300	0.300	11/17/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	11/18/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/18/2022	ND	214	107	200	3.84	
DRO >C10-C28*	<10.0	10.0	11/18/2022	ND	206	103	200	3.99	
EXT DRO >C28-C36	<10.0	10.0	11/18/2022	ND					

Surrogate: 1-Chlorooctane 83.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.9 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	11/17/2022	Sampling Date:	11/16/2022
Reported:	11/18/2022	Sampling Type:	Soil
Project Name:	PREACHER 19 FEDERAL #003H	Sampling Condition:	Cool & Intact
Project Number:	226005	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO NM		

Sample ID: SW - 5 (H225442-17)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/18/2022	ND	2.10	105	2.00	4.49	
Toluene*	<0.050	0.050	11/18/2022	ND	2.09	104	2.00	6.32	
Ethylbenzene*	<0.050	0.050	11/18/2022	ND	2.10	105	2.00	4.89	
Total Xylenes*	<0.150	0.150	11/18/2022	ND	6.48	108	6.00	5.30	
Total BTEX	<0.300	0.300	11/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1120	16.0	11/18/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/18/2022	ND	214	107	200	3.84	
DRO >C10-C28*	<10.0	10.0	11/18/2022	ND	206	103	200	3.99	
EXT DRO >C28-C36	<10.0	10.0	11/18/2022	ND					

Surrogate: 1-Chlorooctane 84.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	11/17/2022	Sampling Date:	11/16/2022
Reported:	11/18/2022	Sampling Type:	Soil
Project Name:	PREACHER 19 FEDERAL #003H	Sampling Condition:	Cool & Intact
Project Number:	226005	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO NM		

Sample ID: SW - 6 (H225442-18)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/17/2022	ND	1.94	96.9	2.00	7.44		
Toluene*	<0.050	0.050	11/17/2022	ND	2.04	102	2.00	7.28		
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	2.02	101	2.00	8.29		
Total Xylenes*	<0.150	0.150	11/17/2022	ND	6.20	103	6.00	8.51		
Total BTEX	<0.300	0.300	11/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1360	16.0	11/18/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/18/2022	ND	214	107	200	3.84		
DRO >C10-C28*	<10.0	10.0	11/18/2022	ND	206	103	200	3.99		
EXT DRO >C28-C36	<10.0	10.0	11/18/2022	ND						

Surrogate: 1-Chlorooctane 73.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 80.7 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	11/17/2022	Sampling Date:	11/16/2022
Reported:	11/18/2022	Sampling Type:	Soil
Project Name:	PREACHER 19 FEDERAL #003H	Sampling Condition:	Cool & Intact
Project Number:	226005	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO NM		

Sample ID: SW - 7 (H225442-19)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/17/2022	ND	1.94	96.9	2.00	7.44	
Toluene*	<0.050	0.050	11/17/2022	ND	2.04	102	2.00	7.28	
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	2.02	101	2.00	8.29	
Total Xylenes*	<0.150	0.150	11/17/2022	ND	6.20	103	6.00	8.51	
Total BTEX	<0.300	0.300	11/17/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	28800	16.0	11/18/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/18/2022	ND	214	107	200	3.84	
DRO >C10-C28*	<10.0	10.0	11/18/2022	ND	206	103	200	3.99	
EXT DRO >C28-C36	<10.0	10.0	11/18/2022	ND					

Surrogate: 1-Chlorooctane 85.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.5 % 46.3-178

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Notes and Definitions

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

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Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No: 1825442

Page 1 of 2

Project Manager: Ethan Sessums
 Company Name: NTG Environmental
 Address: 402 E Wood Ave
 City, State ZIP: Carlsbad, NM 88220
 Phone: 254-266-5456

Bill to: (if different)
 Company Name: Wesley Mathews
 Address: 6488 Seven Rivers Highway
 City, State ZIP: Artesia, NM 88210
 Email: Wesley.Mathews@dvn.com

Work Order Comments
 Program: UST/PST PRP Brownfields RRC Superfund
 State of Project: Level II Level III PST/UST RRP Level IV
 Reporting Level: EDD ADaPT Other: _____
 Deliverables: _____

Project Name: Preacher 19 Federal #003H
 Project Number: 226005
 Project Location: Eddy Co. NM
 Sampler's Name: Jordan Tyrner
 PO #: 20750106

Turn Around: Routine Rush
 Due Date: 24hr
 TAT starts the day received by the lab, if received by 4:30pm

Temp Blank: Yes No
 Cooler Custody Seals: Yes No
 Sample Custody Seals: Yes No
 Total Containers: 19

Parameters: BTEX 8021B, TPH 8015M (GRO + DRO + MRO), Chloride 4500

Preservative Codes: None: NO, DI Water: H₂O, Cool: Cool, MeOH: Me, HCL: HC, HNO₃: HN, H₂SO₄: H₂, NaOH: Na, H₃PO₄: HP, NaHSO₄: NABIS, Na₂S₂O₃: NASO₃, Zn Acetate+NaOH: Zn, NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST	Sample Comments
CS-1 3'	11/16/2022		X		Comp	1	X	
CS-2 3'	11/16/2022		X		Comp	1	X	
CS-3 3'	11/16/2022		X		Comp	1	X	
CS-4 3'	11/16/2022		X		Comp	1	X	
CS-5 3'	11/16/2022		X		Comp	1	X	
CS-6 3'	11/16/2022		X		Comp	1	X	
CS-7 3'	11/16/2022		X		Comp	1	X	
CS-8 3'	11/16/2022		X		Comp	1	X	
CS-9 3'	11/16/2022		X		Comp	1	X	
CS-10 3'	11/16/2022		X		Comp	1	X	

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and 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 \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature) _____ Date/Time: 11-17-22 1333

Received by: (Signature) _____ Date/Time: _____



Chain of Custody

Work Order No: H225442

Page 2 of 2

Project Manager: Ethan Sessums
 Company Name: NTG Environmental
 Address: 402 E Wood Ave
 City, State ZIP: Carlsbad, NM 88220
 Phone: 254-266-5456

Bill to: (if different)
 Company Name: Wesley Mathews
 Address: 6488 Seven Rivers Highway
 City, State ZIP: Artesia, NM 88210
 Email: Wesley.Mathews@dmn.com

Work Order Comments
 Program: UST/PST PRP Brownfields RRC Superfund
 State of Project: Level II Level III PST/UST RRP Level IV
 Reporting Level: Level II Level III ADAPT Other:
 Deliverables: EDD

Project Name: Preacher 19 Federal #003H
 Project Number: 226005
 Project Location: Eddy Co. NM
 Sampler's Name: Jordan Tyner
 PO #: 20750106

Turn Around: Routine Rush
 Due Date: 24hr
 TAT starts the day received by the lab, if received by 4:30pm

Temp Blank: Yes No
 Thermometer ID: 113
 Correction Factor: -0.6%
 Cooler Custody Seals: Yes No
 Sample Custody Seals: Yes No
 Total Containers: 19

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters			Preservative Codes
							BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	
CS-11 3'	11/16/2022		X		Comp	1	X	X	X	
CS-12 3'	11/16/2022		X		Comp	1	X	X	X	
SW-1	11/16/2022		X		Comp	1	X	X	X	
SW-2	11/16/2022		X		Comp	1	X	X	X	
SW-3	11/16/2022		X		Comp	1	X	X	X	
SW-4	11/16/2022		X		Comp	1	X	X	X	
SW-5	11/16/2022		X		Comp	1	X	X	X	
SW-6	11/16/2022		X		Comp	1	X	X	X	
SW-7	11/16/2022		X		Comp	1	X	X	X	

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<u>[Signature]</u>	<u>[Signature]</u>	11-17-22 1333			



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

December 22, 2022

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

RE: PREACHER 19 FEDERAL #003H

Enclosed are the results of analyses for samples received by the laboratory on 12/15/22 16:10.

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

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2 Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2 Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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

Sincerely,

Celey D. Keene
Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: PREACHER 19 FEDERAL #003H Project Number: 226005 Project Manager: ETHAN SESSUMS Fax To:	Reported: 22-Dec-22 16:55
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Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CS - 5	H225937-01	Soil	13-Dec-22 00:00	15-Dec-22 16:10
CS - 7	H225937-02	Soil	13-Dec-22 00:00	15-Dec-22 16:10
CS - 11	H225937-03	Soil	13-Dec-22 00:00	15-Dec-22 16:10
CS - 12	H225937-04	Soil	13-Dec-22 00:00	15-Dec-22 16:10
SW - 8	H225937-05	Soil	13-Dec-22 00:00	15-Dec-22 16:10
SW - 9	H225937-06	Soil	13-Dec-22 00:00	15-Dec-22 16:10
SW - 10	H225937-07	Soil	13-Dec-22 00:00	15-Dec-22 16:10
SW - 11	H225937-08	Soil	13-Dec-22 00:00	15-Dec-22 16:10
SW - 12	H225937-09	Soil	13-Dec-22 00:00	15-Dec-22 16:10
SW - 13	H225937-10	Soil	13-Dec-22 00:00	15-Dec-22 16:10

12/22/22 - Client changed some of the sample IDs (see COC). This is the revised report and will replace the one sent on 12/16/22.

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: PREACHER 19 FEDERAL #003H Project Number: 226005 Project Manager: ETHAN SESSUMS Fax To:	Reported: 22-Dec-22 16:55
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**CS - 5
H225937-01 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Inorganic Compounds

Chloride	304		16.0	mg/kg	4	2121618	GM	16-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2121535	MS	15-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2121535	MS	15-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2121535	MS	15-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2121535	MS	15-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2121535	MS	15-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			115 %		69.9-140	2121535	MS	15-Dec-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2121537	MS	16-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2121537	MS	16-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2121537	MS	16-Dec-22	8015B	

Surrogate: 1-Chlorooctane			85.2 %		45.3-161	2121537	MS	16-Dec-22	8015B	
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Surrogate: 1-Chlorooctadecane			89.2 %		46.3-178	2121537	MS	16-Dec-22	8015B	
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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: PREACHER 19 FEDERAL #003H Project Number: 226005 Project Manager: ETHAN SESSUMS Fax To:	Reported: 22-Dec-22 16:55
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**CS - 7
H225937-02 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Inorganic Compounds

Chloride	176		16.0	mg/kg	4	2121618	GM	16-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2121535	MS	15-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2121535	MS	15-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2121535	MS	15-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2121535	MS	15-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2121535	MS	15-Dec-22	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			112 %	69.9-140		2121535	MS	15-Dec-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2121537	MS	16-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2121537	MS	16-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2121537	MS	16-Dec-22	8015B	

<i>Surrogate: 1-Chlorooctane</i>			107 %	45.3-161		2121537	MS	16-Dec-22	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			119 %	46.3-178		2121537	MS	16-Dec-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: PREACHER 19 FEDERAL #003H Project Number: 226005 Project Manager: ETHAN SESSUMS Fax To:	Reported: 22-Dec-22 16:55
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CS - 11

H225937-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	400		16.0	mg/kg	4	2121618	GM	16-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2121535	MS	15-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2121535	MS	15-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2121535	MS	15-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2121535	MS	15-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2121535	MS	15-Dec-22	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			112 %		69.9-140	2121535	MS	15-Dec-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2121537	MS	16-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2121537	MS	16-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2121537	MS	16-Dec-22	8015B	

<i>Surrogate: 1-Chlorooctane</i>			86.5 %		45.3-161	2121537	MS	16-Dec-22	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			92.6 %		46.3-178	2121537	MS	16-Dec-22	8015B	
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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: PREACHER 19 FEDERAL #003H Project Number: 226005 Project Manager: ETHAN SESSUMS Fax To:	Reported: 22-Dec-22 16:55
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CS - 12

H225937-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	304		16.0	mg/kg	4	2121618	GM	16-Dec-22	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2121535	MS	15-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2121535	MS	15-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2121535	MS	15-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2121535	MS	15-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2121535	MS	15-Dec-22	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			113 %		69.9-140	2121535	MS	15-Dec-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2121537	MS	16-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2121537	MS	16-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2121537	MS	16-Dec-22	8015B	

<i>Surrogate: 1-Chlorooctane</i>			108 %		45.3-161	2121537	MS	16-Dec-22	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			114 %		46.3-178	2121537	MS	16-Dec-22	8015B	
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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: PREACHER 19 FEDERAL #003H Project Number: 226005 Project Manager: ETHAN SESSUMS Fax To:	Reported: 22-Dec-22 16:55
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SW - 8

H225937-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	288		16.0	mg/kg	4	2121618	GM	16-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2121535	MS	15-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2121535	MS	15-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2121535	MS	15-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2121535	MS	15-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2121535	MS	15-Dec-22	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			113 %	69.9-140		2121535	MS	15-Dec-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2121537	MS	16-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2121537	MS	16-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2121537	MS	16-Dec-22	8015B	

<i>Surrogate: 1-Chlorooctane</i>			99.3 %	45.3-161		2121537	MS	16-Dec-22	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			107 %	46.3-178		2121537	MS	16-Dec-22	8015B	
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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: PREACHER 19 FEDERAL #003H Project Number: 226005 Project Manager: ETHAN SESSUMS Fax To:	Reported: 22-Dec-22 16:55
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SW - 9

H225937-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	544		16.0	mg/kg	4	2121618	GM	16-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2121535	MS	15-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2121535	MS	15-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2121535	MS	15-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2121535	MS	15-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2121535	MS	15-Dec-22	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			112 %		69.9-140	2121535	MS	15-Dec-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2121537	MS	16-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2121537	MS	16-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2121537	MS	16-Dec-22	8015B	

<i>Surrogate: 1-Chlorooctane</i>			130 %		45.3-161	2121537	MS	16-Dec-22	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			146 %		46.3-178	2121537	MS	16-Dec-22	8015B	
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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: PREACHER 19 FEDERAL #003H Project Number: 226005 Project Manager: ETHAN SESSUMS Fax To:	Reported: 22-Dec-22 16:55
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SW - 10

H225937-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	96.0		16.0	mg/kg	4	2121618	GM	16-Dec-22	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2121535	MS	15-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2121535	MS	15-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2121535	MS	15-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2121535	MS	15-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2121535	MS	15-Dec-22	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			114 %	69.9-140		2121535	MS	15-Dec-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2121537	MS	16-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2121537	MS	16-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2121537	MS	16-Dec-22	8015B	

<i>Surrogate: 1-Chlorooctane</i>			130 %	45.3-161		2121537	MS	16-Dec-22	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			139 %	46.3-178		2121537	MS	16-Dec-22	8015B	
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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: PREACHER 19 FEDERAL #003H Project Number: 226005 Project Manager: ETHAN SESSUMS Fax To:	Reported: 22-Dec-22 16:55
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**SW - 11
H225937-08 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	256		16.0	mg/kg	4	2121618	GM	16-Dec-22	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2121535	MS	15-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2121535	MS	15-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2121535	MS	15-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2121535	MS	15-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2121535	MS	15-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			112 %	69.9-140		2121535	MS	15-Dec-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2121537	MS	16-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2121537	MS	16-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2121537	MS	16-Dec-22	8015B	

Surrogate: 1-Chlorooctane			132 %	45.3-161		2121537	MS	16-Dec-22	8015B	
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Surrogate: 1-Chlorooctadecane			145 %	46.3-178		2121537	MS	16-Dec-22	8015B	
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Analytical Results For:

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

Project: PREACHER 19 FEDERAL #003H
Project Number: 226005
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
22-Dec-22 16:55

SW - 12**H225937-09 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	352		16.0	mg/kg	4	2121618	GM	16-Dec-22	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2121535	MS	15-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2121535	MS	15-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2121535	MS	15-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2121535	MS	15-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2121535	MS	15-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			115 %	69.9-140		2121535	MS	15-Dec-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2121537	MS	16-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2121537	MS	16-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2121537	MS	16-Dec-22	8015B	

Surrogate: 1-Chlorooctane			103 %	45.3-161		2121537	MS	16-Dec-22	8015B	
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Surrogate: 1-Chlorooctadecane			115 %	46.3-178		2121537	MS	16-Dec-22	8015B	
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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: PREACHER 19 FEDERAL #003H Project Number: 226005 Project Manager: ETHAN SESSUMS Fax To:	Reported: 22-Dec-22 16:55
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SW - 13

H225937-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	80.0		16.0	mg/kg	4	2121618	GM	16-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2121535	MS	15-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2121535	MS	15-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2121535	MS	15-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2121535	MS	15-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2121535	MS	15-Dec-22	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			114 %	69.9-140		2121535	MS	15-Dec-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2121537	MS	16-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2121537	MS	16-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2121537	MS	16-Dec-22	8015B	

<i>Surrogate: 1-Chlorooctane</i>			106 %	45.3-161		2121537	MS	16-Dec-22	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			119 %	46.3-178		2121537	MS	16-Dec-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: PREACHER 19 FEDERAL #003H Project Number: 226005 Project Manager: ETHAN SESSUMS Fax To:	Reported: 22-Dec-22 16:55
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Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2121618 - 1:4 DI Water										
Blank (2121618-BLK1)										
Chloride	ND	16.0	mg/kg							Prepared & Analyzed: 16-Dec-22
LCS (2121618-BS1)										
Chloride	400	16.0	mg/kg	400		100	80-120			Prepared & Analyzed: 16-Dec-22
LCS Dup (2121618-BSD1)										
Chloride	432	16.0	mg/kg	400		108	80-120	7.69	20	

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Analytical Results For:

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

Project: PREACHER 19 FEDERAL #003H
Project Number: 226005
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
22-Dec-22 16:55

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2121535 - Volatiles**Blank (2121535-BLK1)**

Prepared & Analyzed: 15-Dec-22

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0553		mg/kg	0.0500		111	69.9-140			

LCS (2121535-BS1)

Prepared & Analyzed: 15-Dec-22

Benzene	2.16	0.050	mg/kg	2.00		108	83.4-122			
Toluene	2.23	0.050	mg/kg	2.00		112	84.2-126			
Ethylbenzene	2.25	0.050	mg/kg	2.00		112	84.2-121			
m,p-Xylene	4.61	0.100	mg/kg	4.00		115	89.9-126			
o-Xylene	2.15	0.050	mg/kg	2.00		108	84.3-123			
Total Xylenes	6.76	0.150	mg/kg	6.00		113	89.1-124			
Surrogate: 4-Bromofluorobenzene (PID)	0.0525		mg/kg	0.0500		105	69.9-140			

LCS Dup (2121535-BS1)

Prepared & Analyzed: 15-Dec-22

Benzene	2.09	0.050	mg/kg	2.00		105	83.4-122	3.38	12.6	
Toluene	2.14	0.050	mg/kg	2.00		107	84.2-126	4.36	13.3	
Ethylbenzene	2.16	0.050	mg/kg	2.00		108	84.2-121	4.02	13.9	
m,p-Xylene	4.44	0.100	mg/kg	4.00		111	89.9-126	3.83	13.6	
o-Xylene	2.12	0.050	mg/kg	2.00		106	84.3-123	1.56	14.1	
Total Xylenes	6.56	0.150	mg/kg	6.00		109	89.1-124	3.10	13.4	
Surrogate: 4-Bromofluorobenzene (PID)	0.0528		mg/kg	0.0500		106	69.9-140			

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: PREACHER 19 FEDERAL #003H Project Number: 226005 Project Manager: ETHAN SESSUMS Fax To:	Reported: 22-Dec-22 16:55
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Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2121537 - General Prep - Organics

Blank (2121537-BLK1)		Prepared: 15-Dec-22 Analyzed: 16-Dec-22								
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	50.5		mg/kg	50.0		101	45.3-161			
Surrogate: 1-Chlorooctadecane	54.6		mg/kg	50.0		109	46.3-178			

LCS (2121537-BS1)		Prepared: 15-Dec-22 Analyzed: 16-Dec-22								
GRO C6-C10	197	10.0	mg/kg	200		98.5	76.8-124			
DRO >C10-C28	178	10.0	mg/kg	200		88.8	74.9-127			
Total TPH C6-C28	375	10.0	mg/kg	400		93.7	77.5-124			
Surrogate: 1-Chlorooctane	45.7		mg/kg	50.0		91.5	45.3-161			
Surrogate: 1-Chlorooctadecane	53.6		mg/kg	50.0		107	46.3-178			

LCS Dup (2121537-BSD1)		Prepared: 15-Dec-22 Analyzed: 16-Dec-22								
GRO C6-C10	265	10.0	mg/kg	200		132	76.8-124	29.3	17.2	BS-3, QR-04
DRO >C10-C28	237	10.0	mg/kg	200		118	74.9-127	28.5	18.6	QR-04
Total TPH C6-C28	501	10.0	mg/kg	400		125	77.5-124	28.9	17.6	BS-3, QR-04
Surrogate: 1-Chlorooctane	63.3		mg/kg	50.0		127	45.3-161			
Surrogate: 1-Chlorooctadecane	68.9		mg/kg	50.0		138	46.3-178			

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Notes and Definitions

- QR-04 The RPD for the BS/BSD was outside of historical limits.
BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No: HA25937

Page 1 of 1

Page 17 of 17

Project Manager: Ethan Sessums
 Company Name: NTG Environmental
 Address: 402 E Wood Ave
 City, State ZIP: Carlsbad, NM 88220
 Phone: 254-266-5456

Bill to: (if different)
 Company Name: Wesley Matthews
 Address: 6488 Seven Rivers Highway
 City, State ZIP: Artesia, NM 88210
 Email: Wesley.Matthews@dvn.com

Work Order Comments
 Program: UST/PST
 PRP Brownfields RRC Superfund
 State of Project: Level I Level II Level III Level IV
 Reporting Level: Level I Level II Level III Level IV
 Deliverables: EDD ADAPT Other:

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters			Preservative Codes
							BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	
CS-5	12/13/2022		X		Comp	1	X	X	X	None: NO Cool: Cool HCL: HC H ₂ SO ₄ : H ₂ H ₃ PO ₄ : HP NAHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
CS-7	12/13/2022		X		Comp	1	X	X	X	
CS-11	12/13/2022		X		Comp	1	X	X	X	
CS-12	12/13/2022		X		Comp	1	X	X	X	
SW-18 *	12/13/2022		X		Comp	1	X	X	X	
SW-19	12/13/2022		X		Comp	1	X	X	X	
SW-10	12/13/2022		X		Comp	1	X	X	X	
SW-11	12/13/2022		X		Comp	1	X	X	X	
SW-12	12/13/2022		X		Comp	1	X	X	X	
SW-13	12/13/2022		X		Comp	1	X	X	X	

Additional Comments: * Customer Requested Sample Id Changes. To. 12/12/22

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 \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720

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 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 210566

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 210566
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jharimon	None	9/14/2023