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

August 23, 2022

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

Re: Closure Report
Flagler 8 Federal #007H
Devon Energy Production Company
Site Location: Unit N, S08, T25S, R33E
(Lat 32.1383495º, Long -103.5947303º)
Lea County, New Mexico
Incident ID: nAPP2136542269

Mr. Bratcher:

On behalf of Devon Energy Production Company (Devon), New Tech Global Environmental, LLC (NTGE) has prepared this letter to document site assessment and remedial action activities at the Flagler 8 Federal #007H(Site). The Site is located approximately 23 miles west of Jal, New Mexico in Lea County (Figures 1 and 2).

Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on December 30, 2021. The release was a result of equipment failure which resulted in the release of approximately 48.28 barrels (bbls) of produced water of which 45 bbls where recovered. Upon discovery, the well was shut-in and area was secured. The release is shown on Figure 3. The initial C-141 form is attached.

Site Characterization

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, there are no known water sources within a ½ mile radius of the location. The nearest identified well is located 1.94 miles north of the Site in, Sec 05 T25S R33E. The well was drilled in 2013 and the reported depth to groundwater is 118.81 feet below ground surface (ft bgs). A site characterization information and the associated USGS summary report is attached.

Regulatory Criteria

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

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

Site Assessment

On March 31, 2022, NTGE conducted site assessment activities to assess the horizontal and vertical extent of impacts at the Site. A total of four sample points (S-1 through S-4) were installed within the release area to characterize the impacts. Additionally, four horizontal delineation sample points (H-1 through H-4) were installed to define the extent of impacts. Soil samples were in 0.5 to 1 ft depth intervals and collected from depths ranging from 0 – 3.5 ft bgs with a geotechnical hand auger. The hand auger was decontaminated with Alconox and deionized water between soil borings to prevent cross-contamination. Sample locations are shown on Figure 3.

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

Analytical results identified elevated TPH and/or chloride concentrations across the release area. Soil impacts were identified at 3.5 ft bgs in the area of S-4 and 1 ft bgs in S-1, S-2 and 1.5 ft bgs in S-3. Further delineation efforts will be conducted during excavation activities to help characterize the vertical extent of impact. Analytical results from the horizontal delineation indicated sample points H-1, H-2, H-3 and H-4 were below the regulatory limit for all analytes.

Remedial Action Activities and Confirmation Sampling

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

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

The soils were field screened during excavation activities to aide in determining final excavation depths, primarily in the areas of S-3 and S-4 where the vertical and delineation of impacts was not achieved during site assessment activities. A total of 20 composite confirmation samples were collected from the excavation base (CS-1 - CS-20) and 10 composite confirmation samples were collected from the excavation sidewalls (SW-1 - SW-10) to ensure impacted soil was removed.

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

Area CS-10 was excavated to a depth of three ft bgs. and a sampling notification was submitted to the OCD notifying them of additional confirmation sampling being conducted on July 27, 2022. One additional confirmation sample (CS-10) was collected at the new depth of three ft bgs and four sidewall confirmation samples were collected (SW-11 to SW-14) to characterize the horizontal extent of impact. Analytical results indicated that SW-13 exhibited chloride concentrations over the regulatory limits and the area would require further excavation.

The sidewall where confirmation sample SW-13 was collected was excavated an additional ten feet. A sampling notification was submitted to the OCD notifying them of additional confirmation sampling being conducted on August 4, 2022. On August 4, 2022, one confirmation sample (CS-21) was

collected on the newly opened base and one sidewall (SW-15) was collected to reassess the sidewall's new location. The final excavation extent and confirmation sample locations are shown on Figure 4. Analytical results of the confirmation samples are included in Table 1. The confirmation samples were collected from areas representing no greater than 200 square feet and analyzed for TPH (EPA method 8015 modified), BTEX (EPA Method 8021B), and chloride (method SM4500Cl-B and 300.0). Following receipt of the analytical results the area was backfilled and graded to a near natural state.

Closing

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

Sincerely,
NTG Environmental

Ethan Sessums
Project Manager

Attachments:

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

Ethan Sessums

From: Ethan Sessums
Sent: Monday, May 16, 2022 10:00 AM
To: New Mexico OCD
Subject: Sampling Notification

We will be confirmation sampling at the Flagler 8 7H on behalf of Devon on 5.18.22 around 9 am MDT.

32.139475, -103.595032

Ethan Sessums
Project Scientist
NTGE New Mexico
402 E Wood Ave, Carlsbad, NM 88220
M: (254)-266-5456 W: (432)-7012159
Email: esessums@ntglobal.com

Ethan Sessums

From: Ethan Sessums
Sent: Monday, July 25, 2022 4:20 PM
To: New Mexico OCD
Cc: Jordan Tyner
Subject: 48hr ReSampling Event

We will be collecting confirmation samples at the below mentioned site on Wednesday the 27th around 3 o'clock MST on behalf of Devon.

nAPP2136542269	Flagler 8 Fed 7H	12/30/2021

Ethan Sessums
Environmental Scientist
NTGE New Mexico
402 E Wood Ave, Carlsbad, NM 88220
M: (254)-266-5456 W: (432)-701-2159
Email: esessums@ntglobal.com

Ethan Sessums

From: Ethan Sessums
Sent: Tuesday, August 2, 2022 7:27 AM
To: New Mexico OCD
Cc: Jordan Tyner
Subject: Sampling event

We will be collecting confirmation samples at the below mentioned site on August 4th 2022 around 8 a.m. MST on behalf of Devon.

nAPP2136542269	Flagler 8 Fed 7H	12/30/2021

Ethan Sessums
Environmental Scientist
NTGE New Mexico
402 E Wood Ave, Carlsbad, NM 88220
M: (254)-266-5456 W: (432)-701-2159
Email: esessums@ntglobal.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)

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

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release?
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

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

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

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

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

Printed Name: _____ Title: _____

Signature: Kendra DeHoyos Date: _____

email: _____ Telephone: _____

OCD Only

Received by: Ramona Marcus Date: 1/14/2022

Incident ID	NAPP2136542269
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?	118.81' (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☒ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☒ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☒ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☒ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☒ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☒ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☐ Yes ☒ No

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

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

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

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

Form C-141
Page 4

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2136542269
District RP	
Facility ID	
Application ID	

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

Printed Name: Wesley Mathews Title: EHS Professional

Signature: Wesley Mathews Date: 9/29/2022

email: Wesley.Mathews@dvn.com Telephone: _____

OCD Only

Received by: Jocelyn Harimon Date: 09/30/2022

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2136542269
District RP	
Facility ID	
Application ID	

Remediation Plan

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

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

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

☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.

☐ Extents of contamination must be fully delineated.

☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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

Printed Name: Wesley Mathews Title: EHS Professional

Signature: Wesley Mathews Date: 9/29/2022

email: Wesley.Mathews@dvn.com Telephone: _____

OCD Only

Received by: Jocelyn Harimon Date: 09/30/2022

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

Signature: _____ Date: _____

Incident ID	NAPP2136542269
District RP	
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

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

☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC

☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

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

☒ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Wesley Mathews Title: EHS Professional

Signature: Wesley Mathews Date: 9/29/2022

email: Wesley.Mathews@dvn.com Telephone:

OCD Only

Received by: Jocelyn Harimon Date: 09/30/2022

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

Closure Approved by: Jennifer Nobui Date: 10/03/2022

Printed Name: Jennifer Nobui Title: Environmental Specialist A

NAPP2136542269

Spill Volume(Bbls) Calculator *Inputs in blue, Outputs in red*	
Contaminated Soil measurement	
Area (square feet)	Depth(inches)
5119.107	0.500
Cubic Feet of Soil Impacted	213.296
Barrels of Soil Impacted	38.02
Soil Type	Clay/Sand
Barrels of Oil Assuming 100% Saturation	5.70
Saturation	Fluid present with shovel/backhoe
Estimated Barrels of Oil Released	5.70
Free Standing Fluid Only	
Area (square feet)	Depth(inches)
5119.107	0.560
Standing fluid	42.583
Total fluids spilled	**48.286**

SITE CHARACTERIZATION INFORMATION

Devon - Flagler 8 Fed 7H
Sec 08 T25S R33E Unit N
32.1383495Â°, -103.5947303Â°
Lea County, New Mexico

Site Characterization
-0 water features within specified distances of 1/2 mile radius

-Low Karst

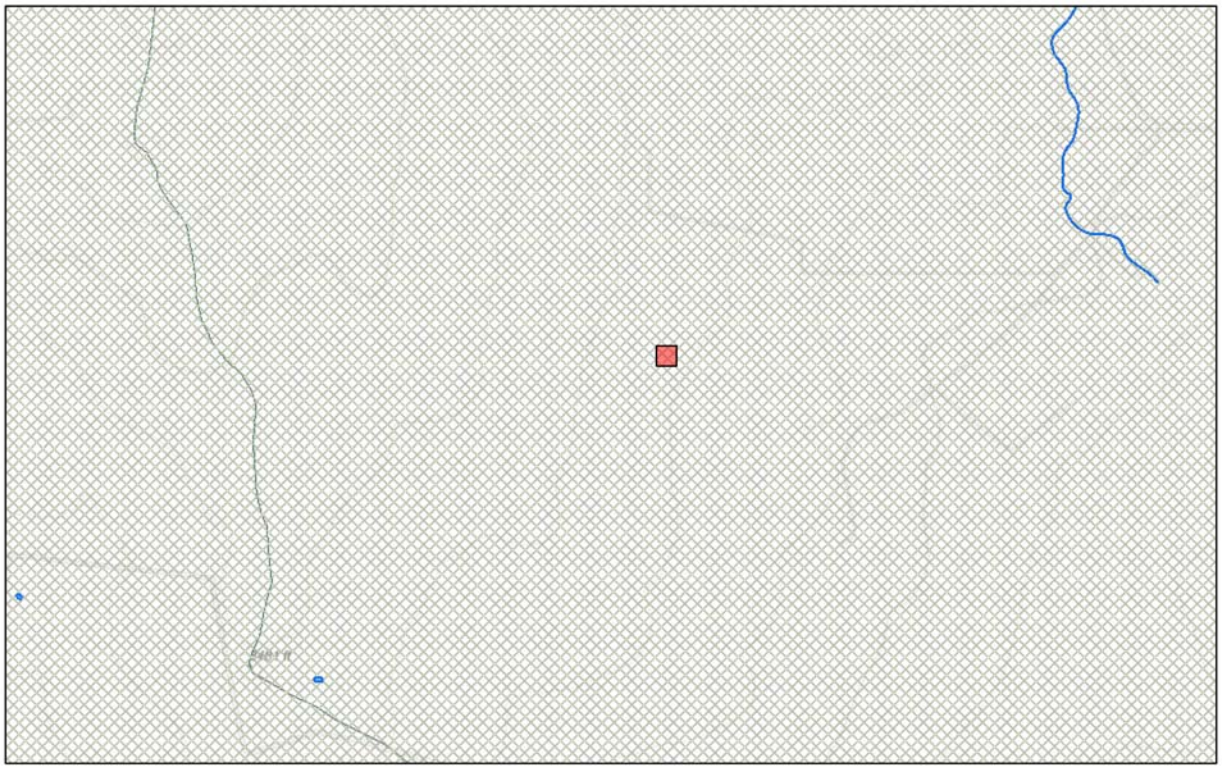
-NMSEO Groundwater is 90' below surface, 1.96 miles North of the site, 1948 Drilled, Sec 05 T25S R33E
-USGS Groundwater is 118.81' below surface, 1.94 miles North of the site, 2013 Drilled, Sec 05 T25S R33E
-USGS Groundwater is 204.36' below surface, 2.01 miles South of the site, 1981 Drilled, Sec 20 T25S R33E

RRALs due to insufficient groundwater data
-Chlorides 600 mg/kg
-TPH GRO+DRO+MRO 100 mg/kg
-BTEX 50 mg/kg
-Benzene 10 mg/kg

Nearest Water Wells

Devon Energy
Eddy County, NM
Site Coordinates: 32.1383495, -103.5947303

New Mexico NFHL Data



April 4, 2022

1:36,112

0 0.25 0.5 1 mi

0 0.4 0.8 1.6 km

FEMA, Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey,

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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**	**Tws**	**Rng**	**X**	**Y**
NA	C 02312	1	2	1	05	25S	33E	632292	3559772

Driller License:		**Driller Company:**			
Driller Name:	UNKNOWN				
Drill Start Date:	01/01/1948	**Drill Finish Date:**	06/30/1948	**Plug Date:**	
Log File Date:		**PCW Rcv Date:**		**Source:**	
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	20 GPM
Casing Size:	6.38	**Depth Well:**	150 feet	**Depth Water:**	90 feet

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-basin Code	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 02312	CUB	LE	1	2	1	05	25S	33E	632292	3559772	3146	150	90	60
C 02311	CUB	LE	2	3	2	33	24S	33E	634391	3560877	4627	120	70	50
C 02310	CUB	LE	2	4	2	33	24S	33E	634420	3560893	4653	120	70	50
C 02563	CUB	LE	1	4	2	33	24S	33E	634639	3560923*	4773	120		
C 02564	CUB	LE	2	4	2	33	24S	33E	634839	3560923*	4864	120		

Average Depth to Water: **76 feet**

Minimum Depth: **70 feet**

Maximum Depth: **90 feet**

Record Count: 5

UTMNAD83 Radius Search (in meters):

Easting (X): 632541.35 **Northing (Y):** 3556635.62 **Radius:** 5000

***UTM location was derived from PLSS - see Help**

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status

Groundwater | New Mexico | GO

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- Full News

Groundwater levels for New Mexico

Click to hide state-specific text

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

Agency code = usgs
site_no list =
- 320956103353801

Minimum number of levels = 1
Save file of selected sites to local disk for future upload

USGS 320956103353801 25S.33E.05.12122

Lea County, New Mexico
Latitude 32°09'59.4", Longitude 103°35'47.2" NAD83
Land-surface elevation 3,473.00 feet above NGVD29
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Santa Rosa Sandstone (231SNRS) local aquifer.

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
1981-03-25		D	62610		3365.17	NGVD29	1	Z			A
1981-03-25		D	62611		3366.84	NAVD88	1	Z			A
1981-03-25		D	72019	107.83			1	Z			A
1986-03-12		D	62610		3363.66	NGVD29	1	Z			A
1986-03-12		D	62611		3365.33	NAVD88	1	Z			A
1986-03-12		D	72019	109.34			1	Z			A
1991-06-06		D	62610		3365.42	NGVD29	1	Z			A
1991-06-06		D	62611		3367.09	NAVD88	1	Z			A
1991-06-06		D	72019	107.58			1	Z			A
1996-03-07		D	62610		3364.11	NGVD29	P	S			A
1996-03-07		D	62611		3365.78	NAVD88	P	S			A
1996-03-07		D	72019	108.89			P	S			A
2013-01-17	16:00 UTC	m	62610		3354.19	NGVD29	P	S	USGS	S	A
2013-01-17	16:00 UTC	m	62611		3355.86	NAVD88	P	S	USGS	S	A
2013-01-17	16:00 UTC	m	72019	118.81			P	S	USGS	S	A

Explanation

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status

Method of measurement	Z	Other.
Measuring agency		Not determined
Measuring agency	USGS	U.S. Geological Survey
Source of measurement		Not determined
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	A	Approved for publication -- Processing and review completed.

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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.
- Full News

Groundwater levels for New Mexico

Click to hide state-specific text

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

Agency code = usgs
site_no list =
- 320631103351401

Minimum number of levels = 1
Save file of selected sites to local disk for future upload

USGS 320631103351401 25S.33E.20.443313

Lea County, New Mexico
Latitude 32°06'31", Longitude 103°35'14" NAD27
Land-surface elevation 3,398 feet above NAVD88
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Chinle Formation (231CHNL) local aquifer.

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
1981-03-25		D	62610		3192.01	NGVD29	1	Z			A
1981-03-25		D	62611		3193.64	NAVD88	1	Z			A
1981-03-25		D	72019	204.36			1	Z			A

Explanation

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

Subscribe for system changes
News

Title: Groundwater for New Mexico: Water Levels
URL: https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?

Page Contact Information: New Mexico Water Data Maintainer
Page Last Modified: 2022-04-04 19:52:24 EDT
0.27 0.23 nadww01

TABLES

Table 1
Devon Energy
Flager 8 Fed 7H
Lea County, New Mexico

Sample ID	Date	Sample Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			DRO	GRO	MRO	Total						
S-1	3/31/2022	0.5-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**16.0**
S-2	3/31/2022	0.5-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**64.0**
S-3	3/31/2022	1-1.5	**190**	<10.0	26.9	**216.9**	<0.050	<0.050	<0.050	<0.150	<0.300	**2,000**
S-4	3/31/2022	3.-3.5	**139**	<10.0	12.1	**151.1**	<0.050	<0.050	<0.050	<0.150	<0.300	**800**
H-1	3/31/2022	Surface	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**48.0**
H-2	3/31/2022	Surface	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**80.0**
H-3	3/31/2022	Surface	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**32.0**
H-4	3/31/2022	Surface	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**64.0**
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

NTGE Project No. 225512

Perpared By: NTG ENVIRONMENTAL

Table 1
Devon Energy
Flager 8 Fed 7H
Lea County, New Mexico

Sample ID	Date	Sample Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chlorides (mg/kg)
			DRO	GRO	MRO	Total						
CS-1	5/18/2022	2.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	**21.2**
CS-2	5/18/2022	2.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**20.5**
CS-3	5/18/2022	2.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**20.0**
CS-4	5/18/2022	2.0	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	**24.9**
	7/27/2022	3.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	**538**
CS-5	5/18/2022	2.0	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**25.5**
	7/27/2022	3.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**520**
CS-6	5/18/2022	2.0	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	**362**
CS-7	5/18/2022	2.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**24.0**
CS-8	5/18/2022	2.0	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	**34.6**
CS-9	5/18/2022	2.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	**29.6**
CS-10	5/18/2022	2.0	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	**767**
	7/27/2022	3.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**520**
CS-11	5/18/2022	3.0	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**163**
CS-12	5/18/2022	3.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	**138**
CS-13	5/18/2022	3.0	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	**133**
Regulatory Limits [A]						**100 mg/kg**	**10 mg/kg**				**50 mg/kg**	**600 mg/kg**

NTGE Project No. 225512

Perpared By: NTG ENVIRONMENTAL

Table 1
Devon Energy
Flager 8 Fed 7H
Lea County, New Mexico

Sample ID	Date	Sample Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chlorid (mg/kg)
			DRO	GRO	MRO	Total						
CS-14	5/18/2022	3.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**134**
CS-15	5/18/2022	3.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	**125**
CS-16	5/18/2022	3.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**126**
CS-17	5/18/2022	3.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	**129**
CS-18	5/18/2022	3.0	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	**119**
CS-19	5/18/2022	5.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	**447**
CS-20	5/18/2022	5.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	**354**
CS-21	7/27/2022	3.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**538**
SW-1	5/18/2022	-	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	**19.8**
SW-2	5/18/2022	-	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	**18.7**
SW-3	5/18/2022	-	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	**9.11**
SW-4	5/18/2022	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	**24.0**
SW-5	5/18/2022	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**22.5**
SW-6	5/18/2022	-	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	**10.5**
SW-7	5/18/2022	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**13.4**
SW-8	5/18/2022	-	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	**19.9**
SW-9	5/18/2022	-	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**22.3**
SW-10	5/18/2022	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	**19.7**
SW-11	7/27/2022	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**222**
SW-12	7/27/2022	-	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	**475**
SW-13	7/27/2022	-	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	**3680**
SW-14	7/27/2022	-	<10.0	<10.0	<10.0	<10.0	<50.0	<50.0	<50.0	<0.150	<0.300	<4.96
SW-15	8/4/2022	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	**134**
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

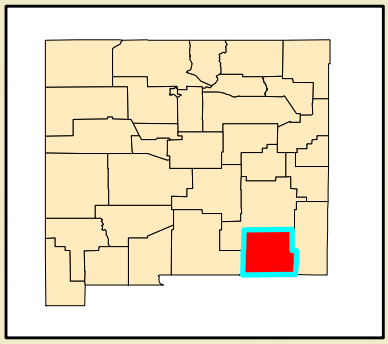
TPH- total petroleum hydrocarbons

ft-feet

Perpared By: NTG ENVIRONMENTAL

NTGE Project No. 225512

FIGURES



Flagler
8 Fed 7H

Miles
0 0.5 1 1.5 2

LEGEND

Site

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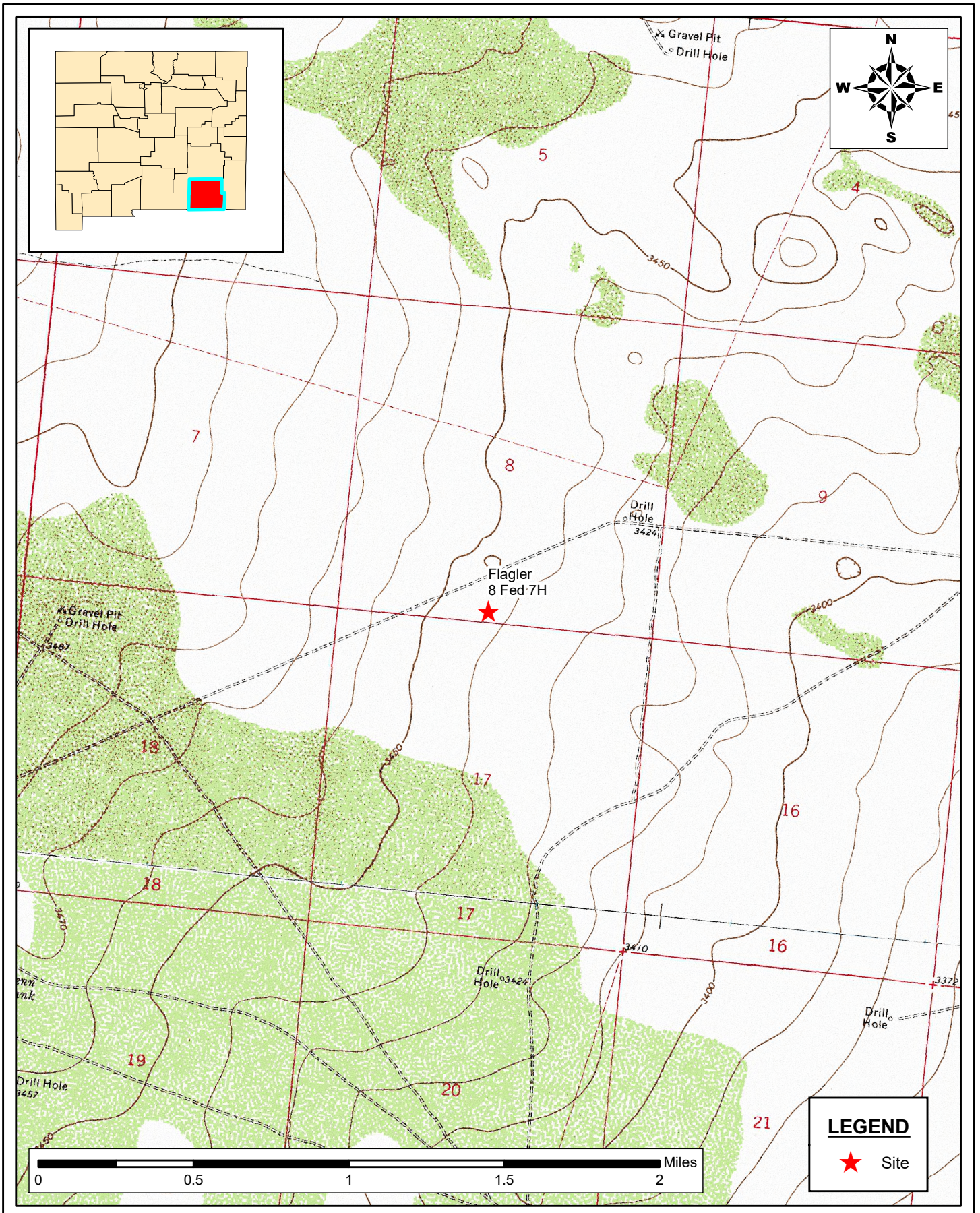
SITE LOCATION MAP
SITE ASSESSMENT REPORT
FLAGLER 8 FED 7H DEVON. LLC
LEA COUNTY, NEW MEXICO

SCALE: AS SHOWN	DATE: 04/08/2022	PROJECT #: 225512

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 2017
2. Map Projection: NAD 1983

DRAWING NUMBER:
FIGURE 1
SHEET NUMBER:
1 of 1



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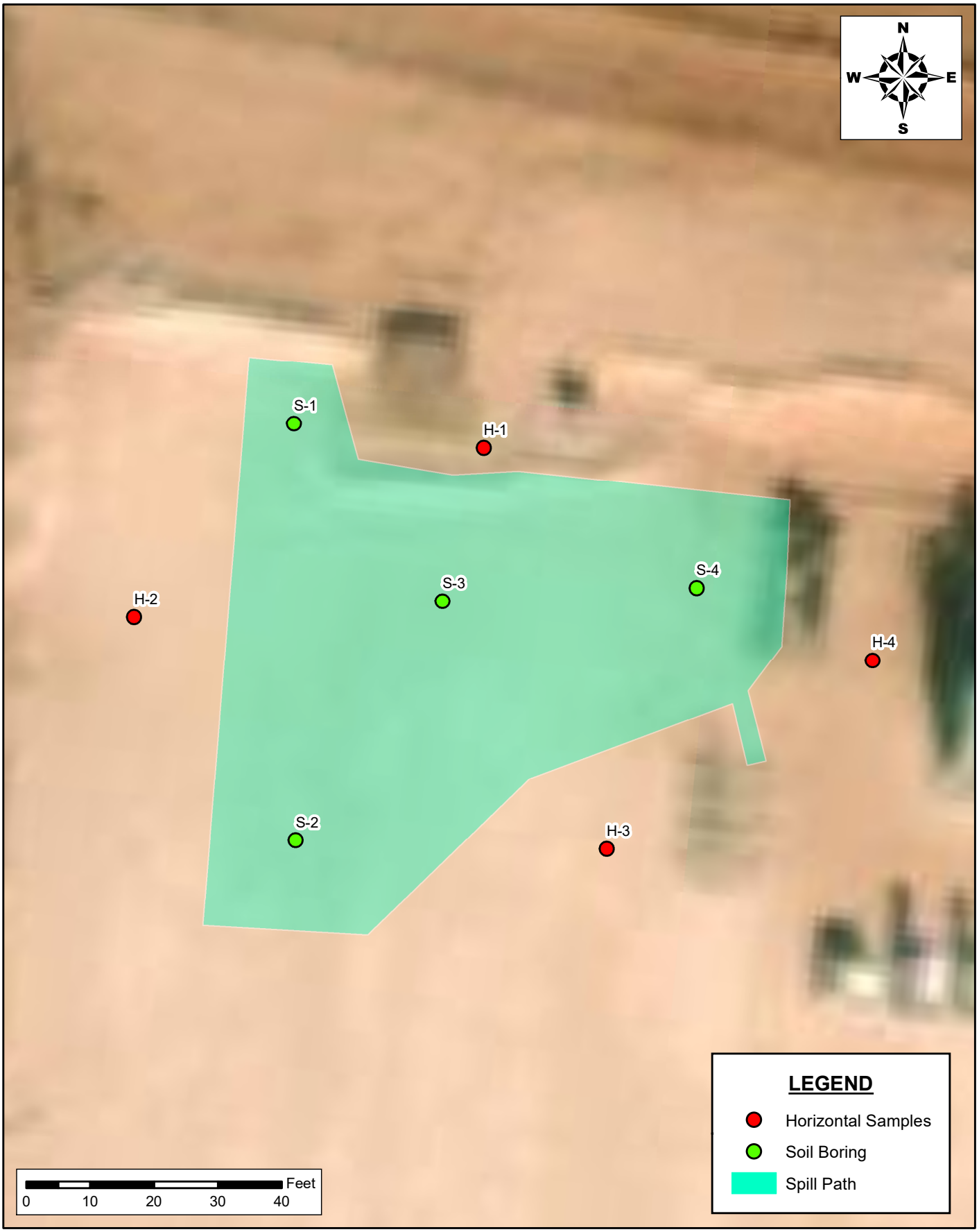
SITE LOCATION MAP
SITE ASSESSMENT REPORT
FLAGLER 8 FED 7H
DEVON. LLC
LEA COUNTY, NEW MEXICO

SCALE: AS SHOWN	DATE: 04/08/2022	PROJECT #: 225512

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 2017
2. Map Projection: NAD 1983

DRAWING NUMBER:
FIGURE 2
SHEET NUMBER:
1 of 1



SITE LOCATION MAP
SITE ASSESSMENT REPORT
FLAGER 8 FED 7H
DEVON. LLC
LEA COUNTY, NEW MEXICO

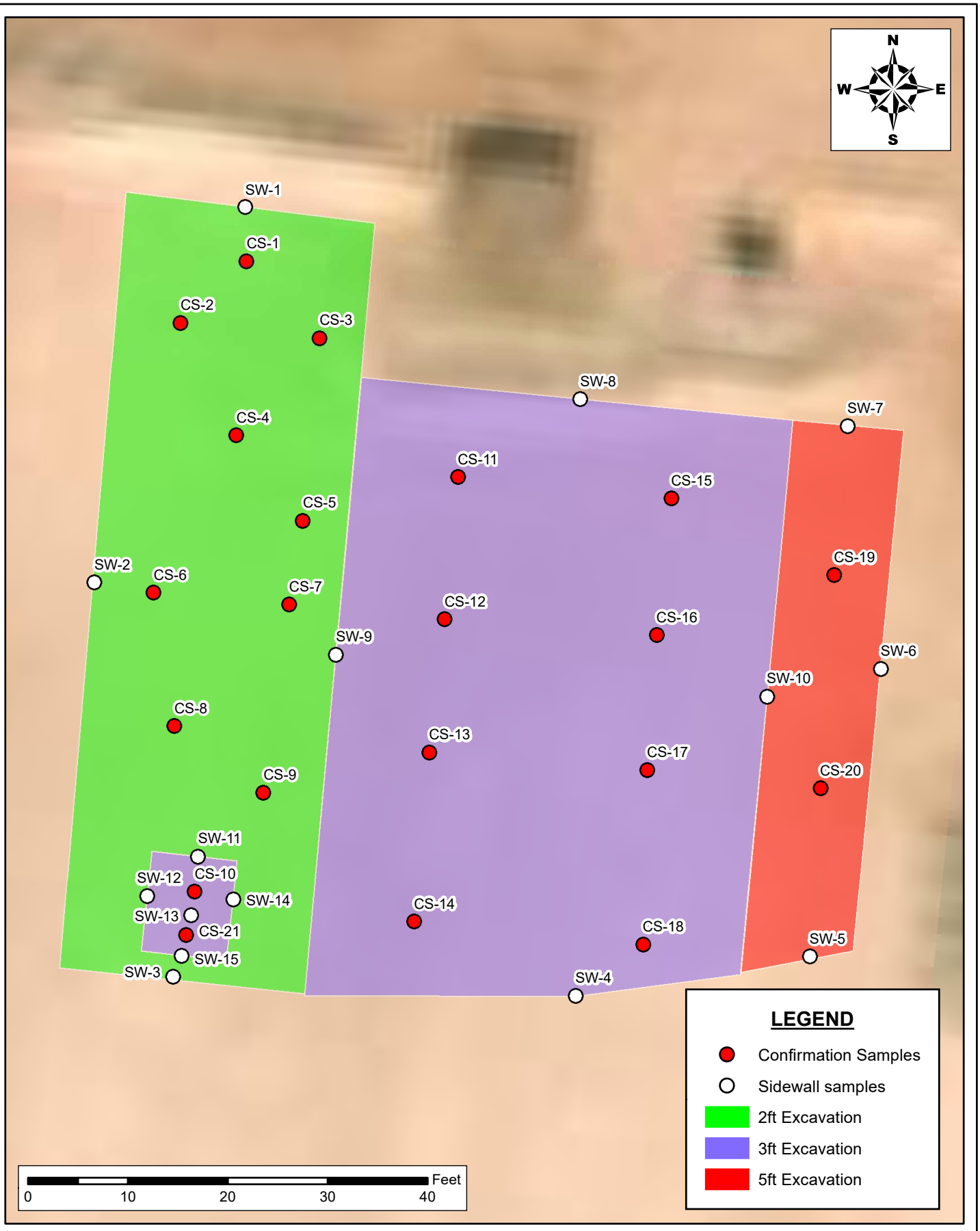
SCALE: AS SHOWN | DATE: 04/08/2022 | PROJECT #: 225512

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 2017
2. Map Projection: NAD 1983

DRAWING NUMBER:
FIGURE 3
SHEET NUMBER:
1 of 1

Document Path: P:\2022 PROJECTS\DEVON\RSC\225512 - Flagler 8 Fed 7H\7- Figures\GIS\225512 Figure 3.mxd



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Confirmation Map
FLAGER 8 FED 7H
DEVON. LLC
LEA COUNTY, NEW MEXICO

SCALE: AS SHOWN	DATE: 08/25/2022	PROJECT #: 225512

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 2017
2. Map Projection: NAD 1983

DRAWING NUMBER:
FIGURE 4
SHEET NUMBER:
1 of 1

PHOTOGRAPHIC LOG

PHOTOGRAPHIC LOG

Devon Energy Production Company

Photograph No. 1

Facility: Flagler 8 Fed 7H

County: Lea County, New Mexico

Description:
View Northwest, View of Staining

Photograph No. 2

Facility: Flagler 8 Fed 7H

County: Lea County, New Mexico

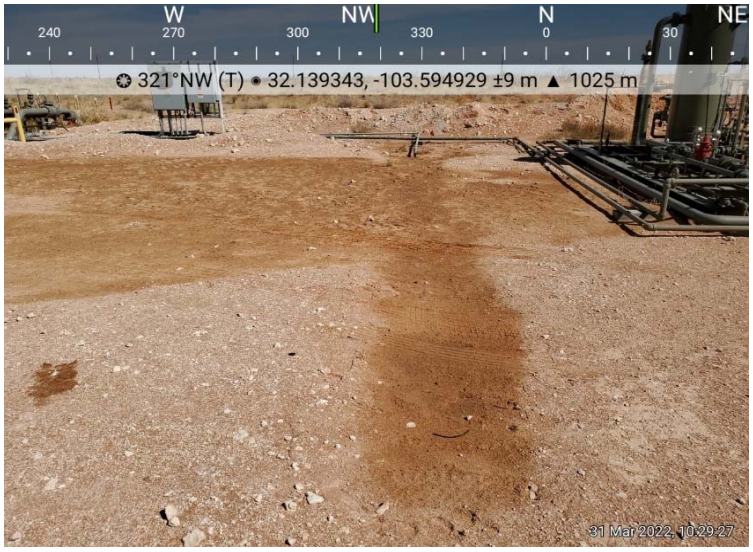
Description:
View Northwest to North, View of Staining

Photograph No. 3

Facility: Flagler 8 Fed 7H

County: Lea County, New Mexico

Description:
View Northwest, View of Staining



PHOTOGRAPHIC LOG

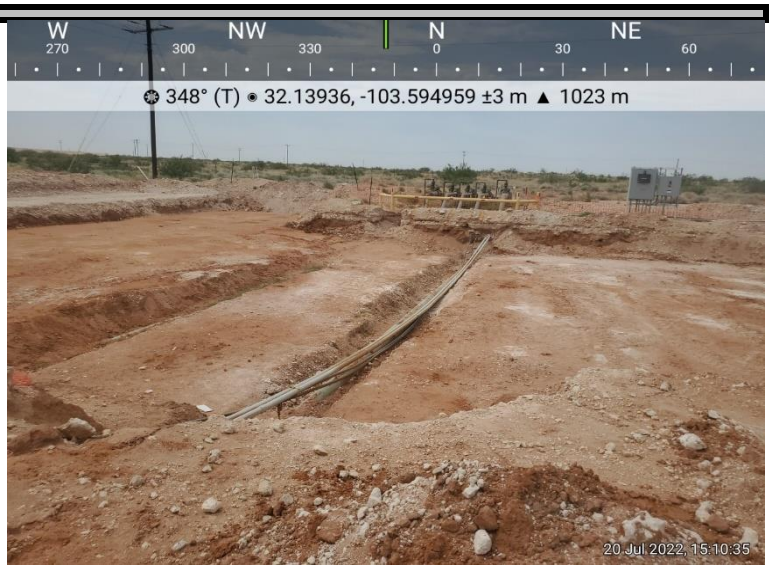
Devon Energy Production Company

Photograph No. 4

Facility: Flagler 8 Fed 7H

County: Lea County, New Mexico

Description:
View North, of excavation.

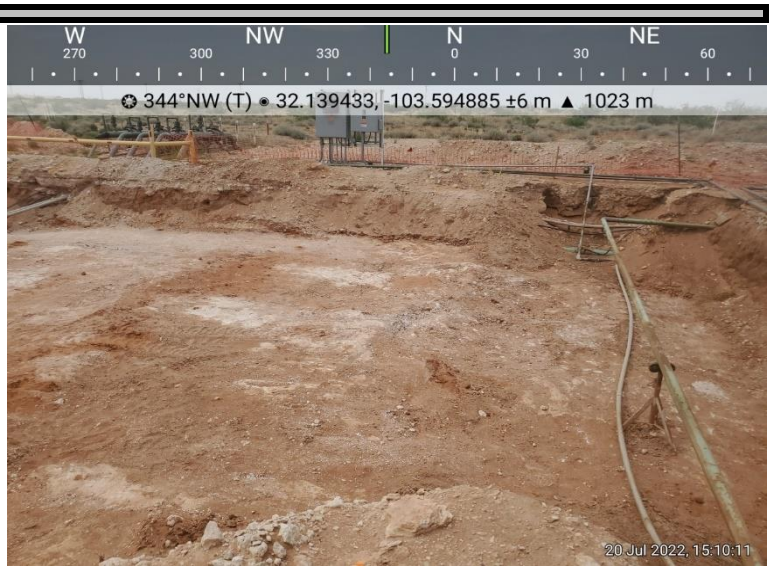


Photograph No. 5

Facility: Flagler 8 Fed 7H

County: Lea County, New Mexico

Description:
View North-northwest, of excavation.

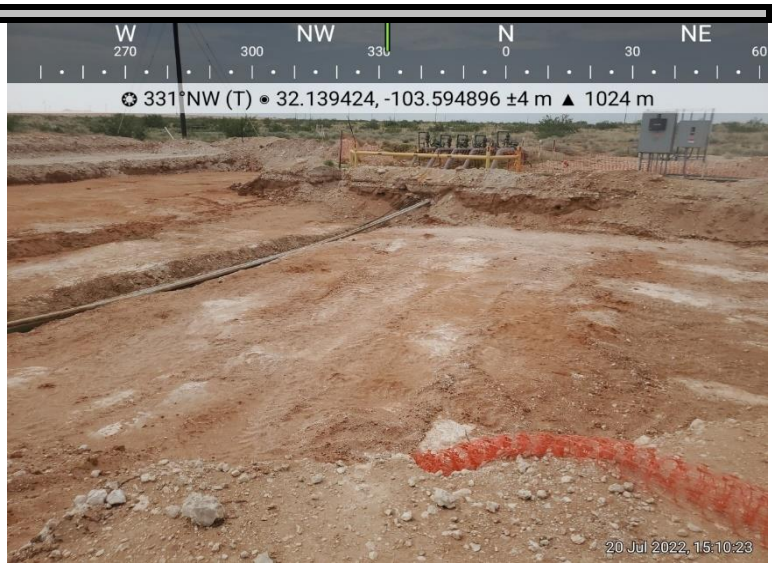


Photograph No. 6

Facility: Flagler 8 Fed 7H

County: Lea County, New Mexico

Description:
View North-northwest, of excavation.



PHOTOGRAPHIC LOG

Devon Energy Production Company

Photograph No. 7

Facility: Flagler 8 Fed 7H

County: Lea County, New Mexico

Description:
View Northwest, View of expanded excavation

Photograph No. 8

Facility: Flagler 8 Fed 7H

County: Lea County, New Mexico

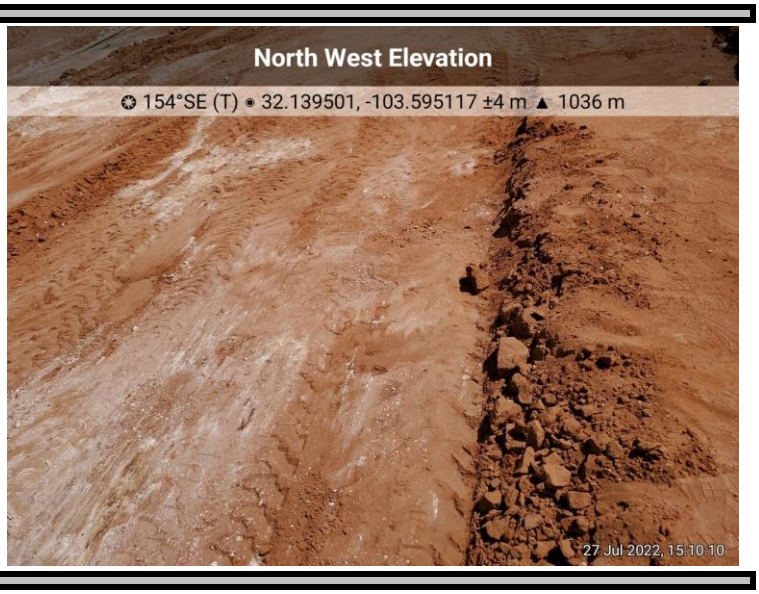
Description:
View Northwest, View of expanded excavation

Photograph No. 9

Facility: Flagler 8 Fed 7H

County: Lea County, New Mexico

Description:
View Northwest, View of expanded excavation



LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS

CARDINAL Laboratories

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

April 06, 2022

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: FLAGLER 8 FEDERAL #7H

Enclosed are the results of analyses for samples received by the laboratory on 04/01/22 11:55.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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 accreditated 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,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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:	04/01/2022	Sampling Date:	03/31/2022
Reported:	04/06/2022	Sampling Type:	Soil
Project Name:	FLAGLER 8 FEDERAL #7H	Sampling Condition:	Cool & Intact
Project Number:	225512	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO NM		

Sample ID: S - 1 (6''-1') (H221316-01)

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	04/04/2022	ND	2.08	104	2.00	0.607	
Toluene*	<0.050	0.050	04/04/2022	ND	2.08	104	2.00	1.93	
Ethylbenzene*	<0.050	0.050	04/04/2022	ND	2.03	102	2.00	2.09	
Total Xylenes*	<0.150	0.150	04/04/2022	ND	6.04	101	6.00	2.31	
Total BTEX	<0.300	0.300	04/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	04/05/2022	ND	432	108	400	3.64	

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	04/04/2022	ND	224	112	200	6.18	
DRO >C10-C28*	<10.0	10.0	04/04/2022	ND	201	101	200	6.29	
EXT DRO >C28-C36	<10.0	10.0	04/04/2022	ND					

Surrogate: 1-Chlorooctane *81.8 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *87.7 %* *59.5-142*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	04/01/2022	Sampling Date:	03/31/2022
Reported:	04/06/2022	Sampling Type:	Soil
Project Name:	FLAGLER 8 FEDERAL #7H	Sampling Condition:	Cool & Intact
Project Number:	225512	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO NM		

Sample ID: S - 2 (6"-1') (H221316-02)

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	04/04/2022	ND	2.08	104	2.00	0.607	
Toluene*	<0.050	0.050	04/04/2022	ND	2.08	104	2.00	1.93	
Ethylbenzene*	<0.050	0.050	04/04/2022	ND	2.03	102	2.00	2.09	
Total Xylenes*	<0.150	0.150	04/04/2022	ND	6.04	101	6.00	2.31	
Total BTEX	<0.300	0.300	04/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	04/05/2022	ND	432	108	400	3.64	

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	04/04/2022	ND	224	112	200	6.18	
DRO >C10-C28*	<10.0	10.0	04/04/2022	ND	201	101	200	6.29	
EXT DRO >C28-C36	<10.0	10.0	04/04/2022	ND					

Surrogate: 1-Chlorooctane *83.7 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *90.6 %* *59.5-142*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	04/01/2022	Sampling Date:	03/31/2022
Reported:	04/06/2022	Sampling Type:	Soil
Project Name:	FLAGLER 8 FEDERAL #7H	Sampling Condition:	Cool & Intact
Project Number:	225512	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO NM		

Sample ID: S - 3 (1'-1.5') (H221316-03)

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	04/04/2022	ND	2.08	104	2.00	0.607	
Toluene*	<0.050	0.050	04/04/2022	ND	2.08	104	2.00	1.93	
Ethylbenzene*	<0.050	0.050	04/04/2022	ND	2.03	102	2.00	2.09	
Total Xylenes*	<0.150	0.150	04/04/2022	ND	6.04	101	6.00	2.31	
Total BTEX	<0.300	0.300	04/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**2000**	16.0	04/05/2022	ND	432	108	400	3.64	

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	04/04/2022	ND	224	112	200	6.18	
DRO >C10-C28*	**190**	10.0	04/04/2022	ND	201	101	200	6.29	
EXT DRO >C28-C36	**26.9**	10.0	04/04/2022	ND					

Surrogate: 1-Chlorooctane *77.1 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *90.5 %* *59.5-142*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	04/01/2022	Sampling Date:	03/31/2022
Reported:	04/06/2022	Sampling Type:	Soil
Project Name:	FLAGLER 8 FEDERAL #7H	Sampling Condition:	Cool & Intact
Project Number:	225512	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO NM		

Sample ID: S - 4 (3'-3.5') (H221316-04)

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	04/04/2022	ND	2.08	104	2.00	0.607	
Toluene*	<0.050	0.050	04/04/2022	ND	2.08	104	2.00	1.93	
Ethylbenzene*	<0.050	0.050	04/04/2022	ND	2.03	102	2.00	2.09	
Total Xylenes*	<0.150	0.150	04/04/2022	ND	6.04	101	6.00	2.31	
Total BTEX	<0.300	0.300	04/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**800**	16.0	04/05/2022	ND	432	108	400	3.64	

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	04/04/2022	ND	182	91.0	200	2.44	
DRO >C10-C28*	**139**	10.0	04/04/2022	ND	169	84.4	200	2.13	
EXT DRO >C28-C36	**12.1**	10.0	04/04/2022	ND					

Surrogate: 1-Chlorooctane *85.5 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *88.6 %* *59.5-142*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	04/01/2022	Sampling Date:	03/31/2022
Reported:	04/06/2022	Sampling Type:	Soil
Project Name:	FLAGLER 8 FEDERAL #7H	Sampling Condition:	Cool & Intact
Project Number:	225512	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO NM		

Sample ID: H - 1 (H221316-05)

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	04/04/2022	ND	2.08	104	2.00	0.607	
Toluene*	<0.050	0.050	04/04/2022	ND	2.08	104	2.00	1.93	
Ethylbenzene*	<0.050	0.050	04/04/2022	ND	2.03	102	2.00	2.09	
Total Xylenes*	<0.150	0.150	04/04/2022	ND	6.04	101	6.00	2.31	
Total BTEX	<0.300	0.300	04/04/2022	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	04/05/2022	ND	432	108	400	3.64	

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	04/04/2022	ND	182	91.0	200	2.44	
DRO >C10-C28*	<10.0	10.0	04/04/2022	ND	169	84.4	200	2.13	
EXT DRO >C28-C36	<10.0	10.0	04/04/2022	ND					

Surrogate: 1-Chlorooctane *82.5 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *82.5 %* *59.5-142*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	04/01/2022	Sampling Date:	03/31/2022
Reported:	04/06/2022	Sampling Type:	Soil
Project Name:	FLAGLER 8 FEDERAL #7H	Sampling Condition:	Cool & Intact
Project Number:	225512	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO NM		

Sample ID: H - 2 (H221316-06)

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	04/04/2022	ND	2.08	104	2.00	0.607	
Toluene*	<0.050	0.050	04/04/2022	ND	2.08	104	2.00	1.93	
Ethylbenzene*	<0.050	0.050	04/04/2022	ND	2.03	102	2.00	2.09	
Total Xylenes*	<0.150	0.150	04/04/2022	ND	6.04	101	6.00	2.31	
Total BTEX	<0.300	0.300	04/04/2022	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	04/05/2022	ND	432	108	400	3.64	

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	04/04/2022	ND	182	91.0	200	2.44	
DRO >C10-C28*	<10.0	10.0	04/04/2022	ND	169	84.4	200	2.13	
EXT DRO >C28-C36	<10.0	10.0	04/04/2022	ND					

Surrogate: 1-Chlorooctane *85.1 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *85.6 %* *59.5-142*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	04/01/2022	Sampling Date:	03/31/2022
Reported:	04/06/2022	Sampling Type:	Soil
Project Name:	FLAGLER 8 FEDERAL #7H	Sampling Condition:	Cool & Intact
Project Number:	225512	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO NM		

Sample ID: H - 3 (H221316-07)

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	04/04/2022	ND	2.08	104	2.00	0.607	
Toluene*	<0.050	0.050	04/04/2022	ND	2.08	104	2.00	1.93	
Ethylbenzene*	<0.050	0.050	04/04/2022	ND	2.03	102	2.00	2.09	
Total Xylenes*	<0.150	0.150	04/04/2022	ND	6.04	101	6.00	2.31	
Total BTEX	<0.300	0.300	04/04/2022	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	04/05/2022	ND	432	108	400	3.64	

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	04/04/2022	ND	182	91.0	200	2.44	
DRO >C10-C28*	<10.0	10.0	04/04/2022	ND	169	84.4	200	2.13	
EXT DRO >C28-C36	<10.0	10.0	04/04/2022	ND					

Surrogate: 1-Chlorooctane *84.7 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *84.9 %* *59.5-142*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	04/01/2022	Sampling Date:	03/31/2022
Reported:	04/06/2022	Sampling Type:	Soil
Project Name:	FLAGLER 8 FEDERAL #7H	Sampling Condition:	Cool & Intact
Project Number:	225512	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO NM		

Sample ID: H - 4 (H221316-08)

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	04/04/2022	ND	2.08	104	2.00	0.607	
Toluene*	<0.050	0.050	04/04/2022	ND	2.08	104	2.00	1.93	
Ethylbenzene*	<0.050	0.050	04/04/2022	ND	2.03	102	2.00	2.09	
Total Xylenes*	<0.150	0.150	04/04/2022	ND	6.04	101	6.00	2.31	
Total BTEX	<0.300	0.300	04/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.5 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	04/05/2022	ND	432	108	400	3.64	

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	04/04/2022	ND	182	91.0	200	2.44	
DRO >C10-C28*	<10.0	10.0	04/04/2022	ND	169	84.4	200	2.13	
EXT DRO >C28-C36	<10.0	10.0	04/04/2022	ND					

Surrogate: 1-Chlorooctane *76.8 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *76.8 %* *59.5-142*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

NTG ENVIRONMENTAL

Work Order No: H221316

Page _1__ of 1

Project Manager:	Ethan Sessums	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 ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Flagler 8 Federal #7H	Turn Around	☑ Routine ☐ Rush
Project Number:	225512	Due Date:	
Project Location	Lea County, NM	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Kevin Valdez		
PO #:	20995553		

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:	#113
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.5°C
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	5.5°C
Total Containers:	8	Corrected Temperature:	5.0°C

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Sample Comments
S-1 (6"-1')	3/31/2022	–	x		Comp	1		x	x	x		
S-2 (6"-1')	3/31/2022	–	x		Comp	1		x	x	x		
S-3 (1'-1.5')	3/31/2022	–	x		Comp	1		x	x	x		
S-4 (3'-3.5')	3/31/2022	–	x		Comp	1		x	x	x		
H-1	3/31/2022	–	x		Comp	1		x	x	x		
H-2	3/31/2022	–	x		Comp	1		x	x	x		
H-3	3/31/2022	–	x		Comp	1		x	x	x		
H-4	3/31/2022	–	x		Comp	1		x	x	x		

Preservative Codes

None: NO — DI Water: H_2O

Cool: Cool — MeOH: Me

HCL: HC — HNO_3: HN

H_2S0_4: H_2 — NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

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
1		4-1-22 1155	2		
3			4		
5			6		

Revised Date 05012020 Rev. 2020.1

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Tel: (432)704-5440

Laboratory Job ID: 880-14972-1
Laboratory Sample Delivery Group: Lea Co. NM
Client Project/Site: Flager 8 Fed 7H

For:
NT Global
701 Tradewinds Blvd
Midland, Texas 79706

Attn: Ethan Sessums

JKRAMER

Authorized for release by:
5/26/2022 7:58:18 AM

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

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

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

Client: NT Global
Project/Site: Flager 8 Fed 7H

Laboratory Job ID: 880-14972-1
SDG: Lea Co. NM

Table of Contents

Definitions/Glossary

Client: NT Global
Project/Site: Flager 8 Fed 7H

Job ID: 880-14972-1
SDG: Lea Co. NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: NT Global
Project/Site: Flager 8 Fed 7H

Job ID: 880-14972-1
SDG: Lea Co. NM

Job ID: 880-14972-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-14972-1

Receipt
The samples were received on 5/18/2022 4:42 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 4.0°C

GC VOA
Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-25906 and analytical batch 880-25859 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-25961 and analytical batch 880-25945 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
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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

Client Sample Results

Client: NT Global
Project/Site: Flager 8 Fed 7H

Job ID: 880-14972-1
SDG: Lea Co. NM

Client Sample ID: CS-1 (2')

Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

Lab Sample ID: 880-14972-1
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/19/22 12:37	05/19/22 16:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/19/22 12:37	05/19/22 16:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/19/22 12:37	05/19/22 16:18	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		05/19/22 12:37	05/19/22 16:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/19/22 12:37	05/19/22 16:18	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		05/19/22 12:37	05/19/22 16:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*05/19/22 12:37*	*05/19/22 16:18*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*05/19/22 12:37*	*05/19/22 16:18*	*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			05/20/22 10:21	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			05/20/22 08:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/19/22 11:24	05/19/22 12:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/19/22 11:24	05/19/22 12:44	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/19/22 11:24	05/19/22 12:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 130*	*05/19/22 11:24*	*05/19/22 12:44*	*1*
o-Terphenyl	*90*		*70 - 130*	*05/19/22 11:24*	*05/19/22 12:44*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**21.2**		4.99		mg/Kg			05/23/22 18:16	1

Client Sample ID: CS-2 (2')

Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

Lab Sample ID: 880-14972-2
Matrix: Solid

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		05/19/22 12:37	05/19/22 16:44	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/19/22 12:37	05/19/22 16:44	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/19/22 12:37	05/19/22 16:44	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/19/22 12:37	05/19/22 16:44	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/19/22 12:37	05/19/22 16:44	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/19/22 12:37	05/19/22 16:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*05/19/22 12:37*	*05/19/22 16:44*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*05/19/22 12:37*	*05/19/22 16:44*	*1*

Client Sample Results

Client: NT Global
Project/Site: Flager 8 Fed 7H

Job ID: 880-14972-1
SDG: Lea Co. NM

Client Sample ID: CS-2 (2')

Lab Sample ID: 880-14972-2
Matrix: Solid
Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

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			05/20/22 10:21	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			05/20/22 08:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/19/22 11:24	05/19/22 13:52	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/19/22 11:24	05/19/22 13:52	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/19/22 11:24	05/19/22 13:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*89*		*70 - 130*	*05/19/22 11:24*	*05/19/22 13:52*	*1*
o-Terphenyl	*92*		*70 - 130*	*05/19/22 11:24*	*05/19/22 13:52*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**20.5**		5.02		mg/Kg			05/23/22 18:23	1

Client Sample ID: CS-3 (2')

Lab Sample ID: 880-14972-3
Matrix: Solid
Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

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		05/19/22 12:37	05/19/22 17:10	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/19/22 12:37	05/19/22 17:10	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/19/22 12:37	05/19/22 17:10	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/19/22 12:37	05/19/22 17:10	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/19/22 12:37	05/19/22 17:10	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/19/22 12:37	05/19/22 17:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*05/19/22 12:37*	*05/19/22 17:10*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*05/19/22 12:37*	*05/19/22 17:10*	*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			05/20/22 10:21	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			05/20/22 08:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/19/22 11:24	05/19/22 14:14	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/19/22 11:24	05/19/22 14:14	1

Client Sample Results

Client: NT Global
Project/Site: Flager 8 Fed 7H

Job ID: 880-14972-1
SDG: Lea Co. NM

Client Sample ID: CS-3 (2')

Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

Lab Sample ID: 880-14972-3
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/19/22 11:24	05/19/22 14:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*104*		*70 - 130*	*05/19/22 11:24*	*05/19/22 14:14*	*1*
o-Terphenyl	*107*		*70 - 130*	*05/19/22 11:24*	*05/19/22 14:14*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**20.0**		5.04		mg/Kg			05/23/22 18:30	1

Client Sample ID: CS-4 (2')

Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

Lab Sample ID: 880-14972-4
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/19/22 12:37	05/19/22 17:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/19/22 12:37	05/19/22 17:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/19/22 12:37	05/19/22 17:36	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/19/22 12:37	05/19/22 17:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/19/22 12:37	05/19/22 17:36	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/19/22 12:37	05/19/22 17:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*05/19/22 12:37*	*05/19/22 17:36*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*05/19/22 12:37*	*05/19/22 17:36*	*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			05/20/22 10:21	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			05/20/22 08:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/19/22 11:24	05/19/22 14:36	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/19/22 11:24	05/19/22 14:36	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/19/22 11:24	05/19/22 14:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 130*	*05/19/22 11:24*	*05/19/22 14:36*	*1*
o-Terphenyl	*110*		*70 - 130*	*05/19/22 11:24*	*05/19/22 14:36*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**24.9**		4.98		mg/Kg			05/23/22 18:38	1

Client Sample Results

Client: NT Global
Project/Site: Flager 8 Fed 7H

Job ID: 880-14972-1
SDG: Lea Co. NM

Client Sample ID: CS-5 (2')

Lab Sample ID: 880-14972-5
Matrix: Solid
Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

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		05/19/22 12:37	05/19/22 18:02	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/19/22 12:37	05/19/22 18:02	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/19/22 12:37	05/19/22 18:02	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/19/22 12:37	05/19/22 18:02	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/19/22 12:37	05/19/22 18:02	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/19/22 12:37	05/19/22 18:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*05/19/22 12:37*	*05/19/22 18:02*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*05/19/22 12:37*	*05/19/22 18:02*	*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			05/20/22 10:21	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			05/20/22 08:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/19/22 11:24	05/19/22 14:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/19/22 11:24	05/19/22 14:59	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/19/22 11:24	05/19/22 14:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*05/19/22 11:24*	*05/19/22 14:59*	*1*
o-Terphenyl	*97*		*70 - 130*	*05/19/22 11:24*	*05/19/22 14:59*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**25.5**		5.00		mg/Kg			05/23/22 19:00	1

Client Sample ID: CS-6 (2')

Lab Sample ID: 880-14972-6
Matrix: Solid
Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

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		05/19/22 12:37	05/19/22 18:28	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/19/22 12:37	05/19/22 18:28	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/19/22 12:37	05/19/22 18:28	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		05/19/22 12:37	05/19/22 18:28	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/19/22 12:37	05/19/22 18:28	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		05/19/22 12:37	05/19/22 18:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*	*05/19/22 12:37*	*05/19/22 18:28*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*05/19/22 12:37*	*05/19/22 18:28*	*1*

Client Sample Results

Client: NT Global
Project/Site: Flager 8 Fed 7H

Job ID: 880-14972-1
SDG: Lea Co. NM

Client Sample ID: CS-6 (2')

Lab Sample ID: 880-14972-6
Matrix: Solid
Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

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			05/20/22 10:21	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			05/20/22 08:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/19/22 11:24	05/19/22 15:20	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/19/22 11:24	05/19/22 15:20	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/19/22 11:24	05/19/22 15:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*05/19/22 11:24*	*05/19/22 15:20*	*1*
o-Terphenyl	*95*		*70 - 130*	*05/19/22 11:24*	*05/19/22 15:20*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**362**		5.03		mg/Kg			05/23/22 19:08	1

Client Sample ID: CS-7 (2')

Lab Sample ID: 880-14972-7
Matrix: Solid
Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

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		05/19/22 12:37	05/19/22 18:54	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/19/22 12:37	05/19/22 18:54	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/19/22 12:37	05/19/22 18:54	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/19/22 12:37	05/19/22 18:54	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/19/22 12:37	05/19/22 18:54	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/19/22 12:37	05/19/22 18:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*	*05/19/22 12:37*	*05/19/22 18:54*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*05/19/22 12:37*	*05/19/22 18:54*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/20/22 10:21	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			05/20/22 08:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/19/22 11:24	05/19/22 15:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/19/22 11:24	05/19/22 15:43	1

Client Sample Results

Client: NT Global
Project/Site: Flager 8 Fed 7H

Job ID: 880-14972-1
SDG: Lea Co. NM

Client Sample ID: CS-7 (2')

Lab Sample ID: 880-14972-7
Matrix: Solid
Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/19/22 11:24	05/19/22 15:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 130*	*05/19/22 11:24*	*05/19/22 15:43*	*1*
o-Terphenyl	*94*		*70 - 130*	*05/19/22 11:24*	*05/19/22 15:43*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**24.0**		5.00		mg/Kg			05/24/22 08:25	1

Client Sample ID: CS-8 (2')

Lab Sample ID: 880-14972-8
Matrix: Solid
Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

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		05/19/22 12:37	05/19/22 19:19	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/19/22 12:37	05/19/22 19:19	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/19/22 12:37	05/19/22 19:19	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		05/19/22 12:37	05/19/22 19:19	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/19/22 12:37	05/19/22 19:19	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		05/19/22 12:37	05/19/22 19:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*	*05/19/22 12:37*	*05/19/22 19:19*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*05/19/22 12:37*	*05/19/22 19:19*	*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			05/20/22 10:21	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			05/20/22 08:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/19/22 11:24	05/19/22 16:05	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/19/22 11:24	05/19/22 16:05	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/19/22 11:24	05/19/22 16:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 130*	*05/19/22 11:24*	*05/19/22 16:05*	*1*
o-Terphenyl	*112*		*70 - 130*	*05/19/22 11:24*	*05/19/22 16:05*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**34.6**		4.95		mg/Kg			05/24/22 08:44	1

Client Sample Results

Client: NT Global
Project/Site: Flager 8 Fed 7H

Job ID: 880-14972-1
SDG: Lea Co. NM

Client Sample ID: CS-9 (2')

Lab Sample ID: 880-14972-9
Matrix: Solid
Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

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		05/19/22 12:37	05/19/22 19:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/19/22 12:37	05/19/22 19:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/19/22 12:37	05/19/22 19:45	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/19/22 12:37	05/19/22 19:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/19/22 12:37	05/19/22 19:45	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/19/22 12:37	05/19/22 19:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*	*05/19/22 12:37*	*05/19/22 19:45*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*05/19/22 12:37*	*05/19/22 19:45*	*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			05/20/22 10:21	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			05/20/22 08:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/19/22 11:24	05/19/22 16:28	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/19/22 11:24	05/19/22 16:28	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/19/22 11:24	05/19/22 16:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*91*		*70 - 130*	*05/19/22 11:24*	*05/19/22 16:28*	*1*
o-Terphenyl	*92*		*70 - 130*	*05/19/22 11:24*	*05/19/22 16:28*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**29.6**		5.01		mg/Kg			05/24/22 08:51	1

Client Sample ID: CS-10 (2')

Lab Sample ID: 880-14972-10
Matrix: Solid
Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

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		05/19/22 12:37	05/19/22 20:11	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/19/22 12:37	05/19/22 20:11	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/19/22 12:37	05/19/22 20:11	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		05/19/22 12:37	05/19/22 20:11	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/19/22 12:37	05/19/22 20:11	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/19/22 12:37	05/19/22 20:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*05/19/22 12:37*	*05/19/22 20:11*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*05/19/22 12:37*	*05/19/22 20:11*	*1*

Client Sample Results

Client: NT Global
Project/Site: Flager 8 Fed 7H

Job ID: 880-14972-1
SDG: Lea Co. NM

Client Sample ID: CS-10 (2')

Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

Lab Sample ID: 880-14972-10
Matrix: Solid

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			05/20/22 10:21	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			05/20/22 08:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/19/22 11:24	05/19/22 16:51	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/19/22 11:24	05/19/22 16:51	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/19/22 11:24	05/19/22 16:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*05/19/22 11:24*	*05/19/22 16:51*	*1*
o-Terphenyl	*99*		*70 - 130*	*05/19/22 11:24*	*05/19/22 16:51*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**767**		4.98		mg/Kg			05/24/22 08:58	1

Client Sample ID: CS-11 (3')

Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

Lab Sample ID: 880-14972-11
Matrix: Solid

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		05/19/22 12:37	05/19/22 21:58	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/19/22 12:37	05/19/22 21:58	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/19/22 12:37	05/19/22 21:58	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/19/22 12:37	05/19/22 21:58	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/19/22 12:37	05/19/22 21:58	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/19/22 12:37	05/19/22 21:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*127*		*70 - 130*	*05/19/22 12:37*	*05/19/22 21:58*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*05/19/22 12:37*	*05/19/22 21:58*	*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			05/20/22 10:21	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			05/20/22 08:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/19/22 11:24	05/19/22 17:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/19/22 11:24	05/19/22 17:36	1

Client Sample Results

Client: NT Global
Project/Site: Flager 8 Fed 7H

Job ID: 880-14972-1
SDG: Lea Co. NM

Client Sample ID: CS-11 (3')

Lab Sample ID: 880-14972-11
Matrix: Solid
Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/19/22 11:24	05/19/22 17:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*116*		*70 - 130*	*05/19/22 11:24*	*05/19/22 17:36*	*1*
o-Terphenyl	*121*		*70 - 130*	*05/19/22 11:24*	*05/19/22 17:36*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**163**		4.99		mg/Kg			05/24/22 09:06	1

Client Sample ID: CS-12 (3')

Lab Sample ID: 880-14972-12
Matrix: Solid
Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

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		05/19/22 12:37	05/19/22 22:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/19/22 12:37	05/19/22 22:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/19/22 12:37	05/19/22 22:24	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/19/22 12:37	05/19/22 22:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/19/22 12:37	05/19/22 22:24	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/19/22 12:37	05/19/22 22:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*	*05/19/22 12:37*	*05/19/22 22:24*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*05/19/22 12:37*	*05/19/22 22:24*	*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			05/20/22 10:21	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			05/20/22 08:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/19/22 11:24	05/19/22 17:57	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/19/22 11:24	05/19/22 17:57	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/19/22 11:24	05/19/22 17:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*116*		*70 - 130*	*05/19/22 11:24*	*05/19/22 17:57*	*1*
o-Terphenyl	*119*		*70 - 130*	*05/19/22 11:24*	*05/19/22 17:57*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**138**		4.97		mg/Kg			05/24/22 09:13	1

Client Sample Results

Client: NT Global
Project/Site: Flager 8 Fed 7H

Job ID: 880-14972-1
SDG: Lea Co. NM

Client Sample ID: CS-13 (3')

Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

Lab Sample ID: 880-14972-13
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		05/19/22 12:37	05/19/22 22:50	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/19/22 12:37	05/19/22 22:50	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/19/22 12:37	05/19/22 22:50	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		05/19/22 12:37	05/19/22 22:50	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/19/22 12:37	05/19/22 22:50	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		05/19/22 12:37	05/19/22 22:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*05/19/22 12:37*	*05/19/22 22:50*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*05/19/22 12:37*	*05/19/22 22:50*	*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			05/20/22 10:21	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			05/20/22 08:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/19/22 11:24	05/19/22 18:19	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/19/22 11:24	05/19/22 18:19	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/19/22 11:24	05/19/22 18:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*112*		*70 - 130*	*05/19/22 11:24*	*05/19/22 18:19*	*1*
o-Terphenyl	*114*		*70 - 130*	*05/19/22 11:24*	*05/19/22 18:19*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**133**		4.95		mg/Kg			05/24/22 09:29	1

Client Sample ID: CS-14 (3')

Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

Lab Sample ID: 880-14972-14
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/19/22 12:37	05/19/22 23:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/19/22 12:37	05/19/22 23:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/19/22 12:37	05/19/22 23:15	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		05/19/22 12:37	05/19/22 23:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/19/22 12:37	05/19/22 23:15	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		05/19/22 12:37	05/19/22 23:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*05/19/22 12:37*	*05/19/22 23:15*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*05/19/22 12:37*	*05/19/22 23:15*	*1*

Client Sample Results

Client: NT Global
Project/Site: Flager 8 Fed 7H

Job ID: 880-14972-1
SDG: Lea Co. NM

Client Sample ID: CS-14 (3')

Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

Lab Sample ID: 880-14972-14

Matrix: Solid

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			05/20/22 10:21	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			05/20/22 08:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/19/22 11:24	05/19/22 18:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/19/22 11:24	05/19/22 18:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/19/22 11:24	05/19/22 18:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*115*		*70 - 130*	*05/19/22 11:24*	*05/19/22 18:40*	*1*
o-Terphenyl	*118*		*70 - 130*	*05/19/22 11:24*	*05/19/22 18:40*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**134**		4.98		mg/Kg			05/24/22 08:53	1

Client Sample ID: CS-15 (3')

Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

Lab Sample ID: 880-14972-15

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/19/22 12:37	05/19/22 23:41	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/19/22 12:37	05/19/22 23:41	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/19/22 12:37	05/19/22 23:41	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/19/22 12:37	05/19/22 23:41	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/19/22 12:37	05/19/22 23:41	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/19/22 12:37	05/19/22 23:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*126*		*70 - 130*	*05/19/22 12:37*	*05/19/22 23:41*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*05/19/22 12:37*	*05/19/22 23:41*	*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			05/20/22 10:21	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			05/20/22 08:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/19/22 11:24	05/19/22 19:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/19/22 11:24	05/19/22 19:01	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Flager 8 Fed 7H

Job ID: 880-14972-1
SDG: Lea Co. NM

Client Sample ID: CS-15 (3')

Lab Sample ID: 880-14972-15
Matrix: Solid
Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/19/22 11:24	05/19/22 19:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*70 - 130*	*05/19/22 11:24*	*05/19/22 19:01*	*1*
o-Terphenyl	*102*		*70 - 130*	*05/19/22 11:24*	*05/19/22 19:01*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**125**		5.00		mg/Kg			05/24/22 09:21	1

Client Sample ID: CS-16 (3')

Lab Sample ID: 880-14972-16
Matrix: Solid
Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

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		05/19/22 12:37	05/20/22 00:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/19/22 12:37	05/20/22 00:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/19/22 12:37	05/20/22 00:07	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/19/22 12:37	05/20/22 00:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/19/22 12:37	05/20/22 00:07	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/19/22 12:37	05/20/22 00:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*	*05/19/22 12:37*	*05/20/22 00:07*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*05/19/22 12:37*	*05/20/22 00:07*	*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			05/20/22 10:21	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			05/20/22 08:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/19/22 11:24	05/19/22 19:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/19/22 11:24	05/19/22 19:22	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/19/22 11:24	05/19/22 19:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*05/19/22 11:24*	*05/19/22 19:22*	*1*
o-Terphenyl	*100*		*70 - 130*	*05/19/22 11:24*	*05/19/22 19:22*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**126**		4.99		mg/Kg			05/24/22 09:30	1

Client Sample Results

Client: NT Global
Project/Site: Flager 8 Fed 7H

Job ID: 880-14972-1
SDG: Lea Co. NM

Client Sample ID: CS-17 (3')

Lab Sample ID: 880-14972-17
Matrix: Solid
Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

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		05/19/22 12:37	05/20/22 08:02	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/19/22 12:37	05/20/22 08:02	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/19/22 12:37	05/20/22 08:02	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/19/22 12:37	05/20/22 08:02	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/19/22 12:37	05/20/22 08:02	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/19/22 12:37	05/20/22 08:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*05/19/22 12:37*	*05/20/22 08:02*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*05/19/22 12:37*	*05/20/22 08:02*	*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			05/20/22 10:21	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			05/20/22 08:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/19/22 11:24	05/19/22 19:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/19/22 11:24	05/19/22 19:43	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/19/22 11:24	05/19/22 19:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*115*		*70 - 130*	*05/19/22 11:24*	*05/19/22 19:43*	*1*
o-Terphenyl	*121*		*70 - 130*	*05/19/22 11:24*	*05/19/22 19:43*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**129**		5.05		mg/Kg			05/24/22 09:39	1

Client Sample ID: CS-18 (3')

Lab Sample ID: 880-14972-18
Matrix: Solid
Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

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		05/19/22 12:37	05/20/22 08:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/19/22 12:37	05/20/22 08:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/19/22 12:37	05/20/22 08:28	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		05/19/22 12:37	05/20/22 08:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/19/22 12:37	05/20/22 08:28	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		05/19/22 12:37	05/20/22 08:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*	*05/19/22 12:37*	*05/20/22 08:28*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*05/19/22 12:37*	*05/20/22 08:28*	*1*

Client Sample Results

Client: NT Global
Project/Site: Flager 8 Fed 7H

Job ID: 880-14972-1
SDG: Lea Co. NM

Client Sample ID: CS-18 (3')

Lab Sample ID: 880-14972-18
Matrix: Solid
Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

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			05/20/22 10:21	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			05/20/22 08:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/19/22 11:24	05/19/22 20:04	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/19/22 11:24	05/19/22 20:04	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/19/22 11:24	05/19/22 20:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*05/19/22 11:24*	*05/19/22 20:04*	*1*
o-Terphenyl	*100*		*70 - 130*	*05/19/22 11:24*	*05/19/22 20:04*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**119**		4.98		mg/Kg			05/24/22 09:49	1

Client Sample ID: CS-19 (5')

Lab Sample ID: 880-14972-19
Matrix: Solid
Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

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		05/19/22 12:37	05/20/22 08:58	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/19/22 12:37	05/20/22 08:58	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/19/22 12:37	05/20/22 08:58	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		05/19/22 12:37	05/20/22 08:58	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/19/22 12:37	05/20/22 08:58	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		05/19/22 12:37	05/20/22 08:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*130*		*70 - 130*	*05/19/22 12:37*	*05/20/22 08:58*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*05/19/22 12:37*	*05/20/22 08:58*	*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			05/20/22 10:21	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			05/20/22 08:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/19/22 11:24	05/19/22 20:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/19/22 11:24	05/19/22 20:25	1

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Client Sample Results

Client: NT Global
Project/Site: Flager 8 Fed 7H

Job ID: 880-14972-1
SDG: Lea Co. NM

Client Sample ID: CS-19 (5')

Lab Sample ID: 880-14972-19
Matrix: Solid
Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/19/22 11:24	05/19/22 20:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 130*	*05/19/22 11:24*	*05/19/22 20:25*	*1*
o-Terphenyl	*95*		*70 - 130*	*05/19/22 11:24*	*05/19/22 20:25*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**447**		5.00		mg/Kg			05/24/22 10:16	1

Client Sample ID: CS-20 (5')

Lab Sample ID: 880-14972-20
Matrix: Solid
Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

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		05/20/22 15:30	05/21/22 13:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/20/22 15:30	05/21/22 13:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/20/22 15:30	05/21/22 13:16	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		05/20/22 15:30	05/21/22 13:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/20/22 15:30	05/21/22 13:16	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		05/20/22 15:30	05/21/22 13:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*	*05/20/22 15:30*	*05/21/22 13:16*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*05/20/22 15:30*	*05/21/22 13:16*	*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			05/20/22 10:21	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			05/20/22 08:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/19/22 11:24	05/19/22 20:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/19/22 11:24	05/19/22 20:45	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/19/22 11:24	05/19/22 20:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*103*		*70 - 130*	*05/19/22 11:24*	*05/19/22 20:45*	*1*
o-Terphenyl	*106*		*70 - 130*	*05/19/22 11:24*	*05/19/22 20:45*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**354**		5.00		mg/Kg			05/24/22 10:25	1

Client Sample Results

Client: NT Global
Project/Site: Flager 8 Fed 7H

Job ID: 880-14972-1
SDG: Lea Co. NM

Client Sample ID: SW-1

Lab Sample ID: 880-14972-21
Matrix: Solid
Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U F1	0.00199		mg/Kg		05/19/22 12:43	05/19/22 22:20	1
Toluene	<0.00199	U F1 F2	0.00199		mg/Kg		05/19/22 12:43	05/19/22 22:20	1
Ethylbenzene	<0.00199	U F1	0.00199		mg/Kg		05/19/22 12:43	05/19/22 22:20	1
m-Xylene & p-Xylene	<0.00398	U F1	0.00398		mg/Kg		05/19/22 12:43	05/19/22 22:20	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/19/22 12:43	05/19/22 22:20	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/19/22 12:43	05/19/22 22:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*127*		*70 - 130*	*05/19/22 12:43*	*05/19/22 22:20*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*05/19/22 12:43*	*05/19/22 22:20*	*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			05/20/22 10:21	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			05/20/22 08:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/20/22 09:19	05/20/22 23:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/20/22 09:19	05/20/22 23:16	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/20/22 09:19	05/20/22 23:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*05/20/22 09:19*	*05/20/22 23:16*	*1*
o-Terphenyl	*102*		*70 - 130*	*05/20/22 09:19*	*05/20/22 23:16*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**19.8**		4.95		mg/Kg			05/24/22 10:35	1

Client Sample ID: SW-2

Lab Sample ID: 880-14972-22
Matrix: Solid
Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

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		05/19/22 12:43	05/19/22 22:40	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/19/22 12:43	05/19/22 22:40	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/19/22 12:43	05/19/22 22:40	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		05/19/22 12:43	05/19/22 22:40	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/19/22 12:43	05/19/22 22:40	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/19/22 12:43	05/19/22 22:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*05/19/22 12:43*	*05/19/22 22:40*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*05/19/22 12:43*	*05/19/22 22:40*	*1*

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Flager 8 Fed 7H

Job ID: 880-14972-1
SDG: Lea Co. NM

Client Sample ID: SW-2

Lab Sample ID: 880-14972-22
Matrix: Solid
Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

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			05/20/22 10:21	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			05/20/22 08:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/20/22 09:19	05/21/22 00:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/20/22 09:19	05/21/22 00:22	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/20/22 09:19	05/21/22 00:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*88*		*70 - 130*	*05/20/22 09:19*	*05/21/22 00:22*	*1*
o-Terphenyl	*91*		*70 - 130*	*05/20/22 09:19*	*05/21/22 00:22*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**18.7**		5.01		mg/Kg			05/24/22 10:44	1

Client Sample ID: SW-3

Lab Sample ID: 880-14972-23
Matrix: Solid
Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

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		05/19/22 12:43	05/19/22 23:01	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/19/22 12:43	05/19/22 23:01	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/19/22 12:43	05/19/22 23:01	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		05/19/22 12:43	05/19/22 23:01	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/19/22 12:43	05/19/22 23:01	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		05/19/22 12:43	05/19/22 23:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*	*05/19/22 12:43*	*05/19/22 23:01*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*05/19/22 12:43*	*05/19/22 23:01*	*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			05/20/22 10:21	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			05/20/22 08:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/20/22 09:19	05/21/22 00:44	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/20/22 09:19	05/21/22 00:44	1

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Client Sample Results

Client: NT Global
Project/Site: Flager 8 Fed 7H

Job ID: 880-14972-1
SDG: Lea Co. NM

Client Sample ID: SW-3

Lab Sample ID: 880-14972-23
Matrix: Solid
Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/20/22 09:19	05/21/22 00:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*05/20/22 09:19*	*05/21/22 00:44*	*1*
o-Terphenyl	*98*		*70 - 130*	*05/20/22 09:19*	*05/21/22 00:44*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9.11**		4.99		mg/Kg			05/24/22 10:53	1

Client Sample ID: SW-4

Lab Sample ID: 880-14972-24
Matrix: Solid
Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

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		05/19/22 12:43	05/19/22 23:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/19/22 12:43	05/19/22 23:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/19/22 12:43	05/19/22 23:21	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		05/19/22 12:43	05/19/22 23:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/19/22 12:43	05/19/22 23:21	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		05/19/22 12:43	05/19/22 23:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*05/19/22 12:43*	*05/19/22 23:21*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*05/19/22 12:43*	*05/19/22 23:21*	*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			05/20/22 10:21	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			05/20/22 08:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/20/22 09:19	05/21/22 01:06	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/20/22 09:19	05/21/22 01:06	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/20/22 09:19	05/21/22 01:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 130*	*05/20/22 09:19*	*05/21/22 01:06*	*1*
o-Terphenyl	*107*		*70 - 130*	*05/20/22 09:19*	*05/21/22 01:06*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**24.0**		4.95		mg/Kg			05/24/22 11:02	1

Client Sample Results

Client: NT Global
Project/Site: Flager 8 Fed 7H

Job ID: 880-14972-1
SDG: Lea Co. NM

Client Sample ID: SW-5

Lab Sample ID: 880-14972-25
Matrix: Solid
Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

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		05/19/22 12:43	05/19/22 23:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/19/22 12:43	05/19/22 23:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/19/22 12:43	05/19/22 23:42	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/19/22 12:43	05/19/22 23:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/19/22 12:43	05/19/22 23:42	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/19/22 12:43	05/19/22 23:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*127*		*70 - 130*	*05/19/22 12:43*	*05/19/22 23:42*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*05/19/22 12:43*	*05/19/22 23:42*	*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			05/20/22 10:21	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			05/20/22 08:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/20/22 09:19	05/21/22 01:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/20/22 09:19	05/21/22 01:28	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/20/22 09:19	05/21/22 01:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*05/20/22 09:19*	*05/21/22 01:28*	*1*
o-Terphenyl	*97*		*70 - 130*	*05/20/22 09:19*	*05/21/22 01:28*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**22.5**		4.96		mg/Kg			05/24/22 11:30	1

Client Sample ID: SW-6

Lab Sample ID: 880-14972-26
Matrix: Solid
Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

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		05/19/22 12:43	05/20/22 00:02	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/19/22 12:43	05/20/22 00:02	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/19/22 12:43	05/20/22 00:02	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/19/22 12:43	05/20/22 00:02	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/19/22 12:43	05/20/22 00:02	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/19/22 12:43	05/20/22 00:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*05/19/22 12:43*	*05/20/22 00:02*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*05/19/22 12:43*	*05/20/22 00:02*	*1*

Client Sample Results

Client: NT Global
Project/Site: Flager 8 Fed 7H

Job ID: 880-14972-1
SDG: Lea Co. NM

Client Sample ID: SW-6

Lab Sample ID: 880-14972-26
Matrix: Solid
Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

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			05/20/22 10:21	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			05/20/22 08:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/20/22 09:19	05/21/22 01:49	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/20/22 09:19	05/21/22 01:49	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/20/22 09:19	05/21/22 01:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*111*		*70 - 130*	*05/20/22 09:19*	*05/21/22 01:49*	*1*
o-Terphenyl	*118*		*70 - 130*	*05/20/22 09:19*	*05/21/22 01:49*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10.5**		5.05		mg/Kg			05/24/22 11:39	1

Client Sample ID: SW-7

Lab Sample ID: 880-14972-27
Matrix: Solid
Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

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		05/19/22 12:43	05/20/22 00:22	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/19/22 12:43	05/20/22 00:22	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/19/22 12:43	05/20/22 00:22	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		05/19/22 12:43	05/20/22 00:22	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/19/22 12:43	05/20/22 00:22	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		05/19/22 12:43	05/20/22 00:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*127*		*70 - 130*	*05/19/22 12:43*	*05/20/22 00:22*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*05/19/22 12:43*	*05/20/22 00:22*	*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			05/20/22 10:21	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			05/20/22 08:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/20/22 09:19	05/21/22 02:11	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/20/22 09:19	05/21/22 02:11	1

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Client Sample Results

Client: NT Global
Project/Site: Flager 8 Fed 7H

Job ID: 880-14972-1
SDG: Lea Co. NM

Client Sample ID: SW-7

Lab Sample ID: 880-14972-27
Matrix: Solid
Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/20/22 09:19	05/21/22 02:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*05/20/22 09:19*	*05/21/22 02:11*	*1*
o-Terphenyl	*98*		*70 - 130*	*05/20/22 09:19*	*05/21/22 02:11*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**13.4**		4.97		mg/Kg			05/24/22 12:07	1

Client Sample ID: SW-8

Lab Sample ID: 880-14972-28
Matrix: Solid
Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

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		05/19/22 12:43	05/20/22 00:43	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/19/22 12:43	05/20/22 00:43	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/19/22 12:43	05/20/22 00:43	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/19/22 12:43	05/20/22 00:43	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/19/22 12:43	05/20/22 00:43	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/19/22 12:43	05/20/22 00:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*05/19/22 12:43*	*05/20/22 00:43*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*05/19/22 12:43*	*05/20/22 00:43*	*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			05/20/22 10:21	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			05/20/22 08:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/20/22 09:19	05/21/22 02:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/20/22 09:19	05/21/22 02:33	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/20/22 09:19	05/21/22 02:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*104*		*70 - 130*	*05/20/22 09:19*	*05/21/22 02:33*	*1*
o-Terphenyl	*107*		*70 - 130*	*05/20/22 09:19*	*05/21/22 02:33*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**19.9**		4.99		mg/Kg			05/24/22 12:16	1

Client Sample Results

Client: NT Global
Project/Site: Flager 8 Fed 7H

Job ID: 880-14972-1
SDG: Lea Co. NM

Client Sample ID: SW-9

Lab Sample ID: 880-14972-29
Matrix: Solid
Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

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		05/19/22 12:43	05/20/22 01:03	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/19/22 12:43	05/20/22 01:03	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/19/22 12:43	05/20/22 01:03	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		05/19/22 12:43	05/20/22 01:03	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/19/22 12:43	05/20/22 01:03	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		05/19/22 12:43	05/20/22 01:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*05/19/22 12:43*	*05/20/22 01:03*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*05/19/22 12:43*	*05/20/22 01:03*	*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			05/20/22 10:21	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			05/20/22 08:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/20/22 09:19	05/21/22 02:55	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/20/22 09:19	05/21/22 02:55	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/20/22 09:19	05/21/22 02:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 130*	*05/20/22 09:19*	*05/21/22 02:55*	*1*
o-Terphenyl	*102*		*70 - 130*	*05/20/22 09:19*	*05/21/22 02:55*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**22.3**		4.95		mg/Kg			05/24/22 12:25	1

Client Sample ID: SW-10

Lab Sample ID: 880-14972-30
Matrix: Solid
Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

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		05/20/22 15:30	05/21/22 12:49	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/20/22 15:30	05/21/22 12:49	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/20/22 15:30	05/21/22 12:49	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/20/22 15:30	05/21/22 12:49	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/20/22 15:30	05/21/22 12:49	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/20/22 15:30	05/21/22 12:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*05/20/22 15:30*	*05/21/22 12:49*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*05/20/22 15:30*	*05/21/22 12:49*	*1*

Client Sample Results

Client: NT Global
Project/Site: Flager 8 Fed 7H

Job ID: 880-14972-1
SDG: Lea Co. NM

Client Sample ID: SW-10

Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

Lab Sample ID: 880-14972-30

Matrix: Solid

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			05/20/22 10:21	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			05/20/22 08:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/20/22 09:19	05/21/22 03:17	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/20/22 09:19	05/21/22 03:17	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/20/22 09:19	05/21/22 03:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*83*		*70 - 130*	*05/20/22 09:19*	*05/21/22 03:17*	*1*
o-Terphenyl	*89*		*70 - 130*	*05/20/22 09:19*	*05/21/22 03:17*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**19.7**		5.00		mg/Kg			05/24/22 12:34	1

Surrogate Summary

Client: NT Global
Project/Site: Flager 8 Fed 7H

Job ID: 880-14972-1
SDG: Lea Co. NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)											
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)										
880-14972-1	CS-1 (2')	112	90										
880-14972-1 MS	CS-1 (2')	110	92										
880-14972-1 MSD	CS-1 (2')	109	92										
880-14972-2	CS-2 (2')	112	86										
880-14972-3	CS-3 (2')	120	94										
880-14972-4	CS-4 (2')	115	88										
880-14972-5	CS-5 (2')	114	90										
880-14972-6	CS-6 (2')	118	86										
880-14972-7	CS-7 (2')	123	90										
880-14972-8	CS-8 (2')	123	91										
880-14972-9	CS-9 (2')	125	92										
880-14972-10	CS-10 (2')	115	89										
880-14972-11	CS-11 (3')	127	90										
880-14972-12	CS-12 (3')	123	92										
880-14972-13	CS-13 (3')	117	90										
880-14972-14	CS-14 (3')	120	91										
880-14972-15	CS-15 (3')	126	96										
880-14972-16	CS-16 (3')	118	96										
880-14972-17	CS-17 (3')	122	96										
880-14972-18	CS-18 (3')	123	95										
880-14972-19	CS-19 (5')	130	97										
880-14972-20	CS-20 (5')	125	95										
880-14972-21	SW-1	127	97										
880-14972-21 MS	SW-1	117	96										
880-14972-21 MSD	SW-1	120	93										
880-14972-22	SW-2	113	100										
880-14972-23	SW-3	124	100										
880-14972-24	SW-4	113	97										
880-14972-25	SW-5	127	100										
880-14972-26	SW-6	110	96										
880-14972-27	SW-7	127	98										
880-14972-28	SW-8	120	96										
880-14972-29	SW-9	116	93										
880-14972-30	SW-10	114	91										
890-2317-A-5-C MS	Matrix Spike	124	92										
890-2317-A-5-D MSD	Matrix Spike Duplicate	121	82										
LCS 880-25903/1-A	Lab Control Sample	107	91										
LCS 880-25906/1-A	Lab Control Sample	115	94										
LCS 880-25961/1-A	Lab Control Sample	116	103										
LCSD 880-25903/2-A	Lab Control Sample Dup	114	91										
LCSD 880-25906/2-A	Lab Control Sample Dup	109	93										
LCSD 880-25961/2-A	Lab Control Sample Dup	115	99										
MB 880-25859/8	Method Blank	104	92										
MB 880-25903/5-A	Method Blank	85	92										
MB 880-25906/5-A	Method Blank	113	95										
MB 880-25948/5-A	Method Blank	86	88										
MB 880-25961/5-A	Method Blank	89	86										

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

Surrogate Summary

Client: NT Global
Project/Site: Flager 8 Fed 7H

Job ID: 880-14972-1
SDG: Lea Co. NM

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)											
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)										
880-14972-1	CS-1 (2')	90	90										
880-14972-1 MS	CS-1 (2')	86	77										
880-14972-1 MSD	CS-1 (2')	84	75										
880-14972-2	CS-2 (2')	89	92										
880-14972-3	CS-3 (2')	104	107										
880-14972-4	CS-4 (2')	107	110										
880-14972-5	CS-5 (2')	93	97										
880-14972-6	CS-6 (2')	94	95										
880-14972-7	CS-7 (2')	92	94										
880-14972-8	CS-8 (2')	107	112										
880-14972-9	CS-9 (2')	91	92										
880-14972-10	CS-10 (2')	96	99										
880-14972-11	CS-11 (3')	116	121										
880-14972-12	CS-12 (3')	116	119										
880-14972-13	CS-13 (3')	112	114										
880-14972-14	CS-14 (3')	115	118										
880-14972-15	CS-15 (3')	100	102										
880-14972-16	CS-16 (3')	98	100										
880-14972-17	CS-17 (3')	115	121										
880-14972-18	CS-18 (3')	98	100										
880-14972-19	CS-19 (5')	92	95										
880-14972-20	CS-20 (5')	103	106										
880-14972-21	SW-1	99	102										
880-14972-21 MS	SW-1	105	98										
880-14972-21 MSD	SW-1	101	97										
880-14972-22	SW-2	88	91										
880-14972-23	SW-3	96	98										
880-14972-24	SW-4	107	107										
880-14972-25	SW-5	96	97										
880-14972-26	SW-6	111	118										
880-14972-27	SW-7	96	98										
880-14972-28	SW-8	104	107										
880-14972-29	SW-9	97	102										
880-14972-30	SW-10	83	89										
LCS 880-25888/2-A	Lab Control Sample	97	93										
LCS 880-25960/2-A	Lab Control Sample	89	89										
LCSD 880-25888/3-A	Lab Control Sample Dup	103	98										
LCSD 880-25960/3-A	Lab Control Sample Dup	116	116										
MB 880-25888/1-A	Method Blank	106	116										
MB 880-25960/1-A	Method Blank	114	126										

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: NT Global
Project/Site: Flager 8 Fed 7H

Job ID: 880-14972-1
SDG: Lea Co. NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-25859/8
Matrix: Solid
Analysis Batch: 25859

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg			05/19/22 11:23	1
Toluene	<0.00200	U	0.00200		mg/Kg			05/19/22 11:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg			05/19/22 11:23	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg			05/19/22 11:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg			05/19/22 11:23	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg			05/19/22 11:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*		*05/19/22 11:23*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*		*05/19/22 11:23*	*1*

Lab Sample ID: MB 880-25903/5-A
Matrix: Solid
Analysis Batch: 25817

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 25903

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/19/22 12:37	05/19/22 15:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/19/22 12:37	05/19/22 15:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/19/22 12:37	05/19/22 15:50	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/19/22 12:37	05/19/22 15:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/19/22 12:37	05/19/22 15:50	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/19/22 12:37	05/19/22 15:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*	*05/19/22 12:37*	*05/19/22 15:50*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*05/19/22 12:37*	*05/19/22 15:50*	*1*

Lab Sample ID: LCS 880-25903/1-A
Matrix: Solid
Analysis Batch: 25817

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 25903

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1042		mg/Kg		104	70 - 130		
Toluene			0.100	0.1063		mg/Kg		106	70 - 130		
Ethylbenzene			0.100	0.1097		mg/Kg		110	70 - 130		
m-Xylene & p-Xylene			0.200	0.2229		mg/Kg		111	70 - 130		
o-Xylene			0.100	0.1096		mg/Kg		110	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*

Lab Sample ID: LCSD 880-25903/2-A
Matrix: Solid
Analysis Batch: 25817

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 25903

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1091		mg/Kg		109	70 - 130	5	35

QC Sample Results

Client: NT Global
Project/Site: Flager 8 Fed 7H

Job ID: 880-14972-1
SDG: Lea Co. NM

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

Lab Sample ID: LCSD 880-25903/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25817 — **Prep Batch: 25903**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.1134		mg/Kg		113	70 - 130	6	35
Ethylbenzene			0.100	0.1147		mg/Kg		115	70 - 130	4	35
m-Xylene & p-Xylene			0.200	0.2324		mg/Kg		116	70 - 130	4	35
o-Xylene			0.100	0.1142		mg/Kg		114	70 - 130	4	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*

Lab Sample ID: 880-14972-1 MS — **Client Sample ID: CS-1 (2')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25817 — **Prep Batch: 25903**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.0996	0.09708		mg/Kg		97	70 - 130
Toluene	<0.00200	U	0.0996	0.1026		mg/Kg		102	70 - 130
Ethylbenzene	<0.00200	U	0.0996	0.09625		mg/Kg		97	70 - 130
m-Xylene & p-Xylene	<0.00401	U	0.199	0.1920		mg/Kg		96	70 - 130
o-Xylene	<0.00200	U	0.0996	0.08955		mg/Kg		90	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*

Lab Sample ID: 880-14972-1 MSD — **Client Sample ID: CS-1 (2')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25817 — **Prep Batch: 25903**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0994	0.09594		mg/Kg		97	70 - 130	1	35
Toluene	<0.00200	U	0.0994	0.1006		mg/Kg		100	70 - 130	2	35
Ethylbenzene	<0.00200	U	0.0994	0.09655		mg/Kg		97	70 - 130	0	35
m-Xylene & p-Xylene	<0.00401	U	0.199	0.1940		mg/Kg		98	70 - 130	1	35
o-Xylene	<0.00200	U	0.0994	0.09477		mg/Kg		95	70 - 130	6	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*

Lab Sample ID: MB 880-25906/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25859 — **Prep Batch: 25906**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/19/22 12:43	05/19/22 21:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/19/22 12:43	05/19/22 21:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/19/22 12:43	05/19/22 21:58	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/19/22 12:43	05/19/22 21:58	1

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QC Sample Results

Client: NT Global
Project/Site: Flager 8 Fed 7H

Job ID: 880-14972-1
SDG: Lea Co. NM

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

Lab Sample ID: MB 880-25906/5-A
Matrix: Solid
Analysis Batch: 25859

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 25906

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/19/22 12:43	05/19/22 21:58	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/19/22 12:43	05/19/22 21:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*05/19/22 12:43*	*05/19/22 21:58*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*05/19/22 12:43*	*05/19/22 21:58*	*1*

Lab Sample ID: LCS 880-25906/1-A
Matrix: Solid
Analysis Batch: 25859

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 25906

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.07709		mg/Kg		77	70 - 130
Toluene	0.100	0.09589		mg/Kg		96	70 - 130
Ethylbenzene	0.100	0.09856		mg/Kg		99	70 - 130
m-Xylene & p-Xylene	0.200	0.2110		mg/Kg		106	70 - 130
o-Xylene	0.100	0.1074		mg/Kg		107	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*

Lab Sample ID: LCSD 880-25906/2-A
Matrix: Solid
Analysis Batch: 25859

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 25906

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.07641		mg/Kg		76	70 - 130	1	35
Toluene	0.100	0.09343		mg/Kg		93	70 - 130	3	35
Ethylbenzene	0.100	0.09553		mg/Kg		96	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2062		mg/Kg		103	70 - 130	2	35
o-Xylene	0.100	0.1044		mg/Kg		104	70 - 130	3	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*

Lab Sample ID: 880-14972-21 MS
Matrix: Solid
Analysis Batch: 25859

Client Sample ID: SW-1
Prep Type: Total/NA
Prep Batch: 25906

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U F1	0.0994	0.04630	F1	mg/Kg		47	70 - 130
Toluene	<0.00199	U F1 F2	0.0994	0.05728	F1	mg/Kg		58	70 - 130
Ethylbenzene	<0.00199	U F1	0.0994	0.06490	F1	mg/Kg		65	70 - 130
m-Xylene & p-Xylene	<0.00398	U F1	0.199	0.1375	F1	mg/Kg		69	70 - 130
o-Xylene	<0.00199	U	0.0994	0.07301		mg/Kg		73	70 - 130

QC Sample Results

Client: NT Global
Project/Site: Flager 8 Fed 7H

Job ID: 880-14972-1
SDG: Lea Co. NM

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

Lab Sample ID: 880-14972-21 MS
Matrix: Solid
Analysis Batch: 25859

Client Sample ID: SW-1
Prep Type: Total/NA
Prep Batch: 25906

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*

Lab Sample ID: 880-14972-21 MSD
Matrix: Solid
Analysis Batch: 25859

Client Sample ID: SW-1
Prep Type: Total/NA
Prep Batch: 25906

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U F1	0.101	0.06575	F1	mg/Kg		65	70 - 130	35	35
Toluene	<0.00199	U F1 F2	0.101	0.08371	F2	mg/Kg		83	70 - 130	37	35
Ethylbenzene	<0.00199	U F1	0.101	0.08886		mg/Kg		88	70 - 130	31	35
m-Xylene & p-Xylene	<0.00398	U F1	0.201	0.1880		mg/Kg		93	70 - 130	31	35
o-Xylene	<0.00199	U	0.101	0.09630		mg/Kg		96	70 - 130	28	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*

Lab Sample ID: MB 880-25948/5-A
Matrix: Solid
Analysis Batch: 25945

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 25948

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000400	U	0.000400		mg/Kg		05/20/22 09:18	05/20/22 17:07	1
Toluene	<0.000400	U	0.000400		mg/Kg		05/20/22 09:18	05/20/22 17:07	1
Ethylbenzene	<0.000400	U	0.000400		mg/Kg		05/20/22 09:18	05/20/22 17:07	1
m-Xylene & p-Xylene	<0.000800	U	0.000800		mg/Kg		05/20/22 09:18	05/20/22 17:07	1
o-Xylene	<0.000400	U	0.000400		mg/Kg		05/20/22 09:18	05/20/22 17:07	1
Xylenes, Total	<0.000800	U	0.000800		mg/Kg		05/20/22 09:18	05/20/22 17:07	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*	*05/20/22 09:18*	*05/20/22 17:07*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*05/20/22 09:18*	*05/20/22 17:07*	*1*

Lab Sample ID: MB 880-25961/5-A
Matrix: Solid
Analysis Batch: 25945

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 25961

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/20/22 09:25	05/21/22 06:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/20/22 09:25	05/21/22 06:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/20/22 09:25	05/21/22 06:40	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/20/22 09:25	05/21/22 06:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/20/22 09:25	05/21/22 06:40	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/20/22 09:25	05/21/22 06:40	1

QC Sample Results

Client: NT Global
Project/Site: Flager 8 Fed 7H

Job ID: 880-14972-1
SDG: Lea Co. NM

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

Lab Sample ID: MB 880-25961/5-A
Matrix: Solid
Analysis Batch: 25945

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 25961

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130	05/20/22 09:25	05/21/22 06:40	1
1,4-Difluorobenzene (Surr)	86		70 - 130	05/20/22 09:25	05/21/22 06:40	1

Lab Sample ID: LCS 880-25961/1-A
Matrix: Solid
Analysis Batch: 25945

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 25961

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1251		mg/Kg		125	70 - 130		
Toluene			0.100	0.1152		mg/Kg		115	70 - 130		
Ethylbenzene			0.100	0.1121		mg/Kg		112	70 - 130		
m-Xylene & p-Xylene			0.200	0.2264		mg/Kg		113	70 - 130		
o-Xylene			0.100	0.1126		mg/Kg		113	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	116		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-25961/2-A
Matrix: Solid
Analysis Batch: 25945

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 25961

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1109		mg/Kg		111	70 - 130	12	35
Toluene			0.100	0.09968		mg/Kg		100	70 - 130	14	35
Ethylbenzene			0.100	0.1006		mg/Kg		101	70 - 130	11	35
m-Xylene & p-Xylene			0.200	0.2035		mg/Kg		102	70 - 130	11	35
o-Xylene			0.100	0.1018		mg/Kg		102	70 - 130	10	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	115		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 890-2317-A-5-C MS
Matrix: Solid
Analysis Batch: 25945

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 25961

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00199	U F2 F1	0.100	0.02880	F1	mg/Kg		29	70 - 130		
Toluene	<0.00199	U F2 F1	0.100	0.03226	F1	mg/Kg		32	70 - 130		
Ethylbenzene	<0.00199	U F2 F1	0.100	0.03096	F1	mg/Kg		31	70 - 130		
m-Xylene & p-Xylene	<0.00398	U F2 F1	0.200	0.06426	F1	mg/Kg		32	70 - 130		
o-Xylene	<0.00199	U F2 F1	0.100	0.03583	F1	mg/Kg		36	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	124		70 - 130
1,4-Difluorobenzene (Surr)	92		70 - 130

QC Sample Results

Client: NT Global
Project/Site: Flager 8 Fed 7H

Job ID: 880-14972-1
SDG: Lea Co. NM

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

Lab Sample ID: 890-2317-A-5-D MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25945 — **Prep Batch: 25961**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U F2 F1	0.101	0.09361	F2	mg/Kg		93	70 - 130	106	35
Toluene	<0.00199	U F2 F1	0.101	0.09356	F2	mg/Kg		93	70 - 130	97	35
Ethylbenzene	<0.00199	U F2 F1	0.101	0.08576	F2	mg/Kg		85	70 - 130	94	35
m-Xylene & p-Xylene	<0.00398	U F2 F1	0.202	0.1698	F2	mg/Kg		84	70 - 130	90	35
o-Xylene	<0.00199	U F2 F1	0.101	0.08523	F2	mg/Kg		84	70 - 130	82	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*

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

Lab Sample ID: MB 880-25888/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25852 — **Prep Batch: 25888**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/19/22 11:24	05/19/22 11:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/19/22 11:24	05/19/22 11:39	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/19/22 11:24	05/19/22 11:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*106*		*70 - 130*	*05/19/22 11:24*	*05/19/22 11:39*	*1*
o-Terphenyl	*116*		*70 - 130*	*05/19/22 11:24*	*05/19/22 11:39*	*1*

Lab Sample ID: LCS 880-25888/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25852 — **Prep Batch: 25888**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1158		mg/Kg		116	70 - 130
Diesel Range Organics (Over C10-C28)	1000	944.3		mg/Kg		94	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*97*		*70 - 130*
o-Terphenyl	*93*		*70 - 130*

Lab Sample ID: LCSD 880-25888/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25852 — **Prep Batch: 25888**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1183		mg/Kg		118	70 - 130	2	20

QC Sample Results

Client: NT Global
Project/Site: Flager 8 Fed 7H

Job ID: 880-14972-1
SDG: Lea Co. NM

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

Lab Sample ID: LCSD 880-25888/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25852 — **Prep Batch: 25888**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics (Over C10-C28)			1000	1022		mg/Kg		102	70 - 130	8	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*103*		*70 - 130*
o-Terphenyl	*98*		*70 - 130*

Lab Sample ID: 880-14972-1 MS — **Client Sample ID: CS-1 (2')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25852 — **Prep Batch: 25888**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	1161		mg/Kg		114	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	964.2		mg/Kg		96	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*86*		*70 - 130*
o-Terphenyl	*77*		*70 - 130*

Lab Sample ID: 880-14972-1 MSD — **Client Sample ID: CS-1 (2')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25852 — **Prep Batch: 25888**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	1173		mg/Kg		115	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.0	U	999	936.4		mg/Kg		94	70 - 130	3	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*84*		*70 - 130*
o-Terphenyl	*75*		*70 - 130*

Lab Sample ID: MB 880-25960/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25938 — **Prep Batch: 25960**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/20/22 09:19	05/20/22 22:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/20/22 09:19	05/20/22 22:11	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/20/22 09:19	05/20/22 22:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*114*		*70 - 130*	*05/20/22 09:19*	*05/20/22 22:11*	*1*
o-Terphenyl	*126*		*70 - 130*	*05/20/22 09:19*	*05/20/22 22:11*	*1*

Eurofins Midland

QC Sample Results

Client: NT Global
Project/Site: Flager 8 Fed 7H

Job ID: 880-14972-1
SDG: Lea Co. NM

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

Lab Sample ID: LCS 880-25960/2-A
Matrix: Solid
Analysis Batch: 25938

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 25960

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1081		mg/Kg		108	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	857.0		mg/Kg		86	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*89*		*70 - 130*
o-Terphenyl	*89*		*70 - 130*

Lab Sample ID: LCSD 880-25960/3-A
Matrix: Solid
Analysis Batch: 25938

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 25960

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1191		mg/Kg		119	70 - 130	10	20
Diesel Range Organics (Over C10-C28)			1000	1019		mg/Kg		102	70 - 130	17	20

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

Lab Sample ID: 880-14972-21 MS
Matrix: Solid
Analysis Batch: 25938

Client Sample ID: SW-1
Prep Type: Total/NA
Prep Batch: 25960

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	1099		mg/Kg		107	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	780.4		mg/Kg		78	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*105*		*70 - 130*
o-Terphenyl	*98*		*70 - 130*

Lab Sample ID: 880-14972-21 MSD
Matrix: Solid
Analysis Batch: 25938

Client Sample ID: SW-1
Prep Type: Total/NA
Prep Batch: 25960

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	948.0		mg/Kg		92	70 - 130	15	20
Diesel Range Organics (Over C10-C28)	<50.0	U	999	759.9		mg/Kg		76	70 - 130	3	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*101*		*70 - 130*

QC Sample Results

Client: NT Global
Project/Site: Flager 8 Fed 7H

Job ID: 880-14972-1
SDG: Lea Co. NM

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

Lab Sample ID: 880-14972-21 MSD
Matrix: Solid
Analysis Batch: 25938

Client Sample ID: SW-1
Prep Type: Total/NA
Prep Batch: 25960

Surrogate	MSD %Recovery	MSD Qualifier	Limits
o-Terphenyl	97		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-25902/1-A
Matrix: Solid
Analysis Batch: 26055

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			05/23/22 15:56	1

Lab Sample ID: LCS 880-25902/2-A
Matrix: Solid
Analysis Batch: 26055

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	251.3		mg/Kg		101	90 - 110		

Lab Sample ID: LCSD 880-25902/3-A
Matrix: Solid
Analysis Batch: 26055

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	252.3		mg/Kg		101	90 - 110	0	20

Lab Sample ID: 880-14972-4 MS
Matrix: Solid
Analysis Batch: 26055

Client Sample ID: CS-4 (2')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	24.9		249	272.5		mg/Kg		99	90 - 110		

Lab Sample ID: 880-14972-4 MSD
Matrix: Solid
Analysis Batch: 26055

Client Sample ID: CS-4 (2')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	24.9		249	271.8		mg/Kg		99	90 - 110	0	20

Lab Sample ID: MB 880-25904/1-A
Matrix: Solid
Analysis Batch: 26056

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			05/24/22 08:25	1

QC Sample Results

Client: NT Global
Project/Site: Flager 8 Fed 7H

Job ID: 880-14972-1
SDG: Lea Co. NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-25904/2-A
Matrix: Solid
Analysis Batch: 26056

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	250.9		mg/Kg		100	90 - 110		

Lab Sample ID: LCSD 880-25904/3-A
Matrix: Solid
Analysis Batch: 26056

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	252.0		mg/Kg		101	90 - 110	0	20

Lab Sample ID: 880-14972-14 MS
Matrix: Solid
Analysis Batch: 26056

Client Sample ID: CS-14 (3')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	134		249	387.1		mg/Kg		102	90 - 110		

Lab Sample ID: 880-14972-14 MSD
Matrix: Solid
Analysis Batch: 26056

Client Sample ID: CS-14 (3')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	134		249	387.3		mg/Kg		102	90 - 110	0	20

Lab Sample ID: 880-14972-24 MS
Matrix: Solid
Analysis Batch: 26056

Client Sample ID: SW-4
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	24.0		248	288.9		mg/Kg		107	90 - 110		

Lab Sample ID: 880-14972-24 MSD
Matrix: Solid
Analysis Batch: 26056

Client Sample ID: SW-4
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	24.0		248	276.5		mg/Kg		102	90 - 110	4	20

QC Association Summary

Client: NT Global
Project/Site: Flager 8 Fed 7H

Job ID: 880-14972-1
SDG: Lea Co. NM

GC VOA

Analysis Batch: 25817

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14972-1	CS-1 (2')	Total/NA	Solid	8021B	25903
880-14972-2	CS-2 (2')	Total/NA	Solid	8021B	25903
880-14972-3	CS-3 (2')	Total/NA	Solid	8021B	25903
880-14972-4	CS-4 (2')	Total/NA	Solid	8021B	25903
880-14972-5	CS-5 (2')	Total/NA	Solid	8021B	25903
880-14972-6	CS-6 (2')	Total/NA	Solid	8021B	25903
880-14972-7	CS-7 (2')	Total/NA	Solid	8021B	25903
880-14972-8	CS-8 (2')	Total/NA	Solid	8021B	25903
880-14972-9	CS-9 (2')	Total/NA	Solid	8021B	25903
880-14972-10	CS-10 (2')	Total/NA	Solid	8021B	25903
880-14972-11	CS-11 (3')	Total/NA	Solid	8021B	25903
880-14972-12	CS-12 (3')	Total/NA	Solid	8021B	25903
880-14972-13	CS-13 (3')	Total/NA	Solid	8021B	25903
880-14972-14	CS-14 (3')	Total/NA	Solid	8021B	25903
880-14972-15	CS-15 (3')	Total/NA	Solid	8021B	25903
880-14972-16	CS-16 (3')	Total/NA	Solid	8021B	25903
880-14972-17	CS-17 (3')	Total/NA	Solid	8021B	25903
880-14972-18	CS-18 (3')	Total/NA	Solid	8021B	25903
880-14972-19	CS-19 (5')	Total/NA	Solid	8021B	25903
MB 880-25903/5-A	Method Blank	Total/NA	Solid	8021B	25903
LCS 880-25903/1-A	Lab Control Sample	Total/NA	Solid	8021B	25903
LCSD 880-25903/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	25903
880-14972-1 MS	CS-1 (2')	Total/NA	Solid	8021B	25903
880-14972-1 MSD	CS-1 (2')	Total/NA	Solid	8021B	25903

Analysis Batch: 25859

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14972-21	SW-1	Total/NA	Solid	8021B	25906
880-14972-22	SW-2	Total/NA	Solid	8021B	25906
880-14972-23	SW-3	Total/NA	Solid	8021B	25906
880-14972-24	SW-4	Total/NA	Solid	8021B	25906
880-14972-25	SW-5	Total/NA	Solid	8021B	25906
880-14972-26	SW-6	Total/NA	Solid	8021B	25906
880-14972-27	SW-7	Total/NA	Solid	8021B	25906
880-14972-28	SW-8	Total/NA	Solid	8021B	25906
880-14972-29	SW-9	Total/NA	Solid	8021B	25906
MB 880-25859/8	Method Blank	Total/NA	Solid	8021B	
MB 880-25906/5-A	Method Blank	Total/NA	Solid	8021B	25906
LCS 880-25906/1-A	Lab Control Sample	Total/NA	Solid	8021B	25906
LCSD 880-25906/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	25906
880-14972-21 MS	SW-1	Total/NA	Solid	8021B	25906
880-14972-21 MSD	SW-1	Total/NA	Solid	8021B	25906

Prep Batch: 25903

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14972-1	CS-1 (2')	Total/NA	Solid	5035	
880-14972-2	CS-2 (2')	Total/NA	Solid	5035	
880-14972-3	CS-3 (2')	Total/NA	Solid	5035	
880-14972-4	CS-4 (2')	Total/NA	Solid	5035	
880-14972-5	CS-5 (2')	Total/NA	Solid	5035	
880-14972-6	CS-6 (2')	Total/NA	Solid	5035	

QC Association Summary

Client: NT Global
Project/Site: Flager 8 Fed 7H

Job ID: 880-14972-1
SDG: Lea Co. NM

GC VOA (Continued)

Prep Batch: 25903 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14972-7	CS-7 (2')	Total/NA	Solid	5035	
880-14972-8	CS-8 (2')	Total/NA	Solid	5035	
880-14972-9	CS-9 (2')	Total/NA	Solid	5035	
880-14972-10	CS-10 (2')	Total/NA	Solid	5035	
880-14972-11	CS-11 (3')	Total/NA	Solid	5035	
880-14972-12	CS-12 (3')	Total/NA	Solid	5035	
880-14972-13	CS-13 (3')	Total/NA	Solid	5035	
880-14972-14	CS-14 (3')	Total/NA	Solid	5035	
880-14972-15	CS-15 (3')	Total/NA	Solid	5035	
880-14972-16	CS-16 (3')	Total/NA	Solid	5035	
880-14972-17	CS-17 (3')	Total/NA	Solid	5035	
880-14972-18	CS-18 (3')	Total/NA	Solid	5035	
880-14972-19	CS-19 (5')	Total/NA	Solid	5035	
MB 880-25903/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-25903/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-25903/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-14972-1 MS	CS-1 (2')	Total/NA	Solid	5035	
880-14972-1 MSD	CS-1 (2')	Total/NA	Solid	5035	

Prep Batch: 25906

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14972-21	SW-1	Total/NA	Solid	5035	
880-14972-22	SW-2	Total/NA	Solid	5035	
880-14972-23	SW-3	Total/NA	Solid	5035	
880-14972-24	SW-4	Total/NA	Solid	5035	
880-14972-25	SW-5	Total/NA	Solid	5035	
880-14972-26	SW-6	Total/NA	Solid	5035	
880-14972-27	SW-7	Total/NA	Solid	5035	
880-14972-28	SW-8	Total/NA	Solid	5035	
880-14972-29	SW-9	Total/NA	Solid	5035	
MB 880-25906/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-25906/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-25906/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-14972-21 MS	SW-1	Total/NA	Solid	5035	
880-14972-21 MSD	SW-1	Total/NA	Solid	5035	

Analysis Batch: 25945

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14972-20	CS-20 (5')	Total/NA	Solid	8021B	25961
880-14972-30	SW-10	Total/NA	Solid	8021B	25961
MB 880-25948/5-A	Method Blank	Total/NA	Solid	8021B	25948
MB 880-25961/5-A	Method Blank	Total/NA	Solid	8021B	25961
LCS 880-25961/1-A	Lab Control Sample	Total/NA	Solid	8021B	25961
LCSD 880-25961/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	25961
890-2317-A-5-C MS	Matrix Spike	Total/NA	Solid	8021B	25961
890-2317-A-5-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	25961

Prep Batch: 25948

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-25948/5-A	Method Blank	Total/NA	Solid	5035	

QC Association Summary

Client: NT Global
Project/Site: Flager 8 Fed 7H

Job ID: 880-14972-1
SDG: Lea Co. NM

GC VOA

Prep Batch: 25961

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14972-20	CS-20 (5')	Total/NA	Solid	5035	
880-14972-30	SW-10	Total/NA	Solid	5035	
MB 880-25961/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-25961/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-25961/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2317-A-5-C MS	Matrix Spike	Total/NA	Solid	5035	
890-2317-A-5-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 25969

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14972-1	CS-1 (2')	Total/NA	Solid	Total BTEX	
880-14972-2	CS-2 (2')	Total/NA	Solid	Total BTEX	
880-14972-3	CS-3 (2')	Total/NA	Solid	Total BTEX	
880-14972-4	CS-4 (2')	Total/NA	Solid	Total BTEX	
880-14972-5	CS-5 (2')	Total/NA	Solid	Total BTEX	
880-14972-6	CS-6 (2')	Total/NA	Solid	Total BTEX	
880-14972-7	CS-7 (2')	Total/NA	Solid	Total BTEX	
880-14972-8	CS-8 (2')	Total/NA	Solid	Total BTEX	
880-14972-9	CS-9 (2')	Total/NA	Solid	Total BTEX	
880-14972-10	CS-10 (2')	Total/NA	Solid	Total BTEX	
880-14972-11	CS-11 (3')	Total/NA	Solid	Total BTEX	
880-14972-12	CS-12 (3')	Total/NA	Solid	Total BTEX	
880-14972-13	CS-13 (3')	Total/NA	Solid	Total BTEX	
880-14972-14	CS-14 (3')	Total/NA	Solid	Total BTEX	
880-14972-15	CS-15 (3')	Total/NA	Solid	Total BTEX	
880-14972-16	CS-16 (3')	Total/NA	Solid	Total BTEX	
880-14972-17	CS-17 (3')	Total/NA	Solid	Total BTEX	
880-14972-18	CS-18 (3')	Total/NA	Solid	Total BTEX	
880-14972-19	CS-19 (5')	Total/NA	Solid	Total BTEX	
880-14972-20	CS-20 (5')	Total/NA	Solid	Total BTEX	
880-14972-21	SW-1	Total/NA	Solid	Total BTEX	
880-14972-22	SW-2	Total/NA	Solid	Total BTEX	
880-14972-23	SW-3	Total/NA	Solid	Total BTEX	
880-14972-24	SW-4	Total/NA	Solid	Total BTEX	
880-14972-25	SW-5	Total/NA	Solid	Total BTEX	
880-14972-26	SW-6	Total/NA	Solid	Total BTEX	
880-14972-27	SW-7	Total/NA	Solid	Total BTEX	
880-14972-28	SW-8	Total/NA	Solid	Total BTEX	
880-14972-29	SW-9	Total/NA	Solid	Total BTEX	
880-14972-30	SW-10	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 25852

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14972-1	CS-1 (2')	Total/NA	Solid	8015B NM	25888
880-14972-2	CS-2 (2')	Total/NA	Solid	8015B NM	25888
880-14972-3	CS-3 (2')	Total/NA	Solid	8015B NM	25888
880-14972-4	CS-4 (2')	Total/NA	Solid	8015B NM	25888
880-14972-5	CS-5 (2')	Total/NA	Solid	8015B NM	25888
880-14972-6	CS-6 (2')	Total/NA	Solid	8015B NM	25888

QC Association Summary

Client: NT Global
Project/Site: Flager 8 Fed 7H

Job ID: 880-14972-1
SDG: Lea Co. NM

GC Semi VOA (Continued)

Analysis Batch: 25852 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14972-7	CS-7 (2')	Total/NA	Solid	8015B NM	25888
880-14972-8	CS-8 (2')	Total/NA	Solid	8015B NM	25888
880-14972-9	CS-9 (2')	Total/NA	Solid	8015B NM	25888
880-14972-10	CS-10 (2')	Total/NA	Solid	8015B NM	25888
880-14972-11	CS-11 (3')	Total/NA	Solid	8015B NM	25888
880-14972-12	CS-12 (3')	Total/NA	Solid	8015B NM	25888
880-14972-13	CS-13 (3')	Total/NA	Solid	8015B NM	25888
880-14972-14	CS-14 (3')	Total/NA	Solid	8015B NM	25888
880-14972-15	CS-15 (3')	Total/NA	Solid	8015B NM	25888
880-14972-16	CS-16 (3')	Total/NA	Solid	8015B NM	25888
880-14972-17	CS-17 (3')	Total/NA	Solid	8015B NM	25888
880-14972-18	CS-18 (3')	Total/NA	Solid	8015B NM	25888
880-14972-19	CS-19 (5')	Total/NA	Solid	8015B NM	25888
880-14972-20	CS-20 (5')	Total/NA	Solid	8015B NM	25888
MB 880-25888/1-A	Method Blank	Total/NA	Solid	8015B NM	25888
LCS 880-25888/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	25888
LCSD 880-25888/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	25888
880-14972-1 MS	CS-1 (2')	Total/NA	Solid	8015B NM	25888
880-14972-1 MSD	CS-1 (2')	Total/NA	Solid	8015B NM	25888

Prep Batch: 25888

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14972-1	CS-1 (2')	Total/NA	Solid	8015NM Prep	
880-14972-2	CS-2 (2')	Total/NA	Solid	8015NM Prep	
880-14972-3	CS-3 (2')	Total/NA	Solid	8015NM Prep	
880-14972-4	CS-4 (2')	Total/NA	Solid	8015NM Prep	
880-14972-5	CS-5 (2')	Total/NA	Solid	8015NM Prep	
880-14972-6	CS-6 (2')	Total/NA	Solid	8015NM Prep	
880-14972-7	CS-7 (2')	Total/NA	Solid	8015NM Prep	
880-14972-8	CS-8 (2')	Total/NA	Solid	8015NM Prep	
880-14972-9	CS-9 (2')	Total/NA	Solid	8015NM Prep	
880-14972-10	CS-10 (2')	Total/NA	Solid	8015NM Prep	
880-14972-11	CS-11 (3')	Total/NA	Solid	8015NM Prep	
880-14972-12	CS-12 (3')	Total/NA	Solid	8015NM Prep	
880-14972-13	CS-13 (3')	Total/NA	Solid	8015NM Prep	
880-14972-14	CS-14 (3')	Total/NA	Solid	8015NM Prep	
880-14972-15	CS-15 (3')	Total/NA	Solid	8015NM Prep	
880-14972-16	CS-16 (3')	Total/NA	Solid	8015NM Prep	
880-14972-17	CS-17 (3')	Total/NA	Solid	8015NM Prep	
880-14972-18	CS-18 (3')	Total/NA	Solid	8015NM Prep	
880-14972-19	CS-19 (5')	Total/NA	Solid	8015NM Prep	
880-14972-20	CS-20 (5')	Total/NA	Solid	8015NM Prep	
MB 880-25888/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-25888/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-25888/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-14972-1 MS	CS-1 (2')	Total/NA	Solid	8015NM Prep	
880-14972-1 MSD	CS-1 (2')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 25938

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14972-21	SW-1	Total/NA	Solid	8015B NM	25960

QC Association Summary

Client: NT Global
Project/Site: Flager 8 Fed 7H

Job ID: 880-14972-1
SDG: Lea Co. NM

GC Semi VOA (Continued)

Analysis Batch: 25938 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14972-22	SW-2	Total/NA	Solid	8015B NM	25960
880-14972-23	SW-3	Total/NA	Solid	8015B NM	25960
880-14972-24	SW-4	Total/NA	Solid	8015B NM	25960
880-14972-25	SW-5	Total/NA	Solid	8015B NM	25960
880-14972-26	SW-6	Total/NA	Solid	8015B NM	25960
880-14972-27	SW-7	Total/NA	Solid	8015B NM	25960
880-14972-28	SW-8	Total/NA	Solid	8015B NM	25960
880-14972-29	SW-9	Total/NA	Solid	8015B NM	25960
880-14972-30	SW-10	Total/NA	Solid	8015B NM	25960
MB 880-25960/1-A	Method Blank	Total/NA	Solid	8015B NM	25960
LCS 880-25960/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	25960
LCSD 880-25960/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	25960
880-14972-21 MS	SW-1	Total/NA	Solid	8015B NM	25960
880-14972-21 MSD	SW-1	Total/NA	Solid	8015B NM	25960

Analysis Batch: 25946

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14972-1	CS-1 (2')	Total/NA	Solid	8015 NM	
880-14972-2	CS-2 (2')	Total/NA	Solid	8015 NM	
880-14972-3	CS-3 (2')	Total/NA	Solid	8015 NM	
880-14972-4	CS-4 (2')	Total/NA	Solid	8015 NM	
880-14972-5	CS-5 (2')	Total/NA	Solid	8015 NM	
880-14972-6	CS-6 (2')	Total/NA	Solid	8015 NM	
880-14972-7	CS-7 (2')	Total/NA	Solid	8015 NM	
880-14972-8	CS-8 (2')	Total/NA	Solid	8015 NM	
880-14972-9	CS-9 (2')	Total/NA	Solid	8015 NM	
880-14972-10	CS-10 (2')	Total/NA	Solid	8015 NM	
880-14972-11	CS-11 (3')	Total/NA	Solid	8015 NM	
880-14972-12	CS-12 (3')	Total/NA	Solid	8015 NM	
880-14972-13	CS-13 (3')	Total/NA	Solid	8015 NM	
880-14972-14	CS-14 (3')	Total/NA	Solid	8015 NM	
880-14972-15	CS-15 (3')	Total/NA	Solid	8015 NM	
880-14972-16	CS-16 (3')	Total/NA	Solid	8015 NM	
880-14972-17	CS-17 (3')	Total/NA	Solid	8015 NM	
880-14972-18	CS-18 (3')	Total/NA	Solid	8015 NM	
880-14972-19	CS-19 (5')	Total/NA	Solid	8015 NM	
880-14972-20	CS-20 (5')	Total/NA	Solid	8015 NM	
880-14972-21	SW-1	Total/NA	Solid	8015 NM	
880-14972-22	SW-2	Total/NA	Solid	8015 NM	
880-14972-23	SW-3	Total/NA	Solid	8015 NM	
880-14972-24	SW-4	Total/NA	Solid	8015 NM	
880-14972-25	SW-5	Total/NA	Solid	8015 NM	
880-14972-26	SW-6	Total/NA	Solid	8015 NM	
880-14972-27	SW-7	Total/NA	Solid	8015 NM	
880-14972-28	SW-8	Total/NA	Solid	8015 NM	
880-14972-29	SW-9	Total/NA	Solid	8015 NM	
880-14972-30	SW-10	Total/NA	Solid	8015 NM	

Prep Batch: 25960

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14972-21	SW-1	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: NT Global
Project/Site: Flager 8 Fed 7H

Job ID: 880-14972-1
SDG: Lea Co. NM

GC Semi VOA (Continued)

Prep Batch: 25960 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14972-22	SW-2	Total/NA	Solid	8015NM Prep	
880-14972-23	SW-3	Total/NA	Solid	8015NM Prep	
880-14972-24	SW-4	Total/NA	Solid	8015NM Prep	
880-14972-25	SW-5	Total/NA	Solid	8015NM Prep	
880-14972-26	SW-6	Total/NA	Solid	8015NM Prep	
880-14972-27	SW-7	Total/NA	Solid	8015NM Prep	
880-14972-28	SW-8	Total/NA	Solid	8015NM Prep	
880-14972-29	SW-9	Total/NA	Solid	8015NM Prep	
880-14972-30	SW-10	Total/NA	Solid	8015NM Prep	
MB 880-25960/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-25960/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-25960/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-14972-21 MS	SW-1	Total/NA	Solid	8015NM Prep	
880-14972-21 MSD	SW-1	Total/NA	Solid	8015NM Prep	

HPLC/IC

Leach Batch: 25902

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14972-1	CS-1 (2')	Soluble	Solid	DI Leach	
880-14972-2	CS-2 (2')	Soluble	Solid	DI Leach	
880-14972-3	CS-3 (2')	Soluble	Solid	DI Leach	
880-14972-4	CS-4 (2')	Soluble	Solid	DI Leach	
880-14972-5	CS-5 (2')	Soluble	Solid	DI Leach	
880-14972-6	CS-6 (2')	Soluble	Solid	DI Leach	
880-14972-7	CS-7 (2')	Soluble	Solid	DI Leach	
880-14972-8	CS-8 (2')	Soluble	Solid	DI Leach	
880-14972-9	CS-9 (2')	Soluble	Solid	DI Leach	
880-14972-10	CS-10 (2')	Soluble	Solid	DI Leach	
880-14972-11	CS-11 (3')	Soluble	Solid	DI Leach	
880-14972-12	CS-12 (3')	Soluble	Solid	DI Leach	
880-14972-13	CS-13 (3')	Soluble	Solid	DI Leach	
MB 880-25902/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-25902/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-25902/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-14972-4 MS	CS-4 (2')	Soluble	Solid	DI Leach	
880-14972-4 MSD	CS-4 (2')	Soluble	Solid	DI Leach	

Leach Batch: 25904

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14972-14	CS-14 (3')	Soluble	Solid	DI Leach	
880-14972-15	CS-15 (3')	Soluble	Solid	DI Leach	
880-14972-16	CS-16 (3')	Soluble	Solid	DI Leach	
880-14972-17	CS-17 (3')	Soluble	Solid	DI Leach	
880-14972-18	CS-18 (3')	Soluble	Solid	DI Leach	
880-14972-19	CS-19 (5')	Soluble	Solid	DI Leach	
880-14972-20	CS-20 (5')	Soluble	Solid	DI Leach	
880-14972-21	SW-1	Soluble	Solid	DI Leach	
880-14972-22	SW-2	Soluble	Solid	DI Leach	
880-14972-23	SW-3	Soluble	Solid	DI Leach	
880-14972-24	SW-4	Soluble	Solid	DI Leach	

QC Association Summary

Client: NT Global
Project/Site: Flager 8 Fed 7H

Job ID: 880-14972-1
SDG: Lea Co. NM

HPLC/IC (Continued)

Leach Batch: 25904 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14972-25	SW-5	Soluble	Solid	DI Leach	
880-14972-26	SW-6	Soluble	Solid	DI Leach	
880-14972-27	SW-7	Soluble	Solid	DI Leach	
880-14972-28	SW-8	Soluble	Solid	DI Leach	
880-14972-29	SW-9	Soluble	Solid	DI Leach	
880-14972-30	SW-10	Soluble	Solid	DI Leach	
MB 880-25904/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-25904/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-25904/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-14972-14 MS	CS-14 (3')	Soluble	Solid	DI Leach	
880-14972-14 MSD	CS-14 (3')	Soluble	Solid	DI Leach	
880-14972-24 MS	SW-4	Soluble	Solid	DI Leach	
880-14972-24 MSD	SW-4	Soluble	Solid	DI Leach	

Analysis Batch: 26055

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14972-1	CS-1 (2')	Soluble	Solid	300.0	25902
880-14972-2	CS-2 (2')	Soluble	Solid	300.0	25902
880-14972-3	CS-3 (2')	Soluble	Solid	300.0	25902
880-14972-4	CS-4 (2')	Soluble	Solid	300.0	25902
880-14972-5	CS-5 (2')	Soluble	Solid	300.0	25902
880-14972-6	CS-6 (2')	Soluble	Solid	300.0	25902
880-14972-7	CS-7 (2')	Soluble	Solid	300.0	25902
880-14972-8	CS-8 (2')	Soluble	Solid	300.0	25902
880-14972-9	CS-9 (2')	Soluble	Solid	300.0	25902
880-14972-10	CS-10 (2')	Soluble	Solid	300.0	25902
880-14972-11	CS-11 (3')	Soluble	Solid	300.0	25902
880-14972-12	CS-12 (3')	Soluble	Solid	300.0	25902
880-14972-13	CS-13 (3')	Soluble	Solid	300.0	25902
MB 880-25902/1-A	Method Blank	Soluble	Solid	300.0	25902
LCS 880-25902/2-A	Lab Control Sample	Soluble	Solid	300.0	25902
LCSD 880-25902/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	25902
880-14972-4 MS	CS-4 (2')	Soluble	Solid	300.0	25902
880-14972-4 MSD	CS-4 (2')	Soluble	Solid	300.0	25902

Analysis Batch: 26056

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14972-14	CS-14 (3')	Soluble	Solid	300.0	25904
880-14972-15	CS-15 (3')	Soluble	Solid	300.0	25904
880-14972-16	CS-16 (3')	Soluble	Solid	300.0	25904
880-14972-17	CS-17 (3')	Soluble	Solid	300.0	25904
880-14972-18	CS-18 (3')	Soluble	Solid	300.0	25904
880-14972-19	CS-19 (5')	Soluble	Solid	300.0	25904
880-14972-20	CS-20 (5')	Soluble	Solid	300.0	25904
880-14972-21	SW-1	Soluble	Solid	300.0	25904
880-14972-22	SW-2	Soluble	Solid	300.0	25904
880-14972-23	SW-3	Soluble	Solid	300.0	25904
880-14972-24	SW-4	Soluble	Solid	300.0	25904
880-14972-25	SW-5	Soluble	Solid	300.0	25904
880-14972-26	SW-6	Soluble	Solid	300.0	25904
880-14972-27	SW-7	Soluble	Solid	300.0	25904

QC Association Summary

Client: NT Global
Project/Site: Flager 8 Fed 7H

Job ID: 880-14972-1
SDG: Lea Co. NM

HPLC/IC (Continued)

Analysis Batch: 26056 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14972-28	SW-8	Soluble	Solid	300.0	25904
880-14972-29	SW-9	Soluble	Solid	300.0	25904
880-14972-30	SW-10	Soluble	Solid	300.0	25904
MB 880-25904/1-A	Method Blank	Soluble	Solid	300.0	25904
LCS 880-25904/2-A	Lab Control Sample	Soluble	Solid	300.0	25904
LCSD 880-25904/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	25904
880-14972-14 MS	CS-14 (3')	Soluble	Solid	300.0	25904
880-14972-14 MSD	CS-14 (3')	Soluble	Solid	300.0	25904
880-14972-24 MS	SW-4	Soluble	Solid	300.0	25904
880-14972-24 MSD	SW-4	Soluble	Solid	300.0	25904

Lab Chronicle

Client: NT Global
Project/Site: Flager 8 Fed 7H

Job ID: 880-14972-1
SDG: Lea Co. NM

Client Sample ID: CS-1 (2')

Lab Sample ID: 880-14972-1
Matrix: Solid
Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

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	25903	05/19/22 12:37	MR	XEN MID
Total/NA	Analysis	8021B		1			25817	05/19/22 16:18	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25969	05/20/22 10:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25946	05/20/22 08:30	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	25888	05/19/22 11:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25852	05/19/22 12:44	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	25902	05/19/22 12:35	CH	XEN MID
Soluble	Analysis	300.0		1			26055	05/23/22 18:16	CH	XEN MID

Client Sample ID: CS-2 (2')

Lab Sample ID: 880-14972-2
Matrix: Solid
Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

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	25903	05/19/22 12:37	MR	XEN MID
Total/NA	Analysis	8021B		1			25817	05/19/22 16:44	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25969	05/20/22 10:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25946	05/20/22 08:30	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	25888	05/19/22 11:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25852	05/19/22 13:52	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	25902	05/19/22 12:35	CH	XEN MID
Soluble	Analysis	300.0		1			26055	05/23/22 18:23	CH	XEN MID

Client Sample ID: CS-3 (2')

Lab Sample ID: 880-14972-3
Matrix: Solid
Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

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	25903	05/19/22 12:37	MR	XEN MID
Total/NA	Analysis	8021B		1			25817	05/19/22 17:10	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25969	05/20/22 10:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25946	05/20/22 08:30	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	25888	05/19/22 11:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25852	05/19/22 14:14	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	25902	05/19/22 12:35	CH	XEN MID
Soluble	Analysis	300.0		1			26055	05/23/22 18:30	CH	XEN MID

Client Sample ID: CS-4 (2')

Lab Sample ID: 880-14972-4
Matrix: Solid
Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

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	25903	05/19/22 12:37	MR	XEN MID
Total/NA	Analysis	8021B		1			25817	05/19/22 17:36	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25969	05/20/22 10:21	AJ	XEN MID

Lab Chronicle

Client: NT Global
Project/Site: Flager 8 Fed 7H

Job ID: 880-14972-1
SDG: Lea Co. NM

Client Sample ID: CS-4 (2')

Lab Sample ID: 880-14972-4
Matrix: Solid
Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

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			25946	05/20/22 08:30	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	25888	05/19/22 11:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25852	05/19/22 14:36	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	25902	05/19/22 12:35	CH	XEN MID
Soluble	Analysis	300.0		1			26055	05/23/22 18:38	CH	XEN MID

Client Sample ID: CS-5 (2')

Lab Sample ID: 880-14972-5
Matrix: Solid
Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

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	25903	05/19/22 12:37	MR	XEN MID
Total/NA	Analysis	8021B		1			25817	05/19/22 18:02	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25969	05/20/22 10:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25946	05/20/22 08:30	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	25888	05/19/22 11:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25852	05/19/22 14:59	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	25902	05/19/22 12:35	CH	XEN MID
Soluble	Analysis	300.0		1			26055	05/23/22 19:00	CH	XEN MID

Client Sample ID: CS-6 (2')

Lab Sample ID: 880-14972-6
Matrix: Solid
Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

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	25903	05/19/22 12:37	MR	XEN MID
Total/NA	Analysis	8021B		1			25817	05/19/22 18:28	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25969	05/20/22 10:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25946	05/20/22 08:30	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	25888	05/19/22 11:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25852	05/19/22 15:20	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	25902	05/19/22 12:35	CH	XEN MID
Soluble	Analysis	300.0		1			26055	05/23/22 19:08	CH	XEN MID

Client Sample ID: CS-7 (2')

Lab Sample ID: 880-14972-7
Matrix: Solid
Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

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	25903	05/19/22 12:37	MR	XEN MID
Total/NA	Analysis	8021B		1			25817	05/19/22 18:54	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25969	05/20/22 10:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25946	05/20/22 08:30	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	25888	05/19/22 11:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25852	05/19/22 15:43	AJ	XEN MID

Lab Chronicle

Client: NT Global
Project/Site: Flager 8 Fed 7H

Job ID: 880-14972-1
SDG: Lea Co. NM

Client Sample ID: CS-7 (2')

Lab Sample ID: 880-14972-7
Matrix: Solid
Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

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	25902	05/19/22 12:35	CH	XEN MID
Soluble	Analysis	300.0		1			26055	05/24/22 08:25	CH	XEN MID

Client Sample ID: CS-8 (2')

Lab Sample ID: 880-14972-8
Matrix: Solid
Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

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	25903	05/19/22 12:37	MR	XEN MID
Total/NA	Analysis	8021B		1			25817	05/19/22 19:19	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25969	05/20/22 10:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25946	05/20/22 08:30	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	25888	05/19/22 11:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25852	05/19/22 16:05	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	25902	05/19/22 12:35	CH	XEN MID
Soluble	Analysis	300.0		1			26055	05/24/22 08:44	CH	XEN MID

Client Sample ID: CS-9 (2')

Lab Sample ID: 880-14972-9
Matrix: Solid
Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

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	25903	05/19/22 12:37	MR	XEN MID
Total/NA	Analysis	8021B		1			25817	05/19/22 19:45	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25969	05/20/22 10:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25946	05/20/22 08:30	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	25888	05/19/22 11:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25852	05/19/22 16:28	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	25902	05/19/22 12:35	CH	XEN MID
Soluble	Analysis	300.0		1			26055	05/24/22 08:51	CH	XEN MID

Client Sample ID: CS-10 (2')

Lab Sample ID: 880-14972-10
Matrix: Solid
Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

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	25903	05/19/22 12:37	MR	XEN MID
Total/NA	Analysis	8021B		1			25817	05/19/22 20:11	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25969	05/20/22 10:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25946	05/20/22 08:30	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	25888	05/19/22 11:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25852	05/19/22 16:51	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	25902	05/19/22 12:35	CH	XEN MID
Soluble	Analysis	300.0		1			26055	05/24/22 08:58	CH	XEN MID

Lab Chronicle

Client: NT Global
Project/Site: Flager 8 Fed 7H

Job ID: 880-14972-1
SDG: Lea Co. NM

Client Sample ID: CS-11 (3')

Lab Sample ID: 880-14972-11
Matrix: Solid
Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

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	25903	05/19/22 12:37	MR	XEN MID
Total/NA	Analysis	8021B		1			25817	05/19/22 21:58	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25969	05/20/22 10:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25946	05/20/22 08:30	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	25888	05/19/22 11:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25852	05/19/22 17:36	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	25902	05/19/22 12:35	CH	XEN MID
Soluble	Analysis	300.0		1			26055	05/24/22 09:06	CH	XEN MID

Client Sample ID: CS-12 (3')

Lab Sample ID: 880-14972-12
Matrix: Solid
Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

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	25903	05/19/22 12:37	MR	XEN MID
Total/NA	Analysis	8021B		1			25817	05/19/22 22:24	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25969	05/20/22 10:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25946	05/20/22 08:30	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	25888	05/19/22 11:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25852	05/19/22 17:57	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	25902	05/19/22 12:35	CH	XEN MID
Soluble	Analysis	300.0		1			26055	05/24/22 09:13	CH	XEN MID

Client Sample ID: CS-13 (3')

Lab Sample ID: 880-14972-13
Matrix: Solid
Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

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	25903	05/19/22 12:37	MR	XEN MID
Total/NA	Analysis	8021B		1			25817	05/19/22 22:50	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25969	05/20/22 10:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25946	05/20/22 08:30	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	25888	05/19/22 11:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25852	05/19/22 18:19	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	25902	05/19/22 12:35	CH	XEN MID
Soluble	Analysis	300.0		1			26055	05/24/22 09:29	CH	XEN MID

Client Sample ID: CS-14 (3')

Lab Sample ID: 880-14972-14
Matrix: Solid
Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

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	25903	05/19/22 12:37	MR	XEN MID
Total/NA	Analysis	8021B		1			25817	05/19/22 23:15	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25969	05/20/22 10:21	AJ	XEN MID

Lab Chronicle

Client: NT Global
Project/Site: Flager 8 Fed 7H

Job ID: 880-14972-1
SDG: Lea Co. NM

Client Sample ID: CS-14 (3')

Lab Sample ID: 880-14972-14
Date Collected: 05/18/22 00:00
Matrix: Solid
Date Received: 05/18/22 16:42

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			25946	05/20/22 08:30	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	25888	05/19/22 11:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25852	05/19/22 18:40	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	25904	05/19/22 12:40	CH	XEN MID
Soluble	Analysis	300.0		1			26056	05/24/22 08:53	CH	XEN MID

Client Sample ID: CS-15 (3')

Lab Sample ID: 880-14972-15
Date Collected: 05/18/22 00:00
Matrix: Solid
Date Received: 05/18/22 16:42

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	25903	05/19/22 12:37	MR	XEN MID
Total/NA	Analysis	8021B		1			25817	05/19/22 23:41	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25969	05/20/22 10:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25946	05/20/22 08:30	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	25888	05/19/22 11:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25852	05/19/22 19:01	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	25904	05/19/22 12:40	CH	XEN MID
Soluble	Analysis	300.0		1			26056	05/24/22 09:21	CH	XEN MID

Client Sample ID: CS-16 (3')

Lab Sample ID: 880-14972-16
Date Collected: 05/18/22 00:00
Matrix: Solid
Date Received: 05/18/22 16:42

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	25903	05/19/22 12:37	MR	XEN MID
Total/NA	Analysis	8021B		1			25817	05/20/22 00:07	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25969	05/20/22 10:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25946	05/20/22 08:30	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	25888	05/19/22 11:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25852	05/19/22 19:22	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	25904	05/19/22 12:40	CH	XEN MID
Soluble	Analysis	300.0		1			26056	05/24/22 09:30	CH	XEN MID

Client Sample ID: CS-17 (3')

Lab Sample ID: 880-14972-17
Date Collected: 05/18/22 00:00
Matrix: Solid
Date Received: 05/18/22 16:42

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	25903	05/19/22 12:37	MR	XEN MID
Total/NA	Analysis	8021B		1			25817	05/20/22 08:02	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25969	05/20/22 10:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25946	05/20/22 08:30	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	25888	05/19/22 11:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25852	05/19/22 19:43	AJ	XEN MID

Lab Chronicle

Client: NT Global
Project/Site: Flager 8 Fed 7H

Job ID: 880-14972-1
SDG: Lea Co. NM

Client Sample ID: CS-17 (3')

Lab Sample ID: 880-14972-17
Date Collected: 05/18/22 00:00
Matrix: Solid
Date Received: 05/18/22 16:42

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.95 g	50 mL	25904	05/19/22 12:40	CH	XEN MID
Soluble	Analysis	300.0		1			26056	05/24/22 09:39	CH	XEN MID

Client Sample ID: CS-18 (3')

Lab Sample ID: 880-14972-18
Date Collected: 05/18/22 00:00
Matrix: Solid
Date Received: 05/18/22 16:42

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	25903	05/19/22 12:37	MR	XEN MID
Total/NA	Analysis	8021B		1			25817	05/20/22 08:28	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25969	05/20/22 10:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25946	05/20/22 08:30	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	25888	05/19/22 11:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25852	05/19/22 20:04	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	25904	05/19/22 12:40	CH	XEN MID
Soluble	Analysis	300.0		1			26056	05/24/22 09:49	CH	XEN MID

Client Sample ID: CS-19 (5')

Lab Sample ID: 880-14972-19
Date Collected: 05/18/22 00:00
Matrix: Solid
Date Received: 05/18/22 16:42

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	25903	05/19/22 12:37	MR	XEN MID
Total/NA	Analysis	8021B		1			25817	05/20/22 08:58	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25969	05/20/22 10:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25946	05/20/22 08:30	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	25888	05/19/22 11:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25852	05/19/22 20:25	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	25904	05/19/22 12:40	CH	XEN MID
Soluble	Analysis	300.0		1			26056	05/24/22 10:16	CH	XEN MID

Client Sample ID: CS-20 (5')

Lab Sample ID: 880-14972-20
Date Collected: 05/18/22 00:00
Matrix: Solid
Date Received: 05/18/22 16:42

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	25961	05/20/22 15:30	MR	XEN MID
Total/NA	Analysis	8021B		1			25945	05/21/22 13:16	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25969	05/20/22 10:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25946	05/20/22 08:30	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	25888	05/19/22 11:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25852	05/19/22 20:45	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	25904	05/19/22 12:40	CH	XEN MID
Soluble	Analysis	300.0		1			26056	05/24/22 10:25	CH	XEN MID

Lab Chronicle

Client: NT Global
Project/Site: Flager 8 Fed 7H

Job ID: 880-14972-1
SDG: Lea Co. NM

Client Sample ID: SW-1

Lab Sample ID: 880-14972-21
Matrix: Solid
Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

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	25906	05/19/22 12:43	MR	XEN MID
Total/NA	Analysis	8021B		1			25859	05/19/22 22:20	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25969	05/20/22 10:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25946	05/20/22 08:30	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	25960	05/20/22 09:19	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25938	05/20/22 23:16	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	25904	05/19/22 12:40	CH	XEN MID
Soluble	Analysis	300.0		1			26056	05/24/22 10:35	CH	XEN MID

Client Sample ID: SW-2

Lab Sample ID: 880-14972-22
Matrix: Solid
Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

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	25906	05/19/22 12:43	MR	XEN MID
Total/NA	Analysis	8021B		1			25859	05/19/22 22:40	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25969	05/20/22 10:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25946	05/20/22 08:30	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	25960	05/20/22 09:19	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25938	05/21/22 00:22	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	25904	05/19/22 12:40	CH	XEN MID
Soluble	Analysis	300.0		1			26056	05/24/22 10:44	CH	XEN MID

Client Sample ID: SW-3

Lab Sample ID: 880-14972-23
Matrix: Solid
Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

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	25906	05/19/22 12:43	MR	XEN MID
Total/NA	Analysis	8021B		1			25859	05/19/22 23:01	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25969	05/20/22 10:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25946	05/20/22 08:30	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	25960	05/20/22 09:19	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25938	05/21/22 00:44	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	25904	05/19/22 12:40	CH	XEN MID
Soluble	Analysis	300.0		1			26056	05/24/22 10:53	CH	XEN MID

Client Sample ID: SW-4

Lab Sample ID: 880-14972-24
Matrix: Solid
Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

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	25906	05/19/22 12:43	MR	XEN MID
Total/NA	Analysis	8021B		1			25859	05/19/22 23:21	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25969	05/20/22 10:21	AJ	XEN MID

Lab Chronicle

Client: NT Global
Project/Site: Flager 8 Fed 7H

Job ID: 880-14972-1
SDG: Lea Co. NM

Client Sample ID: SW-4
Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

Lab Sample ID: 880-14972-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			25946	05/20/22 08:30	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	25960	05/20/22 09:19	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25938	05/21/22 01:06	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	25904	05/19/22 12:40	CH	XEN MID
Soluble	Analysis	300.0		1			26056	05/24/22 11:02	CH	XEN MID

Client Sample ID: SW-5
Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

Lab Sample ID: 880-14972-25
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	25906	05/19/22 12:43	MR	XEN MID
Total/NA	Analysis	8021B		1			25859	05/19/22 23:42	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25969	05/20/22 10:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25946	05/20/22 08:30	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	25960	05/20/22 09:19	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25938	05/21/22 01:28	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	25904	05/19/22 12:40	CH	XEN MID
Soluble	Analysis	300.0		1			26056	05/24/22 11:30	CH	XEN MID

Client Sample ID: SW-6
Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

Lab Sample ID: 880-14972-26
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	25906	05/19/22 12:43	MR	XEN MID
Total/NA	Analysis	8021B		1			25859	05/20/22 00:02	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25969	05/20/22 10:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25946	05/20/22 08:30	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	25960	05/20/22 09:19	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25938	05/21/22 01:49	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	25904	05/19/22 12:40	CH	XEN MID
Soluble	Analysis	300.0		1			26056	05/24/22 11:39	CH	XEN MID

Client Sample ID: SW-7
Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

Lab Sample ID: 880-14972-27
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	25906	05/19/22 12:43	MR	XEN MID
Total/NA	Analysis	8021B		1			25859	05/20/22 00:22	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25969	05/20/22 10:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25946	05/20/22 08:30	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	25960	05/20/22 09:19	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25938	05/21/22 02:11	AJ	XEN MID

Lab Chronicle

Client: NT Global
Project/Site: Flager 8 Fed 7H

Job ID: 880-14972-1
SDG: Lea Co. NM

Client Sample ID: SW-7

Lab Sample ID: 880-14972-27
Matrix: Solid
Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

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	25904	05/19/22 12:40	CH	XEN MID
Soluble	Analysis	300.0		1			26056	05/24/22 12:07	CH	XEN MID

Client Sample ID: SW-8

Lab Sample ID: 880-14972-28
Matrix: Solid
Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

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	25906	05/19/22 12:43	MR	XEN MID
Total/NA	Analysis	8021B		1			25859	05/20/22 00:43	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25969	05/20/22 10:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25946	05/20/22 08:30	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	25960	05/20/22 09:19	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25938	05/21/22 02:33	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	25904	05/19/22 12:40	CH	XEN MID
Soluble	Analysis	300.0		1			26056	05/24/22 12:16	CH	XEN MID

Client Sample ID: SW-9

Lab Sample ID: 880-14972-29
Matrix: Solid
Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

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	25906	05/19/22 12:43	MR	XEN MID
Total/NA	Analysis	8021B		1			25859	05/20/22 01:03	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25969	05/20/22 10:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25946	05/20/22 08:30	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	25960	05/20/22 09:19	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25938	05/21/22 02:55	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	25904	05/19/22 12:40	CH	XEN MID
Soluble	Analysis	300.0		1			26056	05/24/22 12:25	CH	XEN MID

Client Sample ID: SW-10

Lab Sample ID: 880-14972-30
Matrix: Solid
Date Collected: 05/18/22 00:00
Date Received: 05/18/22 16:42

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	25961	05/20/22 15:30	MR	XEN MID
Total/NA	Analysis	8021B		1			25945	05/21/22 12:49	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25969	05/20/22 10:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25946	05/20/22 08:30	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	25960	05/20/22 09:19	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25938	05/21/22 03:17	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	25904	05/19/22 12:40	CH	XEN MID
Soluble	Analysis	300.0		1	0 mL	1.0 mL	26056	05/24/22 12:34	CH	XEN MID

Lab Chronicle

Client: NT Global
Project/Site: Flager 8 Fed 7H

Job ID: 880-14972-1
SDG: Lea Co. NM

Laboratory References:

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

Accreditation/Certification Summary

Client: NT Global
Project/Site: Flager 8 Fed 7H

Job ID: 880-14972-1
SDG: Lea Co. NM

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	T104704400-21-22	06-30-22

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

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

Method Summary

Client: NT Global
Project/Site: Flager 8 Fed 7H

Job ID: 880-14972-1
SDG: Lea Co. NM

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

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: NT Global
Project/Site: Flager 8 Fed 7H

Job ID: 880-14972-1
SDG: Lea Co. NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-14972-1	CS-1 (2')	Solid	05/18/22 00:00	05/18/22 16:42
880-14972-2	CS-2 (2')	Solid	05/18/22 00:00	05/18/22 16:42
880-14972-3	CS-3 (2')	Solid	05/18/22 00:00	05/18/22 16:42
880-14972-4	CS-4 (2')	Solid	05/18/22 00:00	05/18/22 16:42
880-14972-5	CS-5 (2')	Solid	05/18/22 00:00	05/18/22 16:42
880-14972-6	CS-6 (2')	Solid	05/18/22 00:00	05/18/22 16:42
880-14972-7	CS-7 (2')	Solid	05/18/22 00:00	05/18/22 16:42
880-14972-8	CS-8 (2')	Solid	05/18/22 00:00	05/18/22 16:42
880-14972-9	CS-9 (2')	Solid	05/18/22 00:00	05/18/22 16:42
880-14972-10	CS-10 (2')	Solid	05/18/22 00:00	05/18/22 16:42
880-14972-11	CS-11 (3')	Solid	05/18/22 00:00	05/18/22 16:42
880-14972-12	CS-12 (3')	Solid	05/18/22 00:00	05/18/22 16:42
880-14972-13	CS-13 (3')	Solid	05/18/22 00:00	05/18/22 16:42
880-14972-14	CS-14 (3')	Solid	05/18/22 00:00	05/18/22 16:42
880-14972-15	CS-15 (3')	Solid	05/18/22 00:00	05/18/22 16:42
880-14972-16	CS-16 (3')	Solid	05/18/22 00:00	05/18/22 16:42
880-14972-17	CS-17 (3')	Solid	05/18/22 00:00	05/18/22 16:42
880-14972-18	CS-18 (3')	Solid	05/18/22 00:00	05/18/22 16:42
880-14972-19	CS-19 (5')	Solid	05/18/22 00:00	05/18/22 16:42
880-14972-20	CS-20 (5')	Solid	05/18/22 00:00	05/18/22 16:42
880-14972-21	SW-1	Solid	05/18/22 00:00	05/18/22 16:42
880-14972-22	SW-2	Solid	05/18/22 00:00	05/18/22 16:42
880-14972-23	SW-3	Solid	05/18/22 00:00	05/18/22 16:42
880-14972-24	SW-4	Solid	05/18/22 00:00	05/18/22 16:42
880-14972-25	SW-5	Solid	05/18/22 00:00	05/18/22 16:42
880-14972-26	SW-6	Solid	05/18/22 00:00	05/18/22 16:42
880-14972-27	SW-7	Solid	05/18/22 00:00	05/18/22 16:42
880-14972-28	SW-8	Solid	05/18/22 00:00	05/18/22 16:42
880-14972-29	SW-9	Solid	05/18/22 00:00	05/18/22 16:42
880-14972-30	SW-10	Solid	05/18/22 00:00	05/18/22 16:42

Chain of Custody

NTG ENVIRONMENTAL

Work Order No: 14972

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Project Manager	Ethan Sessums	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 ☐ PRP ☐ Brownfields ☐ RRC ☐ uperfund ☐

State of Project:

Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables EDD ☐ ADaPT ☐ Other

Project Name:	Flagler 8 Fed 7H	Turn Around	
Project Number	225512	☑ Routine ☐ Rush	
Project Location	Lea Co NM	Due Date.	STND TOT
Sampler's Name.	Nick Hart	TAT starts the day received by the lab, if received by 4 30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank.	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID	IR8
Cooler Custody Seals.	Yes No (N/A)	Correction Factor	-2
Sample Custody Seals:	Yes No (N/A)	Temperature Reading.	4.2
Total Containers:	10	Corrected Temperature:	4.0

ANALYSIS REQUEST

Preservative Codes

None NO DI Water H_2O

Cool Cool MeOH Me

HCL. HC HNO_3 HN

H_2S0_4 H_2 NaOH Na

H_3PO_4 HP

$NaHSO_4$ NABIS

$Na_2S_2O_3$ $NaSO_3$

Zn Acetate+NaOH Zn

NaOH+Ascorbic Acid SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	HOLD	Sample Comments
CS-1 (2')	5/18/2022		x		Comp	1		x	x	x		
CS-2 (2')	5/18/2022		x		Comp	1		x	x	x		
CS-3 (2')	5/18/2022		x		Comp	1		x	x	x		
CS-4 (2')	5/18/2022		x		Comp	1		x	x	x		
CS-5 (2')	5/18/2022		x		Comp	1		x	x	x		
CS-6 (2')	5/18/2022		x		Comp	1		x	x	x		
CS-7 (2')	5/18/2022		x		Comp	1		x	x	x		
CS-8 (2')	5/18/2022		x		Comp	1		x	x	x		
CS-9 (2')	5/18/2022		x		Comp	1		x	x	x		
CS-10 (2')	5/18/2022		x		Comp	1		x	x	x		

880-14972 Chain of Custody

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
1 Nicholas		5/18/22 16:42	2		
3			4		
5			6		

Revised Date 05012020 Rev 2020.1

Chain of Custody

NTG ENVIRONMENTAL

Work Order No: 14972

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Project Manager:	Ethan Sessums	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 ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables EDD ☐ ADaPT ☐ Other:

Project Name:	Flagler 8 Fed 7H	Turn Around	
Project Number:	225512	☑ Routine ☐ Rush	
Project Location	Lea Co NM	Due Date:	STND TOT
Sampler's Name	Nick Hart	TAT starts the day received by the lab if received by 4 30pm	
PO #:			

SAMPLE RECEIPT	Temp Blank.	Yes No	Wet Ice.	Yes No
Received Intact:	Yes No		Thermometer ID	
Cooler Custody Seals.	Yes No N/A		Correction Factor:	
Sample Custody Seals.	Yes No N/A		Temperature Reading.	
Total Containers:	10		Corrected Temperature.	

ANALYSIS REQUEST

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	HOLD
CS-11 (3')	5/18/2022		x		Comp	1		x	x	x	
CS-12 (3')	5/18/2022		x		Comp	1		x	x	x	
CS-13 (3')	5/18/2022		x		Comp	1		x	x	x	
CS-14 (3')	5/18/2022		x		Comp	1		x	x	x	
CS-15 (3')	5/18/2022		x		Comp	1		x	x	x	
CS-16 (3')	5/18/2022		x		Comp	1		x	x	x	
CS-17 (3')	5/18/2022		x		Comp	1		x	x	x	
CS-18 (3')	5/18/2022		x		Comp	1		x	x	x	
CS-19 (5')	5/18/2022		x		Comp	1		x	x	x	
CS-20 (5')	5/18/2022		x		Comp	1		x	x	x	

Preservative Codes

None NO DI Water H_2O
Cool Cool MeOH Me
HCL HC HNO_3 HN
H_2SO_4 H_2 NaOH Na
H_3PO_4 HP
$NaHSO_4$ NABIS
$Na_2S_2O_3$ $NaSO_3$
Zn Acetate+NaOH Zn
NaOH+Ascorbic Acid SAPC

Sample Comments

Additional Comments:

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by: (Signature)	Received by (Signature)	Date/Time
1 Nick Hart		5/18/22 16:42	2		
3			4		
5			6		

Revised Date 05012020 Rev 2020.1

Chain of Custody

NTG ENVIRONMENTAL

Work Order No: 14972

Page 3 of 3

Project Manager	Ethan Sessums	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 ☐ PRP ☐ Brownfields ☐ RRC ☐ uperfund ☐

State of Project:

Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables EDD ☐ ADaPT ☐ Other

Project Name:	Flagler 8 Fed 7H	Turn Around	
Project Number	225512	☑ Routine ☐ Rush	
Project Location	Lea Co NM	Due Date	STND TOT
Sampler's Name	Nick Hart	TAT starts the day received by the lab if received by 4 30pm	
PO #:			

SAMPLE RECEIPT	Temp Blank.	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No		Thermometer ID	
Cooler Custody Seals:	Yes No N/A		Correction Factor	
Sample Custody Seals.	Yes No N/A		Temperature Reading	
Total Containers.	10		Corrected Temperature	

ANALYSIS REQUEST

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride #300.0	HOLD
SW-1	5/18/2022		x		Comp	1		x	x	x	
SW-2	5/18/2022		x		Comp	1		x	x	x	
SW-3	5/18/2022		x		Comp	1		x	x	x	
SW-4	5/18/2022		x		Comp	1		x	x	x	
SW-5	5/18/2022		x		Comp	1		x	x	x	
SW-6	5/18/2022		x		Comp	1		x	x	x	
SW-7	5/18/2022		x		Comp	1		x	x	x	
SW-8	5/18/2022		x		Comp	1		x	x	x	
SW-9	5/18/2022		x		Comp	1		x	x	x	
SW-10	5/18/2022		x		Comp	1		x	x	x	

Preservative Codes

None NO — DI Water H_2O

Cool Cool — MeOH Me

HCL HC — HNO_3. HN

H_2S0_4 H_2 — NaOH Na

H_3PO_4. HP

$NaHSO_4$. NABIS

$Na_2S_2O_3$. $NaSO_3$

Zn Acetate+NaOH Zn

NaOH+Ascorbic Acid SAPC

Sample Comments

Loc: 880
14972

Additional Comments:

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
1		5/18/22 16:43	2		
3			4		
5			6		

Revised Date 05012020 Rev 2020.1

Login Sample Receipt Checklist

Client: NT Global

Job Number: 880-14972-1
SDG Number: Lea Co. NM

Login Number: 14972
List Number: 1
Creator: Rodriguez, Leticia

List Source: Eurofins Midland

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	

eurofins | Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 890-2674-1
Laboratory Sample Delivery Group: 225512
Client Project/Site: Flagler 8 Fed 7H
Revision: 1

For:
NT Global
701 Tradewinds Blvd
Midland, Texas 79706

Attn: Gordon Banks

JKramer

Authorized for release by:
8/19/2022 4:49:52 PM

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

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

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

Client: NT Global
Project/Site: Flagler 8 Fed 7H

Laboratory Job ID: 890-2674-1
SDG: 225512

Table of Contents

Definitions/Glossary

Client: NT Global
Project/Site: Flagler 8 Fed 7H

Job ID: 890-2674-1
SDG: 225512

Qualifiers

GC VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*1	LCS/LCSD RPD exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

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

Glossary

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

Case Narrative

Client: NT Global
Project/Site: Flagler 8 Fed 7H

Job ID: 890-2674-1
SDG: 225512

Job ID: 890-2674-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative
890-2674-1

REVISION

The report being provided is a revision of the original report sent on 8/1/2022. The report (revision 1) is being revised due to Per client email, corrected sample IDs.

Report revision history

Receipt
The samples were received on 7/28/2022 9:50 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.4°C

GC VOA
Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-30988 and 880-31011 and analytical batch 880-30959 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

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

GC Semi VOA
Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-31009 and analytical batch 880-31049 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-31009/2-A). Evidence of matrix interferences is not obvious.

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

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

Client Sample Results

Client: NT Global
Project/Site: Flagler 8 Fed 7H

Job ID: 890-2674-1
SDG: 225512

Client Sample ID: SW-11

Date Collected: 07/27/22 00:00
Date Received: 07/28/22 09:50

Lab Sample ID: 890-2674-1

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *-	0.00200		mg/Kg		07/29/22 10:52	07/29/22 22:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/29/22 10:52	07/29/22 22:27	1
Ethylbenzene	<0.00200	U *-	0.00200		mg/Kg		07/29/22 10:52	07/29/22 22:27	1
m-Xylene & p-Xylene	<0.00400	U *1 *-	0.00400		mg/Kg		07/29/22 10:52	07/29/22 22:27	1
o-Xylene	<0.00200	U *+ *1	0.00200		mg/Kg		07/29/22 10:52	07/29/22 22:27	1
Xylenes, Total	<0.00400	U *+ *1	0.00400		mg/Kg		07/29/22 10:52	07/29/22 22:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*07/29/22 10:52*	*07/29/22 22:27*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*07/29/22 10:52*	*07/29/22 22:27*	*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			07/30/22 18:57	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			07/31/22 10:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		07/29/22 13:01	07/30/22 16:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/29/22 13:01	07/30/22 16:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/29/22 13:01	07/30/22 16:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*87*		*70 - 130*	*07/29/22 13:01*	*07/30/22 16:13*	*1*
o-Terphenyl	*88*		*70 - 130*	*07/29/22 13:01*	*07/30/22 16:13*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**222**		5.00		mg/Kg			07/30/22 02:26	1

Client Sample ID: SW-12

Date Collected: 07/27/22 00:00
Date Received: 07/28/22 09:50

Lab Sample ID: 890-2674-2

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		07/29/22 12:56	07/31/22 12:39	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/29/22 12:56	07/31/22 12:39	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/29/22 12:56	07/31/22 12:39	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/29/22 12:56	07/31/22 12:39	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/29/22 12:56	07/31/22 12:39	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/29/22 12:56	07/31/22 12:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*07/29/22 12:56*	*07/31/22 12:39*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*07/29/22 12:56*	*07/31/22 12:39*	*1*

Client Sample Results

Client: NT Global
Project/Site: Flagler 8 Fed 7H

Job ID: 890-2674-1
SDG: 225512

Client Sample ID: SW-12

Date Collected: 07/27/22 00:00
Date Received: 07/28/22 09:50

Lab Sample ID: 890-2674-2

Matrix: Solid

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			07/30/22 18:57	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			07/31/22 10:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		07/29/22 13:01	07/30/22 16:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/29/22 13:01	07/30/22 16:34	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/29/22 13:01	07/30/22 16:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*07/29/22 13:01*	*07/30/22 16:34*	*1*
o-Terphenyl	*101*		*70 - 130*	*07/29/22 13:01*	*07/30/22 16:34*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**475**		4.99		mg/Kg			07/30/22 02:36	1

Client Sample ID: SW-13

Date Collected: 07/27/22 00:00
Date Received: 07/28/22 09:50

Lab Sample ID: 890-2674-3

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		07/29/22 12:56	07/31/22 13:00	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/29/22 12:56	07/31/22 13:00	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/29/22 12:56	07/31/22 13:00	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		07/29/22 12:56	07/31/22 13:00	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/29/22 12:56	07/31/22 13:00	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		07/29/22 12:56	07/31/22 13:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*07/29/22 12:56*	*07/31/22 13:00*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*07/29/22 12:56*	*07/31/22 13:00*	*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			07/30/22 18:57	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			07/31/22 10:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		07/29/22 13:01	07/30/22 16:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/29/22 13:01	07/30/22 16:56	1

Client Sample Results

Client: NT Global
Project/Site: Flagler 8 Fed 7H

Job ID: 890-2674-1
SDG: 225512

Client Sample ID: SW-13
Date Collected: 07/27/22 00:00
Date Received: 07/28/22 09:50

Lab Sample ID: 890-2674-3
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/29/22 13:01	07/30/22 16:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*07/29/22 13:01*	*07/30/22 16:56*	*1*
o-Terphenyl	*102*		*70 - 130*	*07/29/22 13:01*	*07/30/22 16:56*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3680**		25.2		mg/Kg			07/30/22 02:45	5

Client Sample ID: SW-14
Date Collected: 07/27/22 00:00
Date Received: 07/28/22 09:50

Lab Sample ID: 890-2674-4
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		07/29/22 12:56	07/31/22 13:20	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/29/22 12:56	07/31/22 13:20	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/29/22 12:56	07/31/22 13:20	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		07/29/22 12:56	07/31/22 13:20	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/29/22 12:56	07/31/22 13:20	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		07/29/22 12:56	07/31/22 13:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*07/29/22 12:56*	*07/31/22 13:20*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*07/29/22 12:56*	*07/31/22 13:20*	*1*

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			07/30/22 18:57	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			07/31/22 10:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		07/29/22 13:01	07/30/22 17:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/29/22 13:01	07/30/22 17:20	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/29/22 13:01	07/30/22 17:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*07/29/22 13:01*	*07/30/22 17:20*	*1*
o-Terphenyl	*100*		*70 - 130*	*07/29/22 13:01*	*07/30/22 17:20*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.96	U	4.96		mg/Kg			07/30/22 15:49	1

Client Sample Results

Client: NT Global
Project/Site: Flagler 8 Fed 7H

Job ID: 890-2674-1
SDG: 225512

Client Sample ID: CS-21 (3')

Date Collected: 07/27/22 00:00
Date Received: 07/28/22 09:50
Sample Depth: 3

Lab Sample ID: 890-2674-5

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/29/22 12:56	07/31/22 13:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/29/22 12:56	07/31/22 13:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/29/22 12:56	07/31/22 13:41	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		07/29/22 12:56	07/31/22 13:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/29/22 12:56	07/31/22 13:41	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		07/29/22 12:56	07/31/22 13:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*07/29/22 12:56*	*07/31/22 13:41*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*07/29/22 12:56*	*07/31/22 13:41*	*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			07/30/22 18:57	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			07/31/22 10:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		07/29/22 13:01	07/30/22 17:41	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/29/22 13:01	07/30/22 17:41	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/29/22 13:01	07/30/22 17:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*88*		*70 - 130*	*07/29/22 13:01*	*07/30/22 17:41*	*1*
o-Terphenyl	*86*		*70 - 130*	*07/29/22 13:01*	*07/30/22 17:41*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**538**		5.05		mg/Kg			07/30/22 16:17	1

Client Sample ID: CS-10 (3')

Date Collected: 07/27/22 00:00
Date Received: 07/28/22 09:50
Sample Depth: 3

Lab Sample ID: 890-2674-6

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		07/29/22 12:56	07/31/22 14:01	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/29/22 12:56	07/31/22 14:01	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/29/22 12:56	07/31/22 14:01	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		07/29/22 12:56	07/31/22 14:01	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/29/22 12:56	07/31/22 14:01	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/29/22 12:56	07/31/22 14:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*07/29/22 12:56*	*07/31/22 14:01*	*1*

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Client Sample Results

Client: NT Global
Project/Site: Flagler 8 Fed 7H

Job ID: 890-2674-1
SDG: 225512

Client Sample ID: CS-10 (3')
Date Collected: 07/27/22 00:00
Date Received: 07/28/22 09:50
Sample Depth: 3

Lab Sample ID: 890-2674-6
Matrix: Solid

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*07/29/22 12:56*	*07/31/22 14:01*	*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			07/30/22 18:57	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			07/31/22 10:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		07/29/22 13:01	07/30/22 18:03	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/29/22 13:01	07/30/22 18:03	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/29/22 13:01	07/30/22 18:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	*90*		*70 - 130*	*07/29/22 13:01*	*07/30/22 18:03*	*1*
o-Terphenyl	*92*		*70 - 130*	*07/29/22 13:01*	*07/30/22 18:03*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**520**		5.03		mg/Kg			07/30/22 16:26	1

Surrogate Summary

Client: NT Global
Project/Site: Flagler 8 Fed 7H

Job ID: 890-2674-1
SDG: 225512

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-17511-A-1-A MS	Matrix Spike	104	99
880-17511-A-1-B MSD	Matrix Spike Duplicate	100	100
890-2665-A-1-C MS	Matrix Spike	104	100
890-2665-A-1-D MSD	Matrix Spike Duplicate	103	103
890-2666-A-3-D MS	Matrix Spike	108	99
890-2666-A-3-E MSD	Matrix Spike Duplicate	99	93
890-2674-1	SW-11	108	96
890-2674-2	SW-12	109	90
890-2674-2 MS	SW-12	109	101
890-2674-2 MSD	SW-12	105	98
890-2674-3	SW-13	113	95
890-2674-4	SW-14	110	94
890-2674-5	CS-21 (3')	108	92
890-2674-6	CS-10 (3')	112	92
LCS 880-30988/1-A	Lab Control Sample	98	101
LCS 880-31008/1-A	Lab Control Sample	100	98
LCS 880-31011/1-A	Lab Control Sample	104	97
LCS 880-31012/1-A	Lab Control Sample	105	101
LCSD 880-30988/2-A	Lab Control Sample Dup	129	79
LCSD 880-31008/2-A	Lab Control Sample Dup	103	98
LCSD 880-31011/2-A	Lab Control Sample Dup	104	99
LCSD 880-31012/2-A	Lab Control Sample Dup	111	97
MB 880-30988/5-A	Method Blank	95	101
MB 880-31008/5-A	Method Blank	100	87
MB 880-31011/5-A	Method Blank	96	101
MB 880-31012/5-A	Method Blank	100	86

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-2670-A-1-B MS	Matrix Spike	110	108
890-2670-A-1-C MSD	Matrix Spike Duplicate	104	97
890-2674-1	SW-11	87	88
890-2674-2	SW-12	93	101
890-2674-3	SW-13	95	102
890-2674-4	SW-14	94	100
890-2674-5	CS-21 (3')	88	86
890-2674-6	CS-10 (3')	90	92
LCS 880-31009/2-A	Lab Control Sample	115	133 S1+
LCSD 880-31009/3-A	Lab Control Sample Dup	103	117
MB 880-31009/1-A	Method Blank	104	117

Surrogate Legend

1CO = 1-Chlorooctane

Surrogate Summary

Client: NT Global
Project/Site: Flagler 8 Fed 7H

Job ID: 890-2674-1
SDG: 225512

OTPH = o-Terphenyl

QC Sample Results

Client: NT Global
Project/Site: Flagler 8 Fed 7H

Job ID: 890-2674-1
SDG: 225512

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-30988/5-A
Matrix: Solid
Analysis Batch: 30959

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 30988

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/29/22 10:52	07/29/22 13:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/29/22 10:52	07/29/22 13:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/29/22 10:52	07/29/22 13:46	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/29/22 10:52	07/29/22 13:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/29/22 10:52	07/29/22 13:46	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/29/22 10:52	07/29/22 13:46	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*07/29/22 10:52*	*07/29/22 13:46*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*07/29/22 10:52*	*07/29/22 13:46*	*1*

Lab Sample ID: LCS 880-30988/1-A
Matrix: Solid
Analysis Batch: 30959

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 30988

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.09249		mg/Kg		92	70 - 130		
Toluene			0.100	0.09887		mg/Kg		99	70 - 130		
Ethylbenzene			0.100	0.08511		mg/Kg		85	70 - 130		
m-Xylene & p-Xylene			0.200	0.1718		mg/Kg		86	70 - 130		
o-Xylene			0.100	0.1010		mg/Kg		101	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: LCSD 880-30988/2-A
Matrix: Solid
Analysis Batch: 30959

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 30988

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.07256		mg/Kg		73	70 - 130	24	35
Toluene			0.100	0.1122		mg/Kg		112	70 - 130	13	35
Ethylbenzene			0.100	0.1177		mg/Kg		118	70 - 130	32	35
m-Xylene & p-Xylene			0.200	0.2567	*1	mg/Kg		128	70 - 130	40	35
o-Xylene			0.100	0.1484	*+ *1	mg/Kg		148	70 - 130	38	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*129*		*70 - 130*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*

Lab Sample ID: 880-17511-A-1-A MS
Matrix: Solid
Analysis Batch: 30959

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 30988

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U *-	0.101	0.07857		mg/Kg		78	70 - 130		
Toluene	<0.00200	U	0.101	0.09503		mg/Kg		94	70 - 130		

QC Sample Results

Client: NT Global
Project/Site: Flagler 8 Fed 7H

Job ID: 890-2674-1
SDG: 225512

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

Lab Sample ID: 880-17511-A-1-A MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 30959 — **Prep Batch: 30988**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U *-	0.101	0.08459		mg/Kg		84	70 - 130
m-Xylene & p-Xylene	<0.00401	U *1 *-	0.201	0.1735		mg/Kg		86	70 - 130
o-Xylene	<0.00200	U *+ *1	0.101	0.09960		mg/Kg		99	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: 880-17511-A-1-B MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 30959 — **Prep Batch: 30988**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U *-	0.101	0.08310		mg/Kg		82	70 - 130	6	35
Toluene	<0.00200	U	0.101	0.09709		mg/Kg		96	70 - 130	2	35
Ethylbenzene	<0.00200	U *-	0.101	0.08542		mg/Kg		85	70 - 130	1	35
m-Xylene & p-Xylene	<0.00401	U *1 *-	0.202	0.1739		mg/Kg		86	70 - 130	0	35
o-Xylene	<0.00200	U *+ *1	0.101	0.1008		mg/Kg		100	70 - 130	1	35

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

Lab Sample ID: MB 880-31008/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 31093 — **Prep Batch: 31008**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/29/22 12:56	07/31/22 12:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/29/22 12:56	07/31/22 12:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/29/22 12:56	07/31/22 12:18	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/29/22 12:56	07/31/22 12:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/29/22 12:56	07/31/22 12:18	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/29/22 12:56	07/31/22 12:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*07/29/22 12:56*	*07/31/22 12:18*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*07/29/22 12:56*	*07/31/22 12:18*	*1*

Lab Sample ID: LCS 880-31008/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 31093 — **Prep Batch: 31008**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08240		mg/Kg		82	70 - 130
Toluene	0.100	0.07858		mg/Kg		79	70 - 130
Ethylbenzene	0.100	0.08153		mg/Kg		82	70 - 130
m-Xylene & p-Xylene	0.200	0.1657		mg/Kg		83	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Flagler 8 Fed 7H

Job ID: 890-2674-1
SDG: 225512

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

Lab Sample ID: LCS 880-31008/1-A
Matrix: Solid
Analysis Batch: 31093

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 31008

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
o-Xylene			0.100	0.09065		mg/Kg		91	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

Lab Sample ID: LCSD 880-31008/2-A
Matrix: Solid
Analysis Batch: 31093

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 31008

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1013		mg/Kg		101	70 - 130	21	35
Toluene			0.100	0.09750		mg/Kg		98	70 - 130	21	35
Ethylbenzene			0.100	0.1006		mg/Kg		101	70 - 130	21	35
m-Xylene & p-Xylene			0.200	0.2029		mg/Kg		101	70 - 130	20	35
o-Xylene			0.100	0.1108		mg/Kg		111	70 - 130	20	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

Lab Sample ID: 890-2674-2 MS
Matrix: Solid
Analysis Batch: 31093

Client Sample ID: SW-12
Prep Type: Total/NA
Prep Batch: 31008

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00199	U	0.101	0.08255		mg/Kg		82	70 - 130		
Toluene	<0.00199	U	0.101	0.07891		mg/Kg		77	70 - 130		
Ethylbenzene	<0.00199	U	0.101	0.08077		mg/Kg		80	70 - 130		
m-Xylene & p-Xylene	<0.00398	U	0.202	0.1639		mg/Kg		81	70 - 130		
o-Xylene	<0.00199	U	0.101	0.08914		mg/Kg		88	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: 890-2674-2 MSD
Matrix: Solid
Analysis Batch: 31093

Client Sample ID: SW-12
Prep Type: Total/NA
Prep Batch: 31008

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.0996	0.08499		mg/Kg		85	70 - 130	3	35
Toluene	<0.00199	U	0.0996	0.08281		mg/Kg		82	70 - 130	5	35
Ethylbenzene	<0.00199	U	0.0996	0.08457		mg/Kg		85	70 - 130	5	35
m-Xylene & p-Xylene	<0.00398	U	0.199	0.1702		mg/Kg		85	70 - 130	4	35
o-Xylene	<0.00199	U	0.0996	0.09264		mg/Kg		93	70 - 130	4	35

QC Sample Results

Client: NT Global
Project/Site: Flagler 8 Fed 7H

Job ID: 890-2674-1
SDG: 225512

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

Lab Sample ID: 890-2674-2 MSD
Matrix: Solid
Analysis Batch: 31093

Client Sample ID: SW-12
Prep Type: Total/NA
Prep Batch: 31008

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: MB 880-31011/5-A
Matrix: Solid
Analysis Batch: 30959

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 31011

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/29/22 13:17	07/30/22 01:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/29/22 13:17	07/30/22 01:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/29/22 13:17	07/30/22 01:37	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/29/22 13:17	07/30/22 01:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/29/22 13:17	07/30/22 01:37	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/29/22 13:17	07/30/22 01:37	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	07/29/22 13:17	07/30/22 01:37	1
1,4-Difluorobenzene (Surr)	101		70 - 130	07/29/22 13:17	07/30/22 01:37	1

Lab Sample ID: LCS 880-31011/1-A
Matrix: Solid
Analysis Batch: 30959

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 31011

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.07777		mg/Kg		78	70 - 130
Toluene	0.100	0.09255		mg/Kg		93	70 - 130
Ethylbenzene	0.100	0.08154		mg/Kg		82	70 - 130
m-Xylene & p-Xylene	0.200	0.1658		mg/Kg		83	70 - 130
o-Xylene	0.100	0.09992		mg/Kg		100	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: LCSD 880-31011/2-A
Matrix: Solid
Analysis Batch: 30959

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 31011

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.06253	*-	mg/Kg		63	70 - 130	22	35
Toluene	0.100	0.07063		mg/Kg		71	70 - 130	27	35
Ethylbenzene	0.100	0.06380	*-	mg/Kg		64	70 - 130	24	35
m-Xylene & p-Xylene	0.200	0.1309	*-	mg/Kg		65	70 - 130	24	35
o-Xylene	0.100	0.07995		mg/Kg		80	70 - 130	22	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130

QC Sample Results

Client: NT Global
Project/Site: Flagler 8 Fed 7H

Job ID: 890-2674-1
SDG: 225512

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

Lab Sample ID: LCSD 880-31011/2-A
Matrix: Solid
Analysis Batch: 30959

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 31011

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

Lab Sample ID: 890-2665-A-1-C MS
Matrix: Solid
Analysis Batch: 30959

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 31011

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00202	U *-	0.101	0.08983		mg/Kg		89	70 - 130
Toluene	<0.00202	U	0.101	0.09393		mg/Kg		93	70 - 130
Ethylbenzene	<0.00202	U *-	0.101	0.08053		mg/Kg		80	70 - 130
m-Xylene & p-Xylene	<0.00404	U *-	0.202	0.1598		mg/Kg		79	70 - 130
o-Xylene	<0.00202	U	0.101	0.09468		mg/Kg		94	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 890-2665-A-1-D MSD
Matrix: Solid
Analysis Batch: 30959

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 31011

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U *-	0.100	0.08740		mg/Kg		87	70 - 130	3	35
Toluene	<0.00202	U	0.100	0.09226		mg/Kg		92	70 - 130	2	35
Ethylbenzene	<0.00202	U *-	0.100	0.07873		mg/Kg		79	70 - 130	2	35
m-Xylene & p-Xylene	<0.00404	U *-	0.200	0.1573		mg/Kg		79	70 - 130	2	35
o-Xylene	<0.00202	U	0.100	0.09257		mg/Kg		92	70 - 130	2	35

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

Lab Sample ID: MB 880-31012/5-A
Matrix: Solid
Analysis Batch: 31093

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 31012

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/29/22 13:33	07/31/22 22:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/29/22 13:33	07/31/22 22:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/29/22 13:33	07/31/22 22:55	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/29/22 13:33	07/31/22 22:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/29/22 13:33	07/31/22 22:55	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/29/22 13:33	07/31/22 22:55	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	07/29/22 13:33	07/31/22 22:55	1
1,4-Difluorobenzene (Surr)	86		70 - 130	07/29/22 13:33	07/31/22 22:55	1

QC Sample Results

Client: NT Global
Project/Site: Flagler 8 Fed 7H

Job ID: 890-2674-1
SDG: 225512

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

Lab Sample ID: LCS 880-31012/1-A
Matrix: Solid
Analysis Batch: 31093

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 31012

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.09484		mg/Kg		95	70 - 130		
Toluene			0.100	0.08991		mg/Kg		90	70 - 130		
Ethylbenzene			0.100	0.09258		mg/Kg		93	70 - 130		
m-Xylene & p-Xylene			0.200	0.1866		mg/Kg		93	70 - 130		
o-Xylene			0.100	0.09997		mg/Kg		100	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: LCSD 880-31012/2-A
Matrix: Solid
Analysis Batch: 31093

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 31012

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.08621		mg/Kg		86	70 - 130	10	35
Toluene			0.100	0.08683		mg/Kg		87	70 - 130	3	35
Ethylbenzene			0.100	0.09088		mg/Kg		91	70 - 130	2	35
m-Xylene & p-Xylene			0.200	0.1891		mg/Kg		95	70 - 130	1	35
o-Xylene			0.100	0.1128		mg/Kg		113	70 - 130	12	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: 890-2666-A-3-D MS
Matrix: Solid
Analysis Batch: 31093

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 31012

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00198	U	0.101	0.1060		mg/Kg		105	70 - 130		
Toluene	0.00327		0.101	0.1008		mg/Kg		97	70 - 130		
Ethylbenzene	0.00620		0.101	0.1041		mg/Kg		97	70 - 130		
m-Xylene & p-Xylene	0.0197		0.202	0.2112		mg/Kg		95	70 - 130		
o-Xylene	0.0128		0.101	0.1210		mg/Kg		107	70 - 130		

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

Lab Sample ID: 890-2666-A-3-E MSD
Matrix: Solid
Analysis Batch: 31093

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 31012

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00198	U	0.100	0.08957		mg/Kg		89	70 - 130	17	35
Toluene	0.00327		0.100	0.09161		mg/Kg		88	70 - 130	10	35
Ethylbenzene	0.00620		0.100	0.09040		mg/Kg		84	70 - 130	14	35

QC Sample Results

Client: NT Global
Project/Site: Flagler 8 Fed 7H

Job ID: 890-2674-1
SDG: 225512

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

Lab Sample ID: 890-2666-A-3-E MSD
Matrix: Solid
Analysis Batch: 31093

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 31012

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	0.0197		0.200	0.1797		mg/Kg		80	70 - 130	16	35
o-Xylene	0.0128		0.100	0.1015		mg/Kg		88	70 - 130	18	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*

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

Lab Sample ID: MB 880-31009/1-A
Matrix: Solid
Analysis Batch: 31049

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 31009

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/29/22 13:01	07/30/22 10:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/29/22 13:01	07/30/22 10:06	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/29/22 13:01	07/30/22 10:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*104*		*70 - 130*	*07/29/22 13:01*	*07/30/22 10:06*	*1*
o-Terphenyl	*117*		*70 - 130*	*07/29/22 13:01*	*07/30/22 10:06*	*1*

Lab Sample ID: LCS 880-31009/2-A
Matrix: Solid
Analysis Batch: 31049

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 31009

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1166		mg/Kg		117	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1043		mg/Kg		104	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*115*		*70 - 130*
o-Terphenyl	*133*	*S1+*	*70 - 130*

Lab Sample ID: LCSD 880-31009/3-A
Matrix: Solid
Analysis Batch: 31049

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 31009

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	932.2	*1	mg/Kg		93	70 - 130	22	20
Diesel Range Organics (Over C10-C28)			1000	919.7		mg/Kg		92	70 - 130	13	20

QC Sample Results

Client: NT Global
Project/Site: Flagler 8 Fed 7H

Job ID: 890-2674-1
SDG: 225512

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

Lab Sample ID: LCSD 880-31009/3-A
Matrix: Solid
Analysis Batch: 31049

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 31009

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	103		70 - 130
o-Terphenyl	117		70 - 130

Lab Sample ID: 890-2670-A-1-B MS
Matrix: Solid
Analysis Batch: 31049

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 31009

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	999	871.8		mg/Kg		85	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	999	772.9		mg/Kg		77	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	110		70 - 130
o-Terphenyl	108		70 - 130

Lab Sample ID: 890-2670-A-1-C MSD
Matrix: Solid
Analysis Batch: 31049

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 31009

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	999	995.4		mg/Kg		98	70 - 130	13	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	706.7		mg/Kg		71	70 - 130	9	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	104		70 - 130
o-Terphenyl	97		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-30995/1-A
Matrix: Solid
Analysis Batch: 31033

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			07/29/22 22:18	1

Lab Sample ID: LCS 880-30995/2-A
Matrix: Solid
Analysis Batch: 31033

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	257.8		mg/Kg		103	90 - 110

QC Sample Results

Client: NT Global
Project/Site: Flagler 8 Fed 7H

Job ID: 890-2674-1
SDG: 225512

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-30995/3-A
Matrix: Solid
Analysis Batch: 31033

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	257.5		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 890-2673-A-1-C MS
Matrix: Solid
Analysis Batch: 31033

Client Sample ID: Matrix Spike
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	25.7		250	261.6		mg/Kg		95	90 - 110

Lab Sample ID: 890-2673-A-1-F MSD
Matrix: Solid
Analysis Batch: 31033

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	25.7		250	274.0		mg/Kg		99	90 - 110	5	20

Lab Sample ID: MB 880-30996/1-A
Matrix: Solid
Analysis Batch: 31069

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			07/30/22 14:26	1

Lab Sample ID: LCS 880-30996/2-A
Matrix: Solid
Analysis Batch: 31069

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride			250	254.6		mg/Kg		102	90 - 110

Lab Sample ID: LCSD 880-30996/3-A
Matrix: Solid
Analysis Batch: 31069

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	254.0		mg/Kg		102	90 - 110	0	20

Lab Sample ID: 890-2674-4 MS
Matrix: Solid
Analysis Batch: 31069

Client Sample ID: SW-14
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<4.96	U	248	240.8		mg/Kg		96	90 - 110

Lab Sample ID: 890-2674-4 MSD
Matrix: Solid
Analysis Batch: 31069

Client Sample ID: SW-14
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<4.96	U	248	237.2		mg/Kg		95	90 - 110	2	20

QC Association Summary

Client: NT Global
Project/Site: Flagler 8 Fed 7H

Job ID: 890-2674-1
SDG: 225512

GC VOA

Analysis Batch: 30959

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2674-1	SW-11	Total/NA	Solid	8021B	30988
MB 880-30988/5-A	Method Blank	Total/NA	Solid	8021B	30988
MB 880-31011/5-A	Method Blank	Total/NA	Solid	8021B	31011
LCS 880-30988/1-A	Lab Control Sample	Total/NA	Solid	8021B	30988
LCS 880-31011/1-A	Lab Control Sample	Total/NA	Solid	8021B	31011
LCSD 880-30988/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	30988
LCSD 880-31011/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	31011
880-17511-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	30988
880-17511-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	30988
890-2665-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	31011
890-2665-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	31011

Prep Batch: 30988

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2674-1	SW-11	Total/NA	Solid	5035	
MB 880-30988/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-30988/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-30988/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-17511-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
880-17511-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 31008

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2674-2	SW-12	Total/NA	Solid	5035	
890-2674-3	SW-13	Total/NA	Solid	5035	
890-2674-4	SW-14	Total/NA	Solid	5035	
890-2674-5	CS-21 (3')	Total/NA	Solid	5035	
890-2674-6	CS-10 (3')	Total/NA	Solid	5035	
MB 880-31008/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-31008/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-31008/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2674-2 MS	SW-12	Total/NA	Solid	5035	
890-2674-2 MSD	SW-12	Total/NA	Solid	5035	

Prep Batch: 31011

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-31011/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-31011/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-31011/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2665-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
890-2665-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 31012

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-31012/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-31012/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-31012/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2666-A-3-D MS	Matrix Spike	Total/NA	Solid	5035	
890-2666-A-3-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

QC Association Summary

Client: NT Global
Project/Site: Flagler 8 Fed 7H

Job ID: 890-2674-1
SDG: 225512

GC VOA

Analysis Batch: 31074

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2674-1	SW-11	Total/NA	Solid	Total BTEX	
890-2674-2	SW-12	Total/NA	Solid	Total BTEX	
890-2674-3	SW-13	Total/NA	Solid	Total BTEX	
890-2674-4	SW-14	Total/NA	Solid	Total BTEX	
890-2674-5	CS-21 (3')	Total/NA	Solid	Total BTEX	
890-2674-6	CS-10 (3')	Total/NA	Solid	Total BTEX	

Analysis Batch: 31093

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2674-2	SW-12	Total/NA	Solid	8021B	31008
890-2674-3	SW-13	Total/NA	Solid	8021B	31008
890-2674-4	SW-14	Total/NA	Solid	8021B	31008
890-2674-5	CS-21 (3')	Total/NA	Solid	8021B	31008
890-2674-6	CS-10 (3')	Total/NA	Solid	8021B	31008
MB 880-31008/5-A	Method Blank	Total/NA	Solid	8021B	31008
MB 880-31012/5-A	Method Blank	Total/NA	Solid	8021B	31012
LCS 880-31008/1-A	Lab Control Sample	Total/NA	Solid	8021B	31008
LCS 880-31012/1-A	Lab Control Sample	Total/NA	Solid	8021B	31012
LCSD 880-31008/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	31008
LCSD 880-31012/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	31012
890-2666-A-3-D MS	Matrix Spike	Total/NA	Solid	8021B	31012
890-2666-A-3-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	31012
890-2674-2 MS	SW-12	Total/NA	Solid	8021B	31008
890-2674-2 MSD	SW-12	Total/NA	Solid	8021B	31008

GC Semi VOA

Prep Batch: 31009

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2674-1	SW-11	Total/NA	Solid	8015NM Prep	
890-2674-2	SW-12	Total/NA	Solid	8015NM Prep	
890-2674-3	SW-13	Total/NA	Solid	8015NM Prep	
890-2674-4	SW-14	Total/NA	Solid	8015NM Prep	
890-2674-5	CS-21 (3')	Total/NA	Solid	8015NM Prep	
890-2674-6	CS-10 (3')	Total/NA	Solid	8015NM Prep	
MB 880-31009/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-31009/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-31009/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-2670-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-2670-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 31049

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2674-1	SW-11	Total/NA	Solid	8015B NM	31009
890-2674-2	SW-12	Total/NA	Solid	8015B NM	31009
890-2674-3	SW-13	Total/NA	Solid	8015B NM	31009
890-2674-4	SW-14	Total/NA	Solid	8015B NM	31009
890-2674-5	CS-21 (3')	Total/NA	Solid	8015B NM	31009
890-2674-6	CS-10 (3')	Total/NA	Solid	8015B NM	31009
MB 880-31009/1-A	Method Blank	Total/NA	Solid	8015B NM	31009
LCS 880-31009/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	31009

QC Association Summary

Client: NT Global
Project/Site: Flagler 8 Fed 7H

Job ID: 890-2674-1
SDG: 225512

GC Semi VOA (Continued)

Analysis Batch: 31049 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-31009/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	31009
890-2670-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	31009
890-2670-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	31009

Analysis Batch: 31115

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2674-1	SW-11	Total/NA	Solid	8015 NM	
890-2674-2	SW-12	Total/NA	Solid	8015 NM	
890-2674-3	SW-13	Total/NA	Solid	8015 NM	
890-2674-4	SW-14	Total/NA	Solid	8015 NM	
890-2674-5	CS-21 (3')	Total/NA	Solid	8015 NM	
890-2674-6	CS-10 (3')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 30995

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2674-1	SW-11	Soluble	Solid	DI Leach	
890-2674-2	SW-12	Soluble	Solid	DI Leach	
890-2674-3	SW-13	Soluble	Solid	DI Leach	
MB 880-30995/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-30995/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-30995/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-2673-A-1-C MS	Matrix Spike	Soluble	Solid	DI Leach	
890-2673-A-1-F MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 30996

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2674-4	SW-14	Soluble	Solid	DI Leach	
890-2674-5	CS-21 (3')	Soluble	Solid	DI Leach	
890-2674-6	CS-10 (3')	Soluble	Solid	DI Leach	
MB 880-30996/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-30996/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-30996/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-2674-4 MS	SW-14	Soluble	Solid	DI Leach	
890-2674-4 MSD	SW-14	Soluble	Solid	DI Leach	

Analysis Batch: 31033

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2674-1	SW-11	Soluble	Solid	300.0	30995
890-2674-2	SW-12	Soluble	Solid	300.0	30995
890-2674-3	SW-13	Soluble	Solid	300.0	30995
MB 880-30995/1-A	Method Blank	Soluble	Solid	300.0	30995
LCS 880-30995/2-A	Lab Control Sample	Soluble	Solid	300.0	30995
LCSD 880-30995/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	30995
890-2673-A-1-C MS	Matrix Spike	Soluble	Solid	300.0	30995
890-2673-A-1-F MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	30995

Analysis Batch: 31069

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2674-4	SW-14	Soluble	Solid	300.0	30996

QC Association Summary

Client: NT Global
Project/Site: Flagler 8 Fed 7H

Job ID: 890-2674-1
SDG: 225512

HPLC/IC (Continued)

Analysis Batch: 31069 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2674-5	CS-21 (3')	Soluble	Solid	300.0	30996
890-2674-6	CS-10 (3')	Soluble	Solid	300.0	30996
MB 880-30996/1-A	Method Blank	Soluble	Solid	300.0	30996
LCS 880-30996/2-A	Lab Control Sample	Soluble	Solid	300.0	30996
LCSD 880-30996/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	30996
890-2674-4 MS	SW-14	Soluble	Solid	300.0	30996
890-2674-4 MSD	SW-14	Soluble	Solid	300.0	30996

Lab Chronicle

Client: NT Global
Project/Site: Flagler 8 Fed 7H

Job ID: 890-2674-1
SDG: 225512

Client Sample ID: SW-11
Date Collected: 07/27/22 00:00
Date Received: 07/28/22 09:50

Lab Sample ID: 890-2674-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	30988	07/29/22 10:52	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30959	07/29/22 22:27	MR	EET MID
Total/NA	Analysis	Total BTEX		1			31074	07/30/22 18:57	AJ	EET MID
Total/NA	Analysis	8015 NM		1			31115	07/31/22 10:33	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	31009	07/29/22 13:01	DM	EET MID
Total/NA	Analysis	8015B NM		1			31049	07/30/22 16:13	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	30995	07/29/22 11:23	SMC	EET MID
Soluble	Analysis	300.0		1			31033	07/30/22 02:26	CH	EET MID

Client Sample ID: SW-12
Date Collected: 07/27/22 00:00
Date Received: 07/28/22 09:50

Lab Sample ID: 890-2674-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	31008	07/29/22 12:56	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31093	07/31/22 12:39	MR	EET MID
Total/NA	Analysis	Total BTEX		1			31074	07/30/22 18:57	AJ	EET MID
Total/NA	Analysis	8015 NM		1			31115	07/31/22 10:33	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	31009	07/29/22 13:01	DM	EET MID
Total/NA	Analysis	8015B NM		1			31049	07/30/22 16:34	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	30995	07/29/22 11:23	SMC	EET MID
Soluble	Analysis	300.0		1			31033	07/30/22 02:36	CH	EET MID

Client Sample ID: SW-13
Date Collected: 07/27/22 00:00
Date Received: 07/28/22 09:50

Lab Sample ID: 890-2674-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	31008	07/29/22 12:56	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31093	07/31/22 13:00	MR	EET MID
Total/NA	Analysis	Total BTEX		1			31074	07/30/22 18:57	AJ	EET MID
Total/NA	Analysis	8015 NM		1			31115	07/31/22 10:33	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	31009	07/29/22 13:01	DM	EET MID
Total/NA	Analysis	8015B NM		1			31049	07/30/22 16:56	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	30995	07/29/22 11:23	SMC	EET MID
Soluble	Analysis	300.0		5			31033	07/30/22 02:45	CH	EET MID

Client Sample ID: SW-14
Date Collected: 07/27/22 00:00
Date Received: 07/28/22 09:50

Lab Sample ID: 890-2674-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	31008	07/29/22 12:56	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31093	07/31/22 13:20	MR	EET MID
Total/NA	Analysis	Total BTEX		1			31074	07/30/22 18:57	AJ	EET MID

Lab Chronicle

Client: NT Global
Project/Site: Flagler 8 Fed 7H

Job ID: 890-2674-1
SDG: 225512

Client Sample ID: SW-14
Date Collected: 07/27/22 00:00
Date Received: 07/28/22 09:50

Lab Sample ID: 890-2674-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			31115	07/31/22 10:33	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	31009	07/29/22 13:01	DM	EET MID
Total/NA	Analysis	8015B NM		1			31049	07/30/22 17:20	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	30996	07/29/22 16:00	SMC	EET MID
Soluble	Analysis	300.0		1			31069	07/30/22 15:49	SMC	EET MID

Client Sample ID: CS-21 (3')
Date Collected: 07/27/22 00:00
Date Received: 07/28/22 09:50

Lab Sample ID: 890-2674-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	31008	07/29/22 12:56	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31093	07/31/22 13:41	MR	EET MID
Total/NA	Analysis	Total BTEX		1			31074	07/30/22 18:57	AJ	EET MID
Total/NA	Analysis	8015 NM		1			31115	07/31/22 10:33	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	31009	07/29/22 13:01	DM	EET MID
Total/NA	Analysis	8015B NM		1			31049	07/30/22 17:41	AJ	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	30996	07/29/22 16:00	SMC	EET MID
Soluble	Analysis	300.0		1			31069	07/30/22 16:17	SMC	EET MID

Client Sample ID: CS-10 (3')
Date Collected: 07/27/22 00:00
Date Received: 07/28/22 09:50

Lab Sample ID: 890-2674-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	31008	07/29/22 12:56	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31093	07/31/22 14:01	MR	EET MID
Total/NA	Analysis	Total BTEX		1			31074	07/30/22 18:57	AJ	EET MID
Total/NA	Analysis	8015 NM		1			31115	07/31/22 10:33	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	31009	07/29/22 13:01	DM	EET MID
Total/NA	Analysis	8015B NM		1			31049	07/30/22 18:03	AJ	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	30996	07/29/22 16:00	SMC	EET MID
Soluble	Analysis	300.0		1			31069	07/30/22 16:26	SMC	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: Flagler 8 Fed 7H

Job ID: 890-2674-1
SDG: 225512

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

Method Summary

Client: NT Global
Project/Site: Flagler 8 Fed 7H

Job ID: 890-2674-1
SDG: 225512

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: Flagler 8 Fed 7H

Job ID: 890-2674-1
SDG: 225512

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-2674-1	SW-11	Solid	07/27/22 00:00	07/28/22 09:50	
890-2674-2	SW-12	Solid	07/27/22 00:00	07/28/22 09:50	
890-2674-3	SW-13	Solid	07/27/22 00:00	07/28/22 09:50	
890-2674-4	SW-14	Solid	07/27/22 00:00	07/28/22 09:50	
890-2674-5	CS-21 (3')	Solid	07/27/22 00:00	07/28/22 09:50	3
890-2674-6	CS-10 (3')	Solid	07/27/22 00:00	07/28/22 09:50	3

Chain of Custody

NTG ENVIRONMENTAL

Work Order No: _____

Page ___1___ of __1____

Project Manager:	Ethan Sessums	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 ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Flagler 8 Fed 7H	Turn Around	
Project Number:	225512	☐ Routine ☑ Rush	
Project Location	Lea Co	Due Date:	24 Hr
Sampler's Name:	Jordan Tyner	TAT starts the day received by the lab, if received by 4:30pm	
PO #:	20995553		

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:	TM-007
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	5.6
Total Containers:		Corrected Temperature:	5.4

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Sample Comments
SW-11	7/27/2022		X		Grab	1	X	X	X		
SW-12	7/27/2022		X		Grab	1	X	X	X		
SW-13	7/27/2022		X		Grab	1	X	X	X		
SW-14	7/27/2022		X		Grab	1	X	X	X		
CS-4 (3')	7/27/2022		X		Grab	1	X	X	X		
CS-5 (3')	7/27/2022		X		Grab	1	X	X	X		

890-2674 Chain of Custody

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Additional Comments:

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		7.28.22 952			
3			4		
5			6		

Revised Date 05012020 Rev. 2020.1

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-2674-1
SDG Number: 225512

Login Number: 2674
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	

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-2674-1
SDG Number: 225512

Login Number: 2674
List Number: 2
Creator: Rodriguez, Leticia

List Source: Eurofins Midland
List Creation: 07/29/22 10:24 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	

CARDINAL Laboratories

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

August 05, 2022

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: FLAGLER 8 FED 7H

Enclosed are the results of analyses for samples received by the laboratory on 08/04/22 11:20.

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 accreditated 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,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	08/04/2022	Sampling Date:	08/04/2022
Reported:	08/05/2022	Sampling Type:	Soil
Project Name:	FLAGLER 8 FED 7H	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - EDDY CO NM		

Sample ID: SW - 15 (H223498-01)

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	08/04/2022	ND	2.04	102	2.00	7.70	
Toluene*	<0.050	0.050	08/04/2022	ND	2.13	107	2.00	7.71	
Ethylbenzene*	<0.050	0.050	08/04/2022	ND	2.16	108	2.00	7.82	
Total Xylenes*	<0.150	0.150	08/04/2022	ND	6.66	111	6.00	8.23	
Total BTEX	<0.300	0.300	08/04/2022	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/05/2022	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	08/05/2022	ND	220	110	200	7.48	
DRO >C10-C28*	<10.0	10.0	08/05/2022	ND	229	115	200	5.68	
EXT DRO >C28-C36	<10.0	10.0	08/05/2022	ND					

Surrogate: 1-Chlorooctane *101 %* *43-149*

Surrogate: 1-Chlorooctadecane *97.4 %* *42.5-161*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Notes and Definitions

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

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	NIGE	**BILL TO** P.O. #:	
Project Manager:	Ethan Sessums	Company:	NTGE
Address:	402 E Wood ave	Attn:	
City:	Carlsbad State: NM Zip: 88220	Address:	
Phone #:	254-266-5456 Fax #:	City:	
Project #:	Project Owner: Devon	State: Zip:	
Project Name:	Flagler 8 Fed 7H	Phone #:	
Project Location:	Eddy Co	Fax #:	
Sampler Name:	Jordan Tyler		

ANALYSIS REQUEST: Btex, Chloride, TPH

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME
H223498-1	SW-15	G	1			X							8/4	

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By:	Date: 8/4/22	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 11:20		All Results are emailed. Please provide Email address:
Relinquished By:	Date:	Received By:	REMARKS:
	Time:		

Delivered By: (Circle One) Sampler - UPS - Bus - Other:

Observed Temp. °C 23.5 Corrected Temp. °C 22.9

Sample Condition: Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No

CHECKED BY: (Initials)

Turnaround Time: Standard ☐ Rush ☐ 24 HR

Thermometer ID #113 Correction Factor -0.6°C

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

FORM-006 R 3.3 07/18/22

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

8/4/22

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 147585

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 147585
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	10/3/2022