

Incident ID	nAPP2235358408
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?	___55' (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

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

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

State of New Mexico
Oil Conservation Division

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Printed Name: Dale Woodall Title: Env. Professional
Signature: *Dale Woodall* Date: 6/27/2023
email: dale.woodall@dvn.com Telephone: 575-748-1838

OCD Only

Received by: Shelly Wells Date: 6/28/2023

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Remediation Plan

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

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

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

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

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OCD Only

Received by: Shelly Wells Date: 6/28/2023

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

Signature: _____ Date: _____

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Closure

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

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

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

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

Printed Name: Dale Woodall Title: Env. Professional
Signature: Dale Woodall Date: 6/27/2023
email: dale.woodall@dvn.com Telephone: 575-748-1838

OCD Only

Received by: Shelly Wells Date: 6/28/2023

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____



209 W. McKay
Carlsbad, New Mexico 88220
Tel. 432.701.2159
www.ntgenvironmental.com

June 23, 2023

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

**Re: Closure Report
Pinnacle State 35H
Unit B, S36, T22S, R28E
Site Coordinates: 32.356270, -104.038019
Eddy County, New Mexico
Incident ID: nAPP2235358408**

Mr. Bratcher:

On behalf of Devon Energy Production Company (Devon), NTG Environmental, LLC (NTGE) has prepared this letter to document site assessment and remedial action activities at the Pinnacle State 35H (Site). The Site is located approximately 11.75 miles southeast of Carlsbad, New Mexico in Eddy County (Figures 1 and 2).

Background

Based on the initial C-141 (attached) obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on December 15th, 2022. The leak occurred from a gas line releasing approximately 13 barrels (bbls) of crude oil and 2 bbls of produced water; of which only the 13 bbls of crude oil were recovered. Upon discovery, the line was shut-in, and the area secured. The release area is shown in Figure 3.

Site Characterization

Based on a review of the New Mexico Office of State Engineers and USGS databases, there is one known water sources within a ½-mile radius of the Site. The site is located within a medium karst area. The nearest identified well is located approximately 0.40 miles southwest of the Site in Sec 36 T22S R28E. The well was drilled in 2020 and there was no groundwater encountered in the first 55 feet below ground surface (ft bgs). A copy of the site characterization information and the associated USGS summary report is attached.

Regulatory Criteria

In accordance with the NMOCD regulatory criteria established in 19.15.29.12 NMAC, the following criteria are applicable to the Site. For four (4) ft bgs and below:

- Benzene: 10 milligrams per kilogram (mg/kg).
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg.
- TPH (GRO + DRO + MRO): 2500 mg/kg.

Mr. Mike Bratcher
June 23, 2023
Page 2 of 3

- TPH (GRO + DRO) 1000mg/kg
- Chloride: 10000 mg/kg

And the following for the first four (4) ft bgs:

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

Site Assessment

On January 25th, 2023, NTG Environmental, LLC (NTGE) conducted site assessment activities to assess the extent of impacts at the Site. A total of five (5) vertical tests pits (i.e., TP-1 through TP-5), as well as ten (10) horizontal sample points (i.e., H-1 through H-10) were installed within the release area to characterize the release. Soil samples were collected in 0.5 – 1 ft depth intervals, ranging from 0 – 10 ft bgs. Sample locations from NTGE's assessment activities are shown in Figure 3. Analytical results from NTGE's assessment (attached in Table 1), indicated that total petroleum hydrocarbons (TPH) and BTEX within the release extent exceeded NMOCD and BLM regulatory thresholds for less than four (4) ft bgs.

Remedial Action Activities and Confirmation Sampling

Devon proceeded with remedial action activities at the Site to include the excavation and disposal of impacted soils above the regulatory limits. The release area was excavated to depths ranging from 3-4.5ft bgs within the release area. The excavation area is illustrated on Figure 4.

A total of fifty-two (52) confirmation samples were collected on May 4th, 2023, from the excavation base (i.e., CS-1 through CS-52) and twenty-four (24) confirmation samples were collected from the excavation sidewalls (i.e., SW-1 through SW-24) to ensure impacted soils were successfully removed. Analytical results indicated that twenty-one (21) of the sidewall confirmation samples (i.e., SW-1 through SW-21) exceeded NMOCD regulatory thresholds and the area would require further excavation.

After further excavation an additional twenty-one (21) sidewall confirmation samples (SW-1A through SW-21A) were collected on May 23rd, 2023, from the excavation sidewall to ensure impacted soils were successfully removed. Analytical results indicated that two (2) of the additional sidewall confirmation samples (i.e., SW-10A and SW-15A) exceeded NMOCD regulatory thresholds and the area would require further excavation.

After further excavation, two (2) additional sidewall confirmation samples (i.e., SW-10B and SW-15B) were collected on June 6th, 2023, to ensure impacted soils were successfully removed. Analytical results indicated that impacted soils had been removed and the Site required no further excavation. A photographic log documenting site conditions during confirmation sampling activities is attached.

The confirmation samples were collected every 200 square feet under NMOCD regulations and submitted to the lab under proper chain-of-custody protocol for analysis. The excavation was backfilled with like sourced materials and returned to near-natural grade. The final excavation extent and confirmation sample locations are shown in Figure 4. Analytical results of the confirmation samples are included in Table 2.

Mr. Mike Bratcher
June 23, 2023
Page 3 of 3

Closing

Based on the assessment and subsequent remedial action activities, the Site is compliant with NMOCD's regulatory limits, and no further actions are required at the site. A copy of the final C- 141 is attached, and Devon formally requests a no further action designation for the Site (nAPP225358408). 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:

- Tables
- Figures
- Site Characterization Documentation
- Photographic Log
- Laboratory Reports and Chain-of-Custody Documents

Ethan Sessums

From: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Sent: Friday, May 5, 2023 11:58 AM
To: Ethan Sessums
Cc: Bratcher, Michael, EMNRD; Hamlet, Robert, EMNRD
Subject: RE: [EXTERNAL] RE: Confirmation Sampling Event (nAPP2235358408)

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

Ethan,

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

JH

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



From: Ethan Sessums <ESessums@ntglobal.com>
Sent: Thursday, May 4, 2023 5:03 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Subject: [EXTERNAL] RE: Confirmation Sampling Event (nAPP2235358408)

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

Correction Tuesday the 9th 2023.

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



From: Ethan Sessums <ESessums@ntglobal.com>
Sent: Thursday, May 4, 2023 3:13 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: NTG Env Carlsbad <ntg_env_carlsbad@ntglobal.com>
Subject: Confirmation Sampling Event (nAPP2235358408)

nAPP2235358408	Pinnacle State CTB 35H Lease Road	12/15/2022
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NTGE on behalf of DEVON Energy Production will be conducting confirmation sampling next week Tuesday May the 8th 2023 around 10 a.m. MDT at the aforementioned incident site.

Thanks!

STATEMENT OF CONFIDENTIALITY: The contents of this e-mail and its attachments are intended solely for the addressee(s) hereof. In addition, this e-mail transmission may be confidential. If you are not the named addressee, or if this message has been addressed to you in error, you are directed not to read, disclose, reproduce, distribute, disseminate or otherwise use this transmission. Delivery of this message to any person other than the intended recipients(s) is not intended in any way to waive confidentiality. If you have received this transmission in error, please alert the sender by reply e-mail; we also request that you immediately delete this message and its attachments, if any.

Ethan Sessums

From: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Sent: Friday, May 19, 2023 1:29 PM
To: Ethan Sessums
Cc: Bratcher, Michael, EMNRD; Hamlet, Robert, EMNRD
Subject: RE: [EXTERNAL] Sampling Notification

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

Ethan,

Ethan,

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

JH

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Environmental Bureau
EMNRD - Oil Conservation Division
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(505)469-2821 | Jocelyn.Harimon@emnrd.nm.gov
[http:// www.emnrd.nm.gov](http://www.emnrd.nm.gov)



From: Ethan Sessums <ESessums@ntglobal.com>
Sent: Thursday, May 18, 2023 8:53 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: NTG Env Carlsbad <ntg_env_carlsbad@ntglobal.com>
Subject: [EXTERNAL] Sampling Notification

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

nAPP2235358408	Pinnacle State CTB 35H Lease Road	12/15/2022
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NTGE on behalf of DEVON Energy Production will be conducting confirmation sampling next week Tuesday May the 23rd 2023 around 10 a.m. MDT regarding incident id: **nAPP2235358408**

Thanks!

Ethan Sessums

Ethan Sessums

From: Ethan Sessums
Sent: Thursday, June 1, 2023 3:42 PM
To: Enviro, OCD, EMNRD
Cc: NTG Env Carlsbad
Subject: Sampling Notification

nAPP2235358408

Pinnacle State CTB 35H Lease Road

12/15/2022

NTGE on behalf of DEVON Energy Production Company will be conducting confirmation sampling next week June the 6th the 23rd 2023 around 12 .p.m. MDT regarding incident id: nAPP2235358408

Thanks!

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



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	
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Application ID	

Release Notification

Responsible Party

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

Location of Release Source

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

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

Unit Letter	Section	Township	Range	County

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☐ Private (Name: _____)

Nature and Volume of Release

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

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

Cause of Release

Incident ID	
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Was this a major release as defined by 19.15.29.7(A) NMAC? <input type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

Initial Response

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

<input type="checkbox"/> The source of the release has been stopped.	
<input type="checkbox"/> The impacted area has been secured to protect human health and the environment.	
<input type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.	
<input type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
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Printed Name: _____	Title: _____
Signature: <u>Kendra Ruiz</u>	Date: _____
email: _____	Telephone: _____
<u>OCD Only</u>	
Received by: <u>Jocelyn Harimon</u>	Date: <u>01/04/2022</u>

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Site Assessment/Characterization

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Printed Name: Dale Woodall Title: Env. Professional
Signature: *Dale Woodall* Date: 6/27/2023
email: dale.woodall@dvn.com Telephone: 575-748-1838

OCD Only

Received by: _____ Date: _____

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Printed Name: Dale Woodall Title: Env. Professional
Signature: Dale Woodall Date: 6/27/2023
email: dale.woodall@dvn.com Telephone: 575-748-1838

OCD Only

Received by: _____ Date: _____

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

Signature: _____ Date: _____

Incident ID	nAPP2235358408
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: Dale Woodall Title: Env. Professional
Signature: Dale Woodall Date: 6/27/2023
email: dale.woodall@dvn.com Telephone: 575-748-1838

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

Spill Volume(Bbls) Calculator	
<i>Inputs in blue, Outputs in red</i>	
Contaminated Soil measurement	
Area (square feet)	Depth(inches)
<u>357.483</u>	<u>1.000</u>
Cubic Feet of Soil Impacted	<u>29.790</u>
Barrels of Soil Impacted	<u>5.31</u>
Soil Type	Sand
Barrels of Oil Assuming 100% Saturation	<u>1.06</u>
Saturation	Fluid present with shovel/backhoe
Estimated Barrels of Oil Released	<u>1.06</u>
Free Standing Fluid Only	
Area (square feet)	Depth(inches)
<u>357.483</u>	<u>3.000</u>
Standing fluid	<u>15.931</u>
Total fluids spilled	<u>16.993</u>

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 172120

CONDITIONS

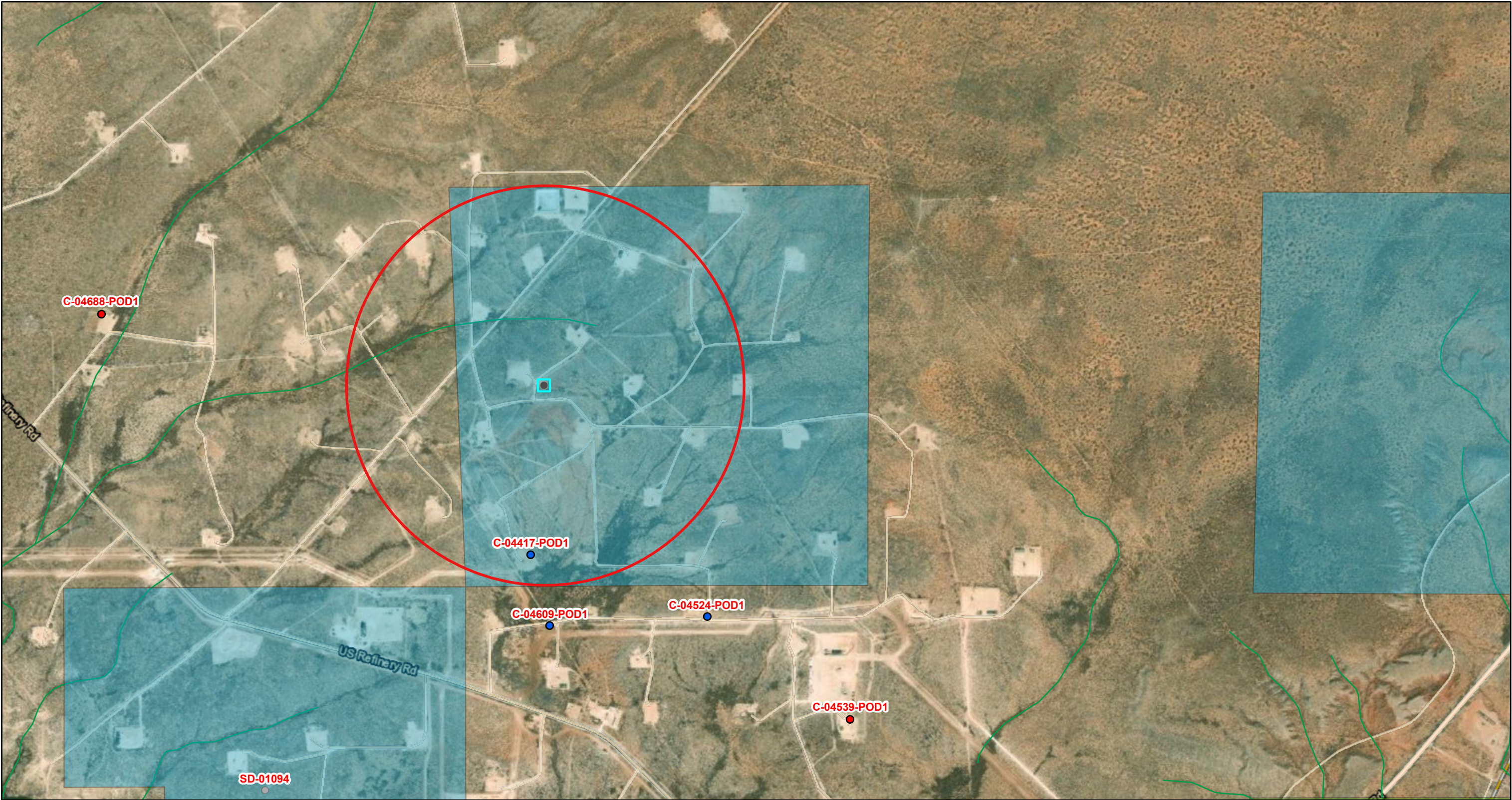
Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 172120
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jharimon	None	1/4/2023

SITE CHARACTERIZATION INFORMATION

OSE POD Locations Map



6/13/2023, 10:14:25 AM

Override 1

GIS WATERS PODs

Active

Plugged

OSE District Boundary

New Mexico State Trust Lands

Surface Estate

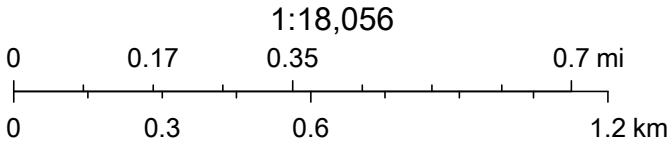
NHD Flowlines

Artificial Path

Stream River

Both Estates

SiteBoundaries



Esri, HERE, iPC, U.S. Department of Energy Office of Legacy Management, Esri, HERE, Garmin, iPC, Maxar



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD1		WELL TAG ID NO. Well Tag ID Not Issued		OSE FILE NO(S) C 04417			
	WELL OWNER NAME(S) WPX Energy				PHONE (OPTIONAL)			
	WELL OWNER MAILING ADDRESS 5315 Buena Vista Drive				CITY Carlsbad	STATE NM	ZIP 88220	
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 20	SECONDS 35.4 N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84			
LONGITUDE -104 02 47.1 W								
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE M-36-22S-28E; Pinnacle State #25								
2. DRILLING & CASING INFORMATION	LICENSE NO 1789		NAME OF LICENSED DRILLER Mark Mumby			NAME OF WELL DRILLING COMPANY HRL Compliance Solutions		
	DRILLING STARTED 3/31/2020	DRILLING ENDED 3/31/2020	DEPTH OF COMPLETED WELL (FT) 55	BORE HOLE DEPTH (FT) 55	DEPTH WATER FIRST ENCOUNTERED (FT) Water was not encountered			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) Water was not present in the well after 48-hours			
	DRILLING FLUID: <input type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input checked="" type="checkbox"/> OTHER - SPECIFY: Hollow Stem Auger							
	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	45	6.25	Blank PVC	Flush Thread	2.0	0.154	0.010
	45	55	6.25	Factory Slotted PVC Screen	Flush Thread	2.0	0.154	0.010
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						
				No Annular Seal Material or Gravel Pack	None			

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 04/30/19)

FILE NO.	C-4417	POD NO.	1	TRN NO.	670394
LOCATION	334 T22S R28E Sec 36	WELL TAG ID NO.	NA	PAGE 1 OF 2	

4. HYDROGEOLOGIC LOG OF WELL

5. TEST; RIG SUPERVISION

6. SIGNATURE

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 04/30/2019)	
FILE NO.	C-4417	POD NO.	1
LOCATION	334 T22.5 R28 E S. 36	TRN NO.	670344
		WELL TAG ID NO	NA
			PAGE 2 OF 2

John R. D Antonio, Jr., P.E.
State Engineer



Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

**STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER**

Trn Nbr: 670344
File Nbr: C 04417
Well File Nbr: C 04417 POD1

May. 29, 2020

LYNDA LAUMBACH
WPX ENERGY
5315 BUENA VISTA DRIVE
CARLSBAD, NM 88220

Greetings:

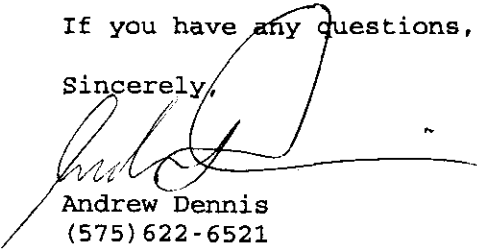
The above numbered permit was issued in your name on 03/26/2020.

The Well Record was received in this office on 05/26/2020, stating that it had been completed on 03/31/2020, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 03/26/2021.

If you have any questions, please feel free to contact us.

Sincerely,


Andrew Dennis
(575) 622-6521

drywell

National Flood Hazard Layer FIRMette



104°3'4"W 32°21'13"N



Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



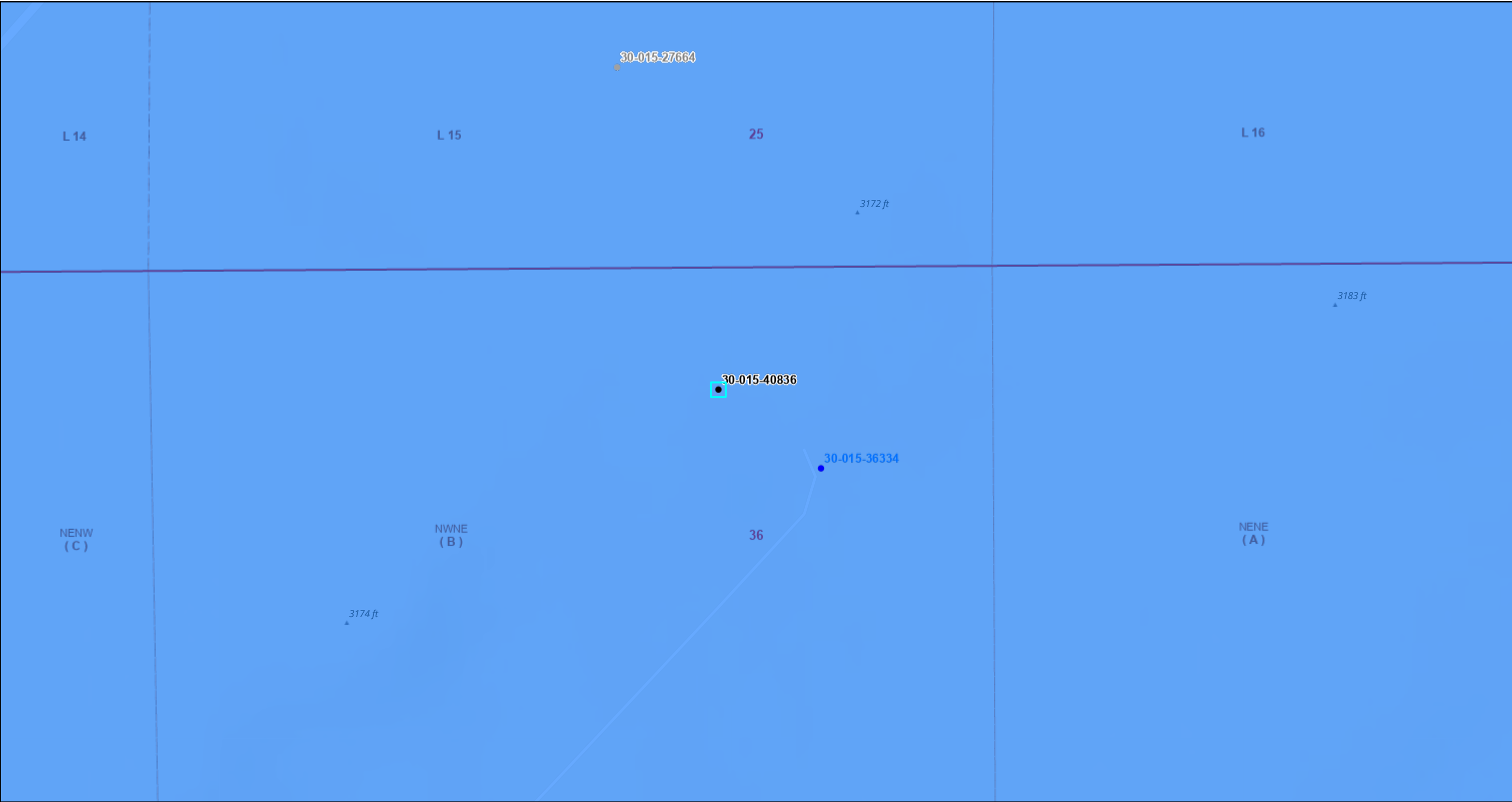
The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 6/13/2023 at 12:33 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

OCD Well Locations



1/10/2023, 4:45:05 PM

Wells - Large Scale

OSE PODs



Changed Location of Well

Karst Occurrence Potential



Oil, Active



Active



Capped



Medium



Oil, Cancelled



Inactive



Plugged



PLSS Second Division



Oil, New



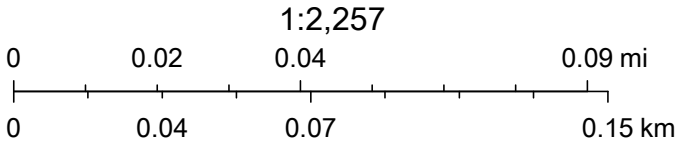
Pending



Unknown



PLSS First Division






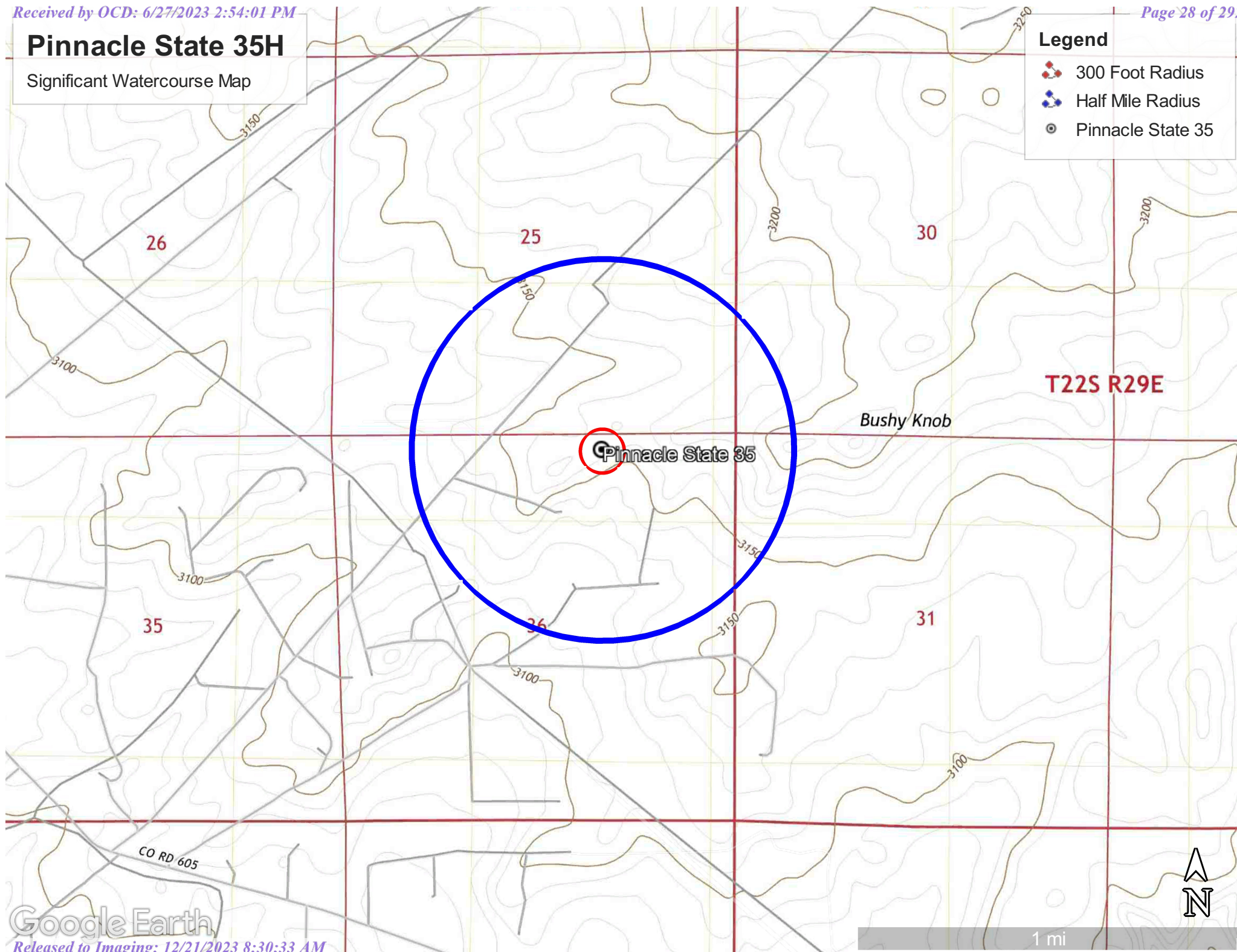
BLM, OCD, New Mexico Tech, OSE GIS, Oil Conservation Division of the New Mexico Energy, Minerals and Natural Resources Department., Esri Community Maps Contributors, New Mexico State

Pinnacle State 35H

Significant Watercourse Map

Legend

-  300 Foot Radius
-  Half Mile Radius
-  Pinnacle State 35

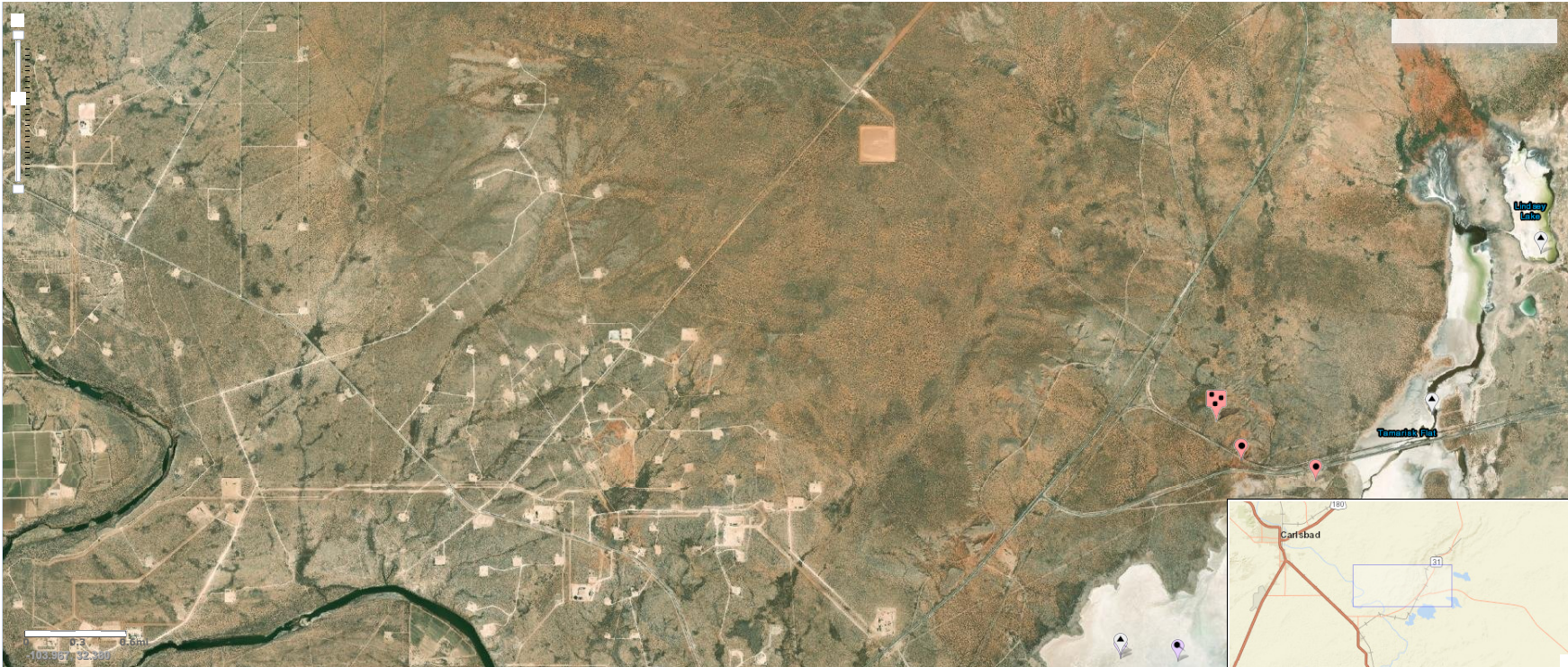




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National Water Information System: Mapper

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Site Information



Pinnacle State 35H



January 10, 2023

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

TABLES

Table 1
Summary of Soil Analytical Data - Delineation Samples
Pinnacle CTB 35H Lease Road
Devon Energy Production Company
Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6- C-10)	DRO (C10- C28)	GRO + DRO	MRO (C28- C35)	Total GRO/DRO/MRO	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
			Table I Closure Criteria for Soil 51-100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	1000 mg/kg	---	2500 mg/kg	10000 mg/kg
Delineation Samples													
H-1	1/25/2023	0-0.5'	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<49.9	<49.9	<49.9	<49.9	<49.9	<4.98
H-2	1/25/2023	0-0.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	<4.96
H-3	1/25/2023	0-0.5'	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<50.0	<50.0	<50.0	<50.0	<50.0	<4.98
H-4	1/25/2023	0-0.5'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<50.0	<50.0	<50.0	<50.0	<50.0	<4.99
H-5	1/25/2023	0-0.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	<4.97
H-6	1/25/2023	0-0.5'	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<49.9	<49.9	<49.9	<49.9	<49.9	<5.01
H-7	1/25/2023	0-0.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	<4.98
H-8	1/25/2023	0-0.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	<4.95
H-9	1/25/2023	0-0.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	<5.00
H-10	1/25/2023	0-0.5'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<50.0	<50.0	<50.0	<50.0	<50.0	<4.99
TP-1	1/25/2023	1'	<0.0201	2.05	3.53	27.4	33	250	690	940	139	1080	23.7
TP-1	1/25/2023	2'	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<50.0	134	134	63.3	197	298
TP-1	1/25/2023	3'	<0.00199	0.00336	<0.00199	<0.00398	0.00539	<49.9	59.2	59.2	<49.9	59.2	134
TP-1	1/25/2023	4'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	225
TP-1	1/25/2023	5'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	174
TP-1	1/25/2023	6'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	145
TP-1	1/25/2023	7'	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<49.9	<49.9	<49.9	<49.9	<49.9	131
TP-1	1/25/2023	8'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	60.1	60.1	<50.0	60.1	96.8
TP-1	1/25/2023	9'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	132
TP-1	1/25/2023	10'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	163
TP-2	1/25/2023	1'	0.0464	13	6.42	39.5	59	417	1140	1557	224	1780	6.15
TP-2	1/25/2023	2'	<0.00200	0.0537	0.181	1.03	1.26	188	646	834	125	959	9.22
TP-2	1/25/2023	3'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.9	74.4	74.4	<49.9	74.4	17
TP-2	1/25/2023	4'	<0.00199	<0.00199	0.00352	0.0327	0.0362	<49.9	320	320	69.5	390	17
TP-2	1/25/2023	5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	47
TP-2	1/25/2023	6'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	90.3
TP-2	1/25/2023	7'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	137
TP-2	1/25/2023	8'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	140
TP-2	1/25/2023	9'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	141
TP-2	1/25/2023	10'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	116
TP-3	1/25/2023	1'	0.141	0.613	1.03	7.44	9.22	74.7	162	236.7	<49.9	237	29.7
TP-3	1/25/2023	2'	<0.0502	15.3	8.99	36.4	59.4	723	722	1445	<50.0	1450	13.8
TP-3	1/25/2023	3'	<0.00199	0.0818	0.235	0.957	1.27	88.9	266	354.9	<50.0	355	22.6
TP-3	1/25/2023	4'	<0.00199	<0.00199	0.00217	0.0149	0.0171	<50.0	<50.0	<50.0	<50.0	<50.0	44
TP-3	1/25/2023	5'	<0.00199	0.00588	0.0102	0.135	0.151	<50.0	92.3	92.3	<50.0	92.3	56.9
TP-3	1/25/2023	6'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	130
TP-3	1/25/2023	7'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	121
TP-3	1/25/2023	8'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.8	<49.8	<49.8	<49.8	<49.8	97.8
TP-3	1/25/2023	9'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	91.7
TP-3	1/25/2023	10'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	84.1
TP-4	1/25/2023	1'	<0.200	32.8	17.2	71.5	122	449	830	1279	<50.0	1280	34.8
TP-4	1/25/2023	2'	<0.00201	0.0839	0.144	0.663	0.891	403	2590	2993	<49.9	2990	45.1
TP-4	1/25/2023	3'	<0.199	22.4	14.7	57.9	95	1890	2390	4280	<49.9	4280	15
TP-4	1/25/2023	4'	<0.00200	0.286	0.36	11.5	12.1	682	1240	1922	<50.0	1920	11.8
TP-4	1/25/2023	5'	<0.00198	0.00516	0.00446	0.0292	0.0388	<50.1	83.7	83.7	<50.1	83.7	9.73

Table 1
Summary of Soil Analytical Data - Delineation Samples
Pinnacle CTB 35H Lease Road
Devon Energy Production Company
Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6- C-10)	DRO (C10- C28)	GRO + DRO	MRO (C28 C35)	Total	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	GRO/DRO/MRO	
			Table I Closure Criteria for Soil 51-100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	1000 mg/kg	---	2500 mg/kg	10000 mg/kg
TP-4	1/25/2023	6'	<0.00199	0.00381	0.0318	0.194	0.229	98.2	509	607.2	<49.9	607	7.38
TP-4	1/25/2023	7'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<50.1	<50.1	<50.1	<50.1	<50.1	17.2
TP-4	1/25/2023	8'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<50.0	<50.0	<50.0	<50.0	<50.0	12.1
TP-4	1/25/2023	9'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	192	192	<49.9	192	35.5
TP-4	1/25/2023	10'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	41.1
TP-5	1/25/2023	1'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	40.7
TP-5	1/25/2023	2'	<0.00200	<0.00200	<0.00200	0.0343	0.0343	<49.9	288	288	<49.9	288	24.7
TP-5	1/25/2023	3'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	25.4
TP-5	1/25/2023	4'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	30.2
TP-5	1/25/2023	5'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	31.4
TP-5	1/25/2023	6'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	23.5
TP-5	1/25/2023	7'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	14.3
TP-5	1/25/2023	8'	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<49.9	<49.9	<49.9	<49.9	<49.9	12.3
TP-5	1/25/2023	9'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	5.4
TP-5	1/25/2023	10'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	5.44

Notes:

1. Values reported in mg/kg
2. < = Value Less Than Reporting Limit (RL)
3. Bold indicates Analyte Detected
4. BTEX analyses by EPA Method SW 8021B

 Sample Point Excavated

5. TPH analyses by EPA Method SW 8015 Mod.

6. GRO/DRO/MRO - Gasoline/Diesel/Motor Oil

7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table I Closure Criteria for the site.

8. Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table I Closure Criteria for the site (Surface to 4 Feet Below Grade).

9. --- Not Analyzed

Table 2
Summary of Soil Analytical Data - Delineation Samples
Pinnacle CTB 35H Lease Road
Devon Energy Production Company
Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6- C-10)	DRO (C10- C28)	GRO + DRO	MRO (C28- C35)	Total GRO/DRO/MRO	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Table I Closure Criteria for Soil 51-100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	1000 mg/kg	---	2500 mg/kg	10000 mg/kg
Confirmation Samples													
CS-1	5/9/2023	4'	<0.050	<0.050	<0.050	0.202	0.202	<10.0	39.4	39.4	<10.0	39.4	752
CS-2	5/9/2023	4'	<0.050	<0.050	<0.050	0.169	0.169	<10.0	26.2	26.2	<10.0	26.2	880
CS-3	5/9/2023	4'	<0.050	<0.050	<0.050	0.177	0.177	<10.0	28.2	28.2	<10.0	28.2	816
CS-4	5/9/2023	4'	<0.050	<0.050	<0.050	0.189	0.189	<10.0	26.2	26.2	<10.0	26.2	800
CS-5	5/9/2023	4'	<0.050	<0.050	<0.050	0.185	0.185	<10.0	39.1	39.1	<10.0	39.1	816
CS-6	5/9/2023	4'	<0.050	<0.050	<0.050	0.19	0.19	<10.0	27.9	27.9	<10.0	27.9	832
CS-7	5/9/2023	4'	<0.050	<0.050	<0.050	0.171	0.171	<10.0	30.5	30.5	<10.0	30.5	832
CS-8	5/9/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	32.1	32.1	<10.0	32.1	720
CS-9	5/9/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	115	115	18.8	133.8	240
CS-10	5/9/2023	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	116	116	15.2	131.2	80
CS-11	5/9/2023	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	114	114	17	131	96
CS-12	5/9/2023	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	130	130	21.2	151.2	96
CS-13	5/9/2023	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	135	135	25.5	160.5	96
CS-14	5/9/2023	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	144	144	32.5	176.5	80
CS-15	5/9/2023	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	130	130	21.6	151.6	80
CS-16	5/9/2023	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	102	102	19.2	121.2	80
CS-17	5/9/2023	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	92.5	92.5	15	107.5	96
CS-18	5/9/2023	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	102	102	17.7	119.7	80
CS-19	5/9/2023	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	31.4	31.4	<10.0	31.4	80
CS-20	5/9/2023	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	27.9	27.9	<10.0	27.9	64
CS-21	5/9/2023	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	39.8	39.8	<10.0	39.8	96
CS-22	5/9/2023	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	43.3	43.3	<10.0	43.3	64
CS-23	5/9/2023	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	26.8	26.8	<10.0	26.8	96
CS-24	5/9/2023	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	36.9	36.9	<10.0	36.9	96
CS-25	5/9/2023	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	51.5	51.5	<10.0	51.5	80
CS-26	5/9/2023	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	30.6	30.6	<10.0	30.6	80
CS-27	5/9/2023	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	42.4	42.4	<10.0	42.4	96
CS-28	5/9/2023	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	42.4	42.4	<10.0	42.4	80
CS-29	5/9/2023	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	35.2	35.2	<10.0	35.2	48
CS-30	5/9/2023	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	50	50	<10.0	50	48
CS-31	5/9/2023	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	29.8	29.8	<10.0	29.8	48
CS-32	5/9/2023	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	27.5	27.5	<10.0	27.5	48
CS-33	5/9/2023	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	20.3	20.3	<10.0	20.3	32
CS-34	5/9/2023	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	17.5	17.5	<10.0	17.5	32
CS-35	5/9/2023	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	15.5	15.5	<10.0	15.5	32
CS-36	5/9/2023	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	20.1	20.1	<10.0	20.1	16
CS-37	5/9/2023	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	22.5	22.5	<10.0	22.5	48
CS-38	5/9/2023	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
CS-39	5/9/2023	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144

Table 2
Summary of Soil Analytical Data - Delineation Samples
Pinnacle CTB 35H Lease Road
Devon Energy Production Company
Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6 C-10)	DRO (C10 C28)	GRO + DRO	MRO (C28 C35)	Total GRO/DRO/MRO	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Table 1 Closure Criteria for Soil 51-100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	1000 mg/kg	---	2500 mg/kg	10000 mg/kg
CS-40	5/9/2023	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
CS-41	5/9/2023	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
CS-42	5/9/2023	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	20.8	20.8	<10.0	20.8	128
CS-43	5/9/2023	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	21.5	21.5	<10.0	21.5	128
CS-44	5/9/2023	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	43.1	43.1	<10.0	43.1	16
CS-45	5/9/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	44.4	44.4	<10.0	44.4	32
CS-46	5/9/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	45.4	45.4	<10.0	45.4	16
CS-47	5/9/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	53.4	53.4	<10.0	53.4	16
CS-48	5/9/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	22.9	22.9	<10.0	22.9	128
CS-49	5/9/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	15.6	15.6	<10.0	15.6	128
CS-50	5/9/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
CS-51	5/9/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	22.8	22.8	<10.0	22.8	112
CS-52	5/9/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	13.7	13.7	<10.0	13.7	128
SW-1	5/9/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	493	493	82.5	575.5	400
SW-1A	5/23/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
SW-2	5/9/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	121	121	14.5	135.5	688
SW-2A	5/23/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
SW-3	5/9/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	403	403	67	470	576
SW-3A	5/23/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
SW-4	5/9/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	567	567	107	674	432
SW-4A	5/23/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-5	5/9/2023	0-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	662	662	112	774	80
SW-5A	5/23/2023	0-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
SW-6	5/9/2023	0-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	18.6	1090	1108.6	185	1293.6	112
SW-6A	5/23/2023	0-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	288
SW-7	5/9/2023	0-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	640	640	130	770	112
SW-7A	5/23/2023	0-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	304
SW-8	5/9/2023	0-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	558	558	98.6	656.6	96
SW-8A	5/23/2023	0-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-9	5/9/2023	0-4.5'	<0.050	<0.050	<0.050	0.173	0.173	16.6	1360	1376.6	238	1614.6	96
SW-9A	5/23/2023	0-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-10	5/9/2023	0-4.5'	<0.050	0.087	0.06	0.0349	0.496	13.4	1050	1063.4	214	1277.4	112
SW-10A	5/23/2023	0-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	90.6	90.6	15.5	106.1	32
SW-10B	6/6/2023	0-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
SW-11	5/9/2023	0-4.5'	<0.050	0.068	<0.050	0.292	0.36	13	893	906	197	1103	112
SW-11A	5/23/2023	0-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
SW-12	5/9/2023	0-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	628	628	144	772	80
SW-12A	5/23/2023	0-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-13	5/9/2023	0-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	424	424	99.2	523.2	80
SW-13A	5/23/2023	0-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0

Table 2
Summary of Soil Analytical Data - Delineation Samples
Pinnacle CTB 35H Lease Road
Devon Energy Production Company
Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	GRO (C6 C-10)	DRO (C10 C28)	GRO + DRO	MRO (C28 C35)	Total GRO/DRO/MRO	(mg/kg)
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Table I Closure Criteria for Soil 51-100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	1000 mg/kg	---	2500 mg/kg	10000 mg/kg
SW-14	5/9/2023	0-4.5'	<0.050	0.087	0.053	0.38	0.521	<10.0	603	603	131	734	112
SW-14A	5/23/2023	0-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	288
SW-15	5/9/2023	0-4.5'	<0.050	<0.050	<0.050	0.197	0.197	11.9	826	837.9	182	1019.9	96
SW-15A	5/23/2023	0-4.5'	<0.050	<0.050	<0.050	0.150	0.300	16.0	109	109	16.3	125.3	48
SW-15B	6/6/2023	0-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
SW-16	5/9/2023	0-4.5'	<0.050	<0.050	<0.050	0.2	0.2	<10.0	682	682	161	843	112
SW-16A	5/23/2023	0-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
SW-17	5/9/2023	0-4.5'	<0.050	0.062	0.053	0.328	0.444	11.7	812	823.7	185	1008.7	80
SW-17A	5/23/2023	0-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
SW-18	5/9/2023	0-4.5'	<0.050	0.089	0.114	0.662	0.864	10.5	1240	1250.5	318	1568.5	96
SW-18A	5/23/2023	0-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
SW-19	5/9/2023	0-4.5'	<0.050	0.064	0.065	0.469	0.599	942	942	942	218	1160	128
SW-19A	5/23/2023	0-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-20	5/9/2023	0-4.5'	<0.050	0.08	0.084	0.575	0.739	<10.0	649	649	170	819	96
SW-20A	5/23/2023	0-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
SW-21	5/9/2023	3-4.5'	<0.050	<0.050	<0.050	0.389	0.389	<10.0	858	858	188	1046	64
SW-21A	5/23/2023	0-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
SW-22	5/9/2023	0-3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
SW-23	5/9/2023	0-3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
SW-24	5/9/2023	0-3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32

Notes:

1. Values reported in mg/kg
2. < = Value Less Than Reporting Limit (RL)
3. Bold indicates Analyte Detected
4. BTEX analyses by EPA Method SW 8021B
5. SP-1 Sample Point Excavated

5. TPH analyses by EPA Method SW 8015 Mod.
6. GRO/DRO/MRO - Gasoline/Diesel/Motor Oil

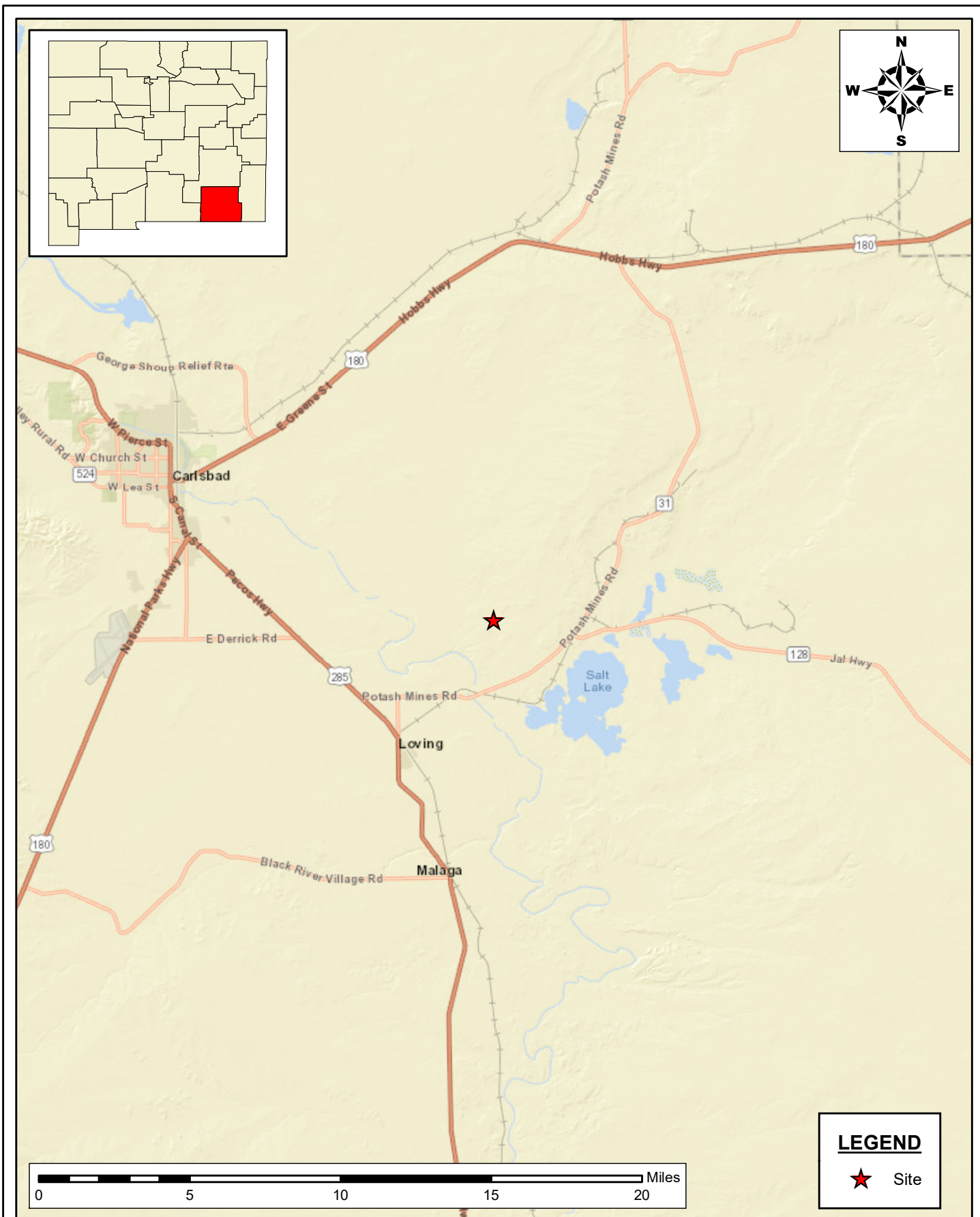
7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table I Closure Criteria for the site.

8. Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table I Closure Criteria for the site (Surface to 4 Feet Below Grade).

9. --- Not Analyzed

FIGURES

Document Path: P:\2023 PROJECT\SIDEVONRSC\236729 - Pinnacle CTB 35H Lease Road7 - Figures\GIS\Figure_1_SL_DH.mxd



SITE LOCATION MAP
SITE ASSESSMENT REPORT
DEVON ENERGY PRODUCTION
COMPANY
 PINNACLE STATE 35H
 EDDY COUNTY, NEW MEXICO

SCALE: As Shown Date: 6/16/2023 PROJECT #:236729



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

NOTES:

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

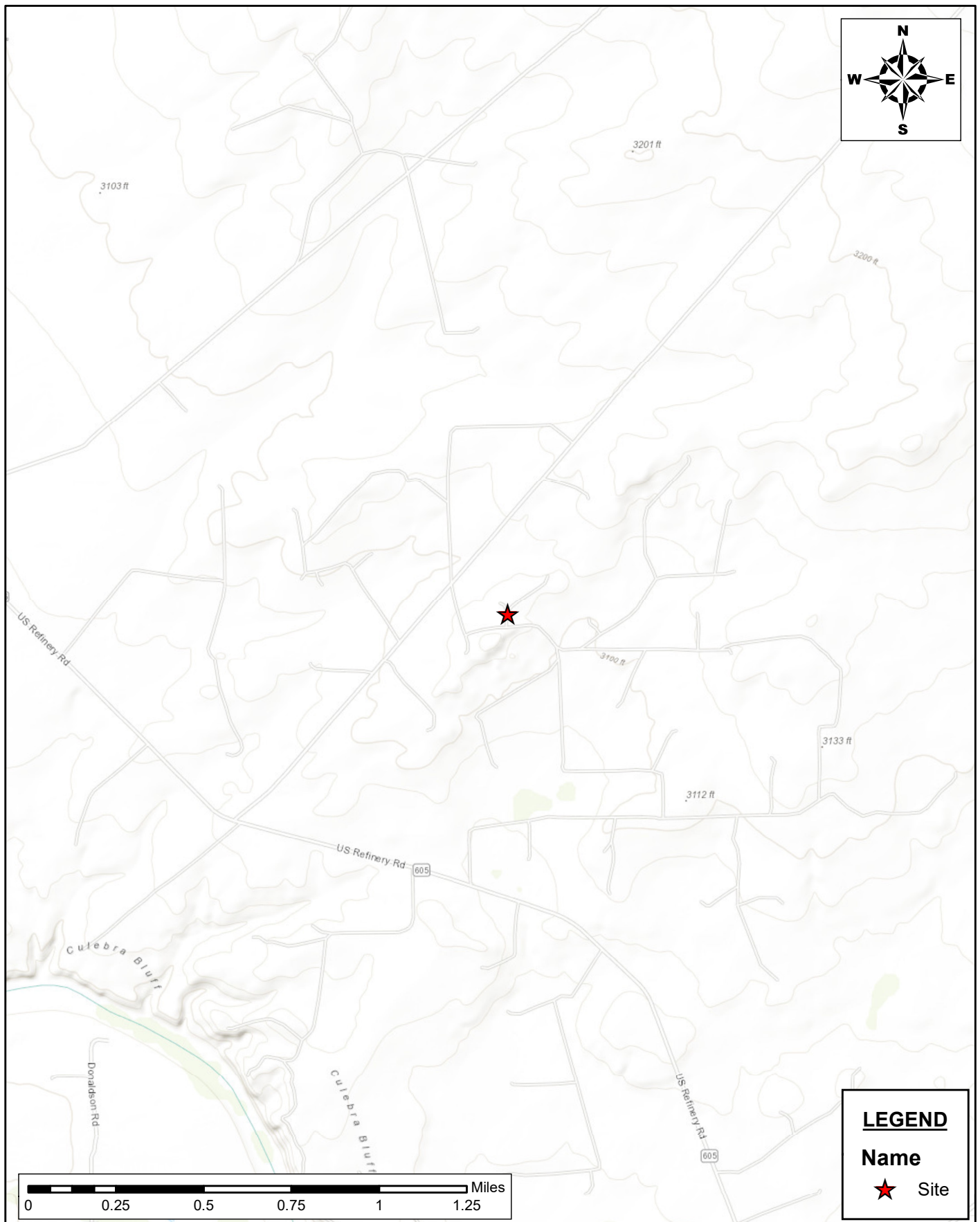
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FIGURE 1

SHEET NUMBER:

1 of 1

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**TOPOGRAPHIC MAP
REMEDIAL ACTION REPORT
PINNACLE STATE 35H
DEVON ENERGY PRODUCTION
COMPANY
EDDY COUNTY, NEW MEXICO**

SCALE: As Shown Date: 6/16/2023 PROJECT #: 236729



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

NOTES:

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

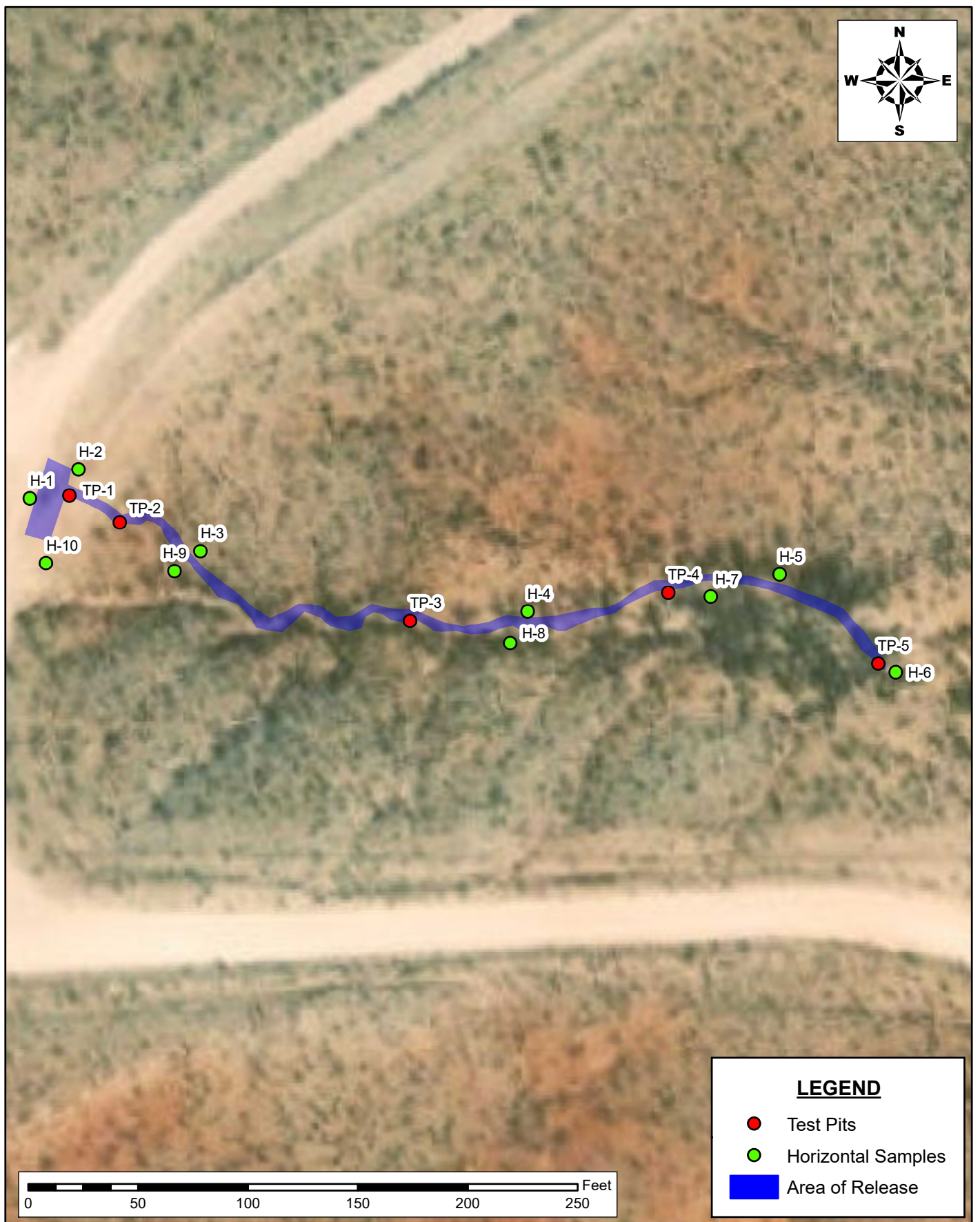
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FIGURE 2

SHEET NUMBER:

1 of 1

Document Path: P:\2023 PROJECTS\DEVON\IRSC\236729 - Pinnacle CTB 35H Lease Road\7- Figures\GIS\Figure_3.mxd



**SITE ASSESMENT MAP
REMEDIAL ACTION REPORT**
PINNACLE STATE 35H
DEVON ENERGY PRODUCTION COMPANY
EDDY COUNTY, NEW MEXICO

SCALE: As Shown

Date: 1/30/2023

PROJECT #: 236729



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

NOTES:

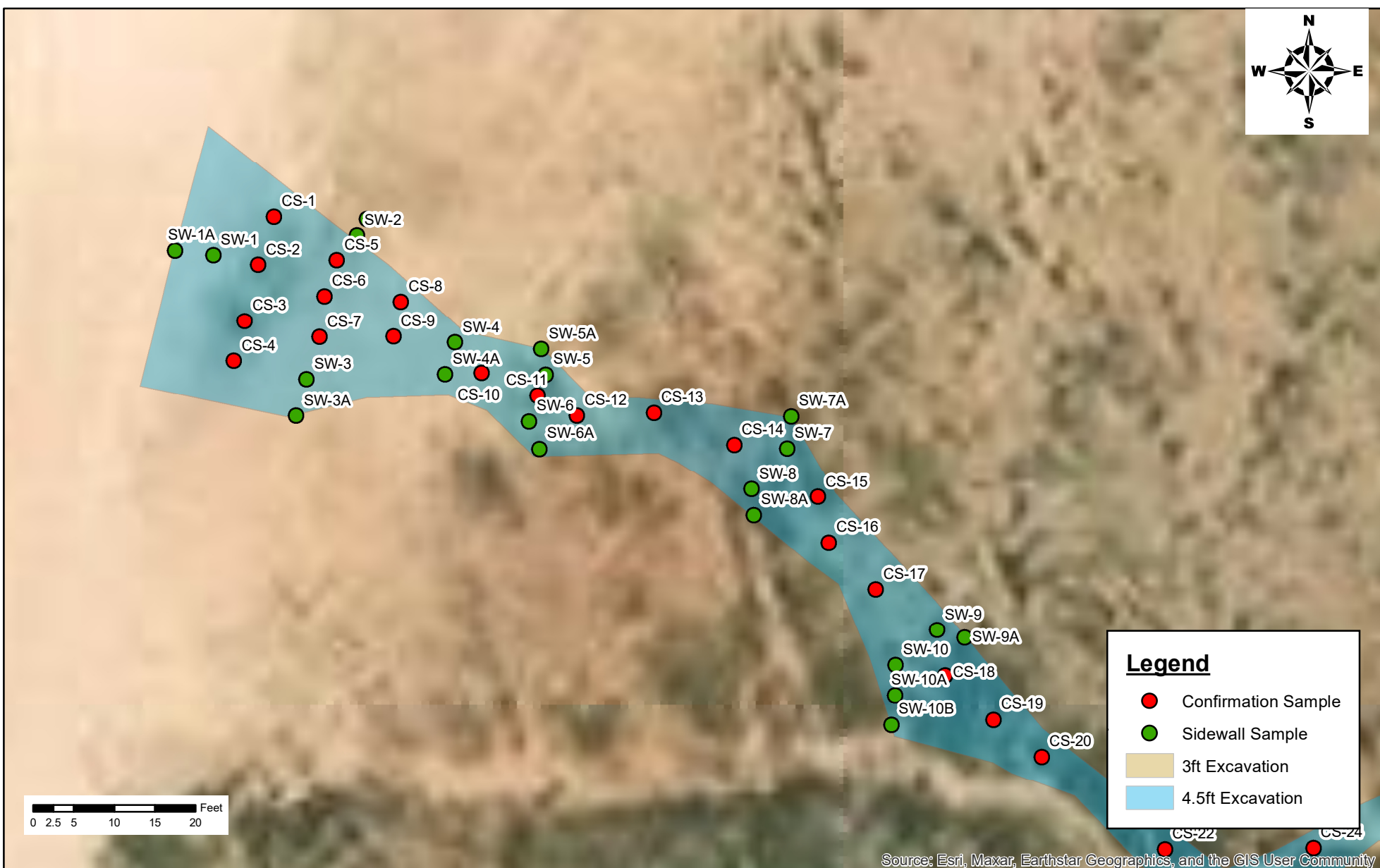
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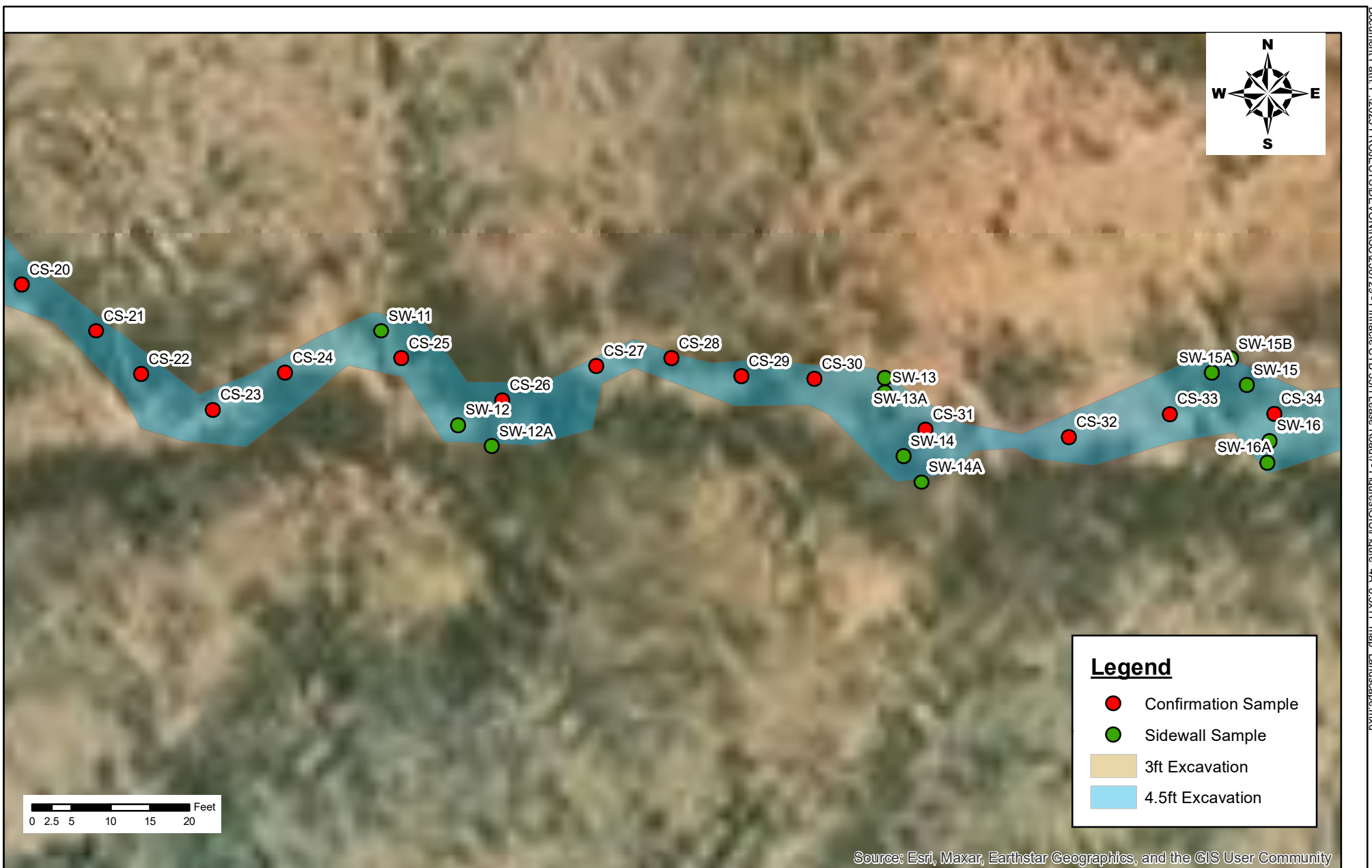
FIGURE 3

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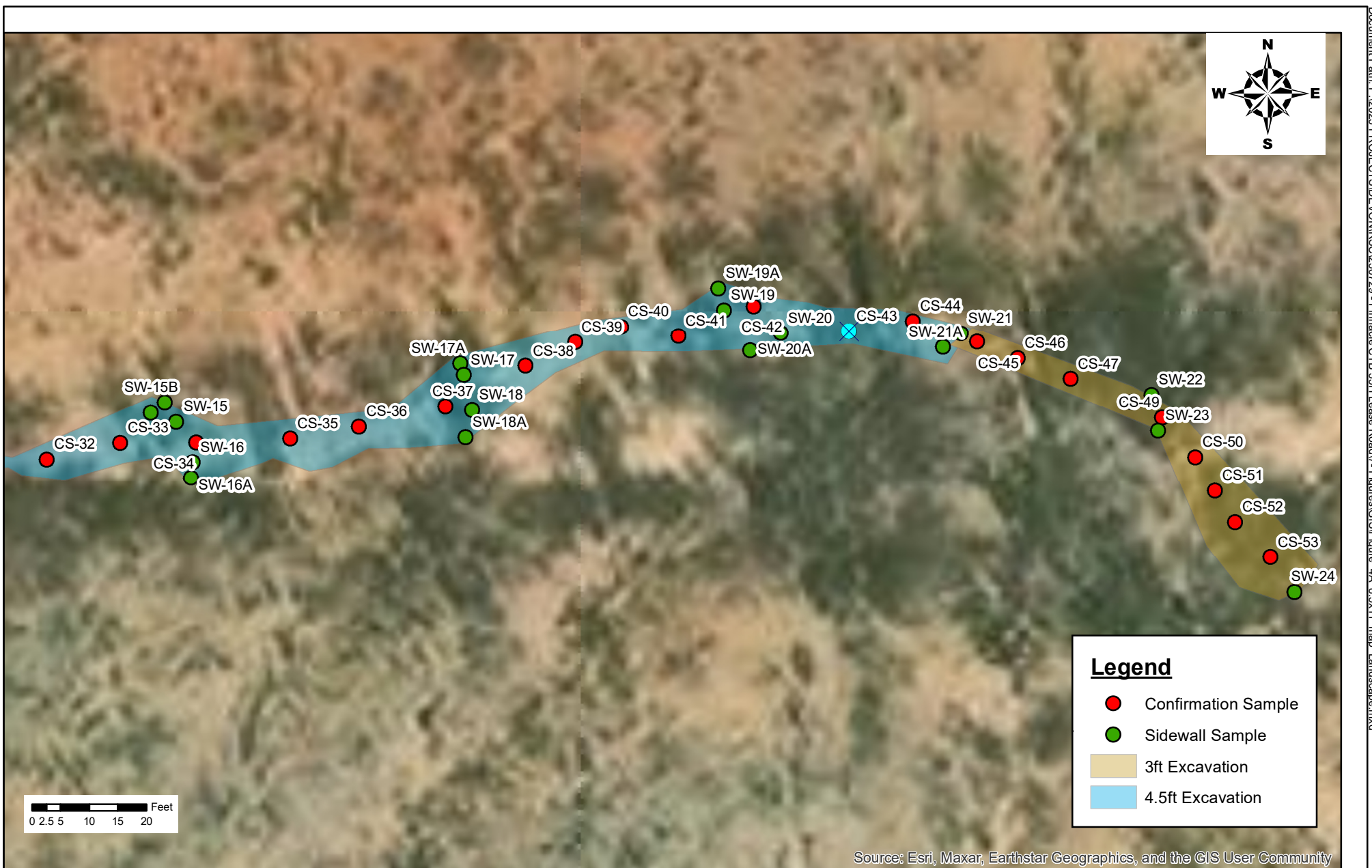
1 of 1




1 of 3	SHEET NUMBER	DRAWING NUMBER	CONFIRMATION MAP REMEDIAL ACTION REPORT PINNACLE STATE 35H DEVON ENERGY PRODUCTION COMPANY EDDY COUNTY, NEW MEXICO			New Tech Global Environmental, LLC 911 Regional Park Drive Houston, Texas 77060 T - 281.872.9300 F - 281.872.4521 Web: www.ntgenviroanmental.com			NOTES: 1. Base Image: ESRI Maps & Data 2013 2. Map Projection: NAD 1983 UTM Zone 13
			SCALE: As Shown	Date: 6/22/2023	PROJECT #: 236729				
FIGURE 4A									



DRAWING NUMBER FIGURE 4A SHEET NUMBER 2 of 3	CONFIRMATION MAP REMEDIAL ACTION REPORT PINNACLE STATE 35H DEVON ENERGY PRODUCTION COMPANY EDDY COUNTY, NEW MEXICO SCALE: As Shown Date: 6/22/2023 PROJECT #: 236729	New Tech Global Environmental, LLC 911 Regional Park Drive Houston, Texas 77060 T - 281.872.9300 F - 281.872.4521 Web: www.ntgenvironmental.com	NOTES: 1. Base Image: ESRI Maps & Data 2013 2. Map Projection: NAD 1983 UTM Zone 13N



Document Path: P:\2023 PROJECTS\DEVON\RSC\236729 - Pinnacle CTB 35H Lease Road\7-Figures\GIS\Figure 4A 8.5x11 map landscape.mxd

<p>3 of 3</p> <p>SHEET NUMBER</p> <p>FIGURE 4A</p> <p>DRAWING NUMBER</p>	<p>CONFIRMATION MAP</p> <p>REMEDIAL ACTION REPORT</p> <p>PINNACLE STATE 35H</p> <p>DEVON ENERGY PRODUCTION COMPANY</p> <p>EDDY COUNTY, NEW MEXICO</p> <p>SCALE: As Shown</p> <p>Date: 6/22/2023</p> <p>PROJECT #: 236729</p>	<p>New Tech Global Environmental, LLC</p> <p>911 Regional Park Drive</p> <p>Houston, Texas 77060</p> <p>T - 281.872.9300</p> <p>F - 281.872.4521</p> <p>Web: www.ntgenvironmental.com</p> <p></p>	<p>NOTES:</p> <p>1. Base Image: ESRI Maps & Data 2013</p> <p>2. Map Projection: NAD 1983 UTM Zone 13N</p>
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PHOTOGRAPHIC LOG

PHOTOGRAPHIC LOG

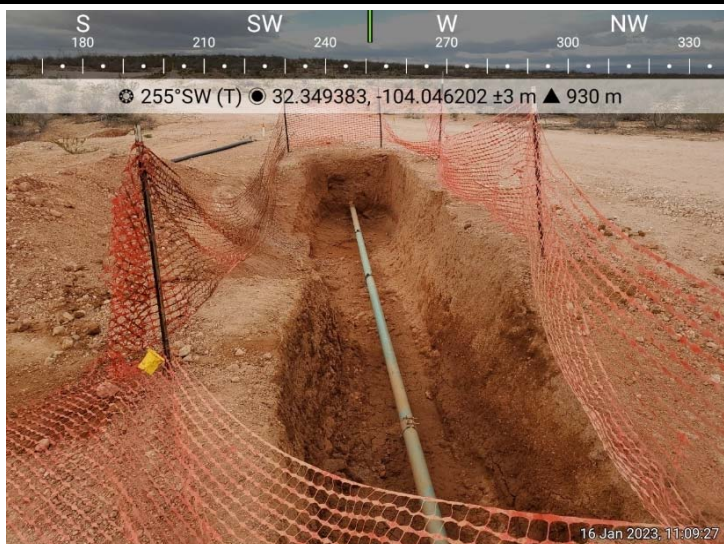
Devon Energy Production Company

Photograph No. 1

Facility: Pinnacle State 35H

County: Eddy County, New Mexico

Description:
Area of concern.

**Photograph No. 2**

Facility: Pinnacle State 35H

County: Eddy County, New Mexico

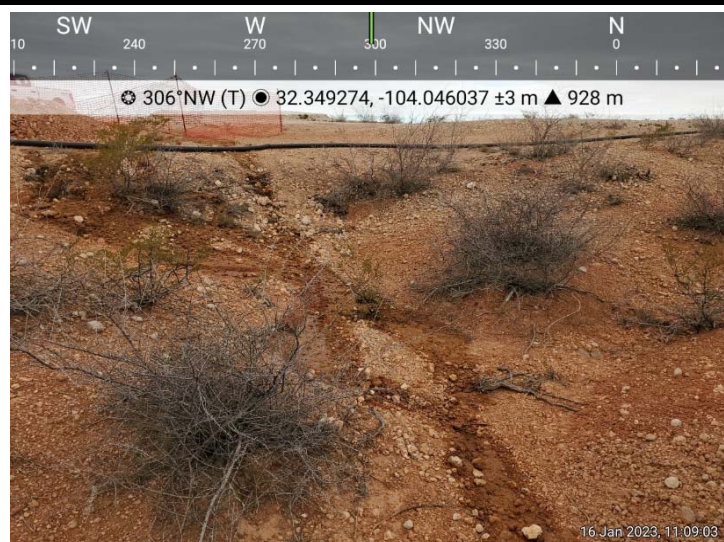
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**Photograph No. 3**

Facility: Pinnacle State 35H

County: Eddy County, New Mexico

Description:
Area of concern.



PHOTOGRAPHIC LOG

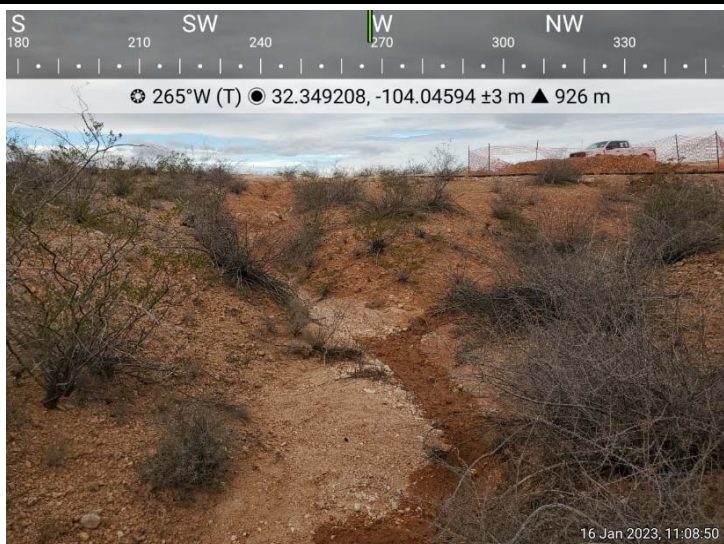
Devon Energy Production Company

Photograph No. 4

Facility: Pinnacle State 35H

County: Eddy County, New Mexico

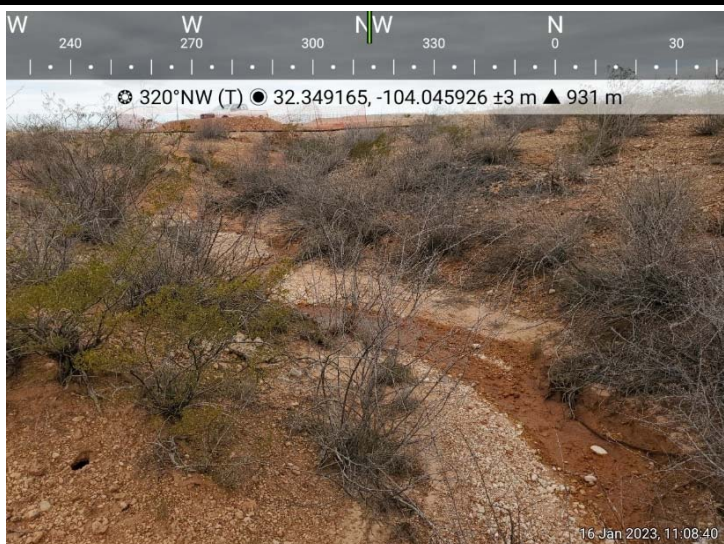
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**Photograph No. 5**

Facility: Pinnacle State 35H

County: Eddy County, New Mexico

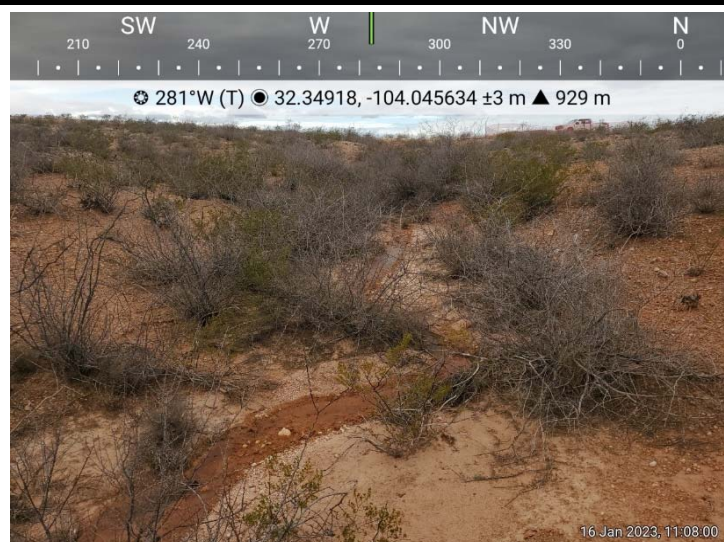
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**Photograph No. 6**

Facility: Pinnacle State 35H

County: Eddy County, New Mexico

Description:
Area of concern.



PHOTOGRAPHIC LOG

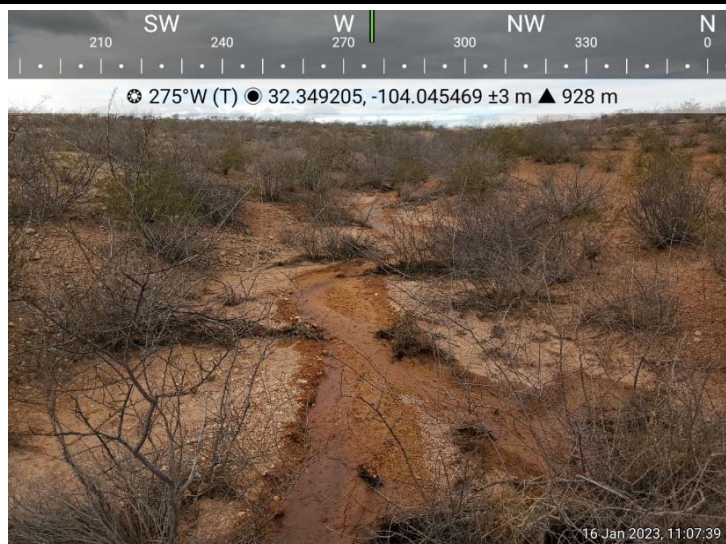
Devon Energy Production Company

Photograph No. 7

Facility: Pinnacle State 35H

County: Eddy County, New Mexico

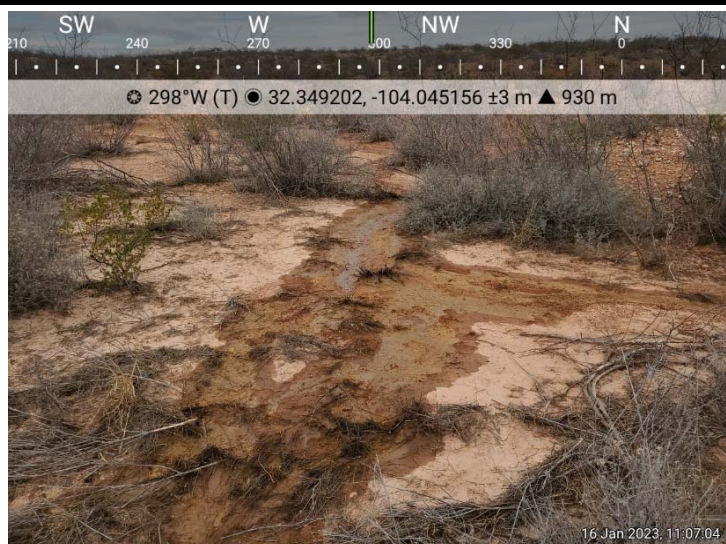
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**Photograph No. 8**

Facility: Pinnacle State 35H

County: Eddy County, New Mexico

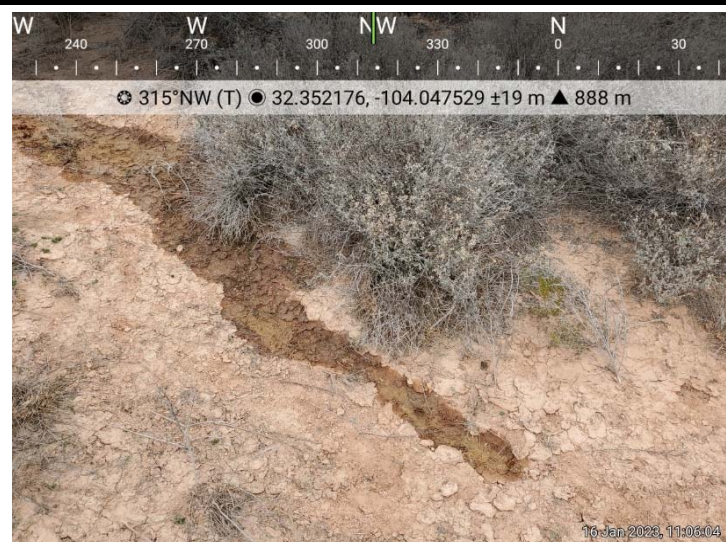
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**Photograph No. 9**

Facility: Pinnacle State 35H

County: Eddy County, New Mexico

Description:
Area of concern.



PHOTOGRAPHIC LOG

Devon Energy Production Company

Photograph No. 10

Facility: Pinnacle State 35H

County: Eddy County, New Mexico

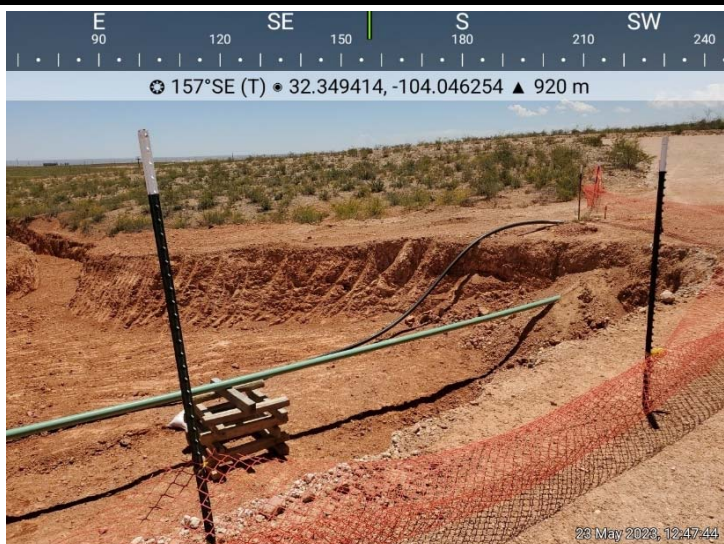
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**Photograph No. 11**

Facility: Pinnacle State 35H

County: Eddy County, New Mexico

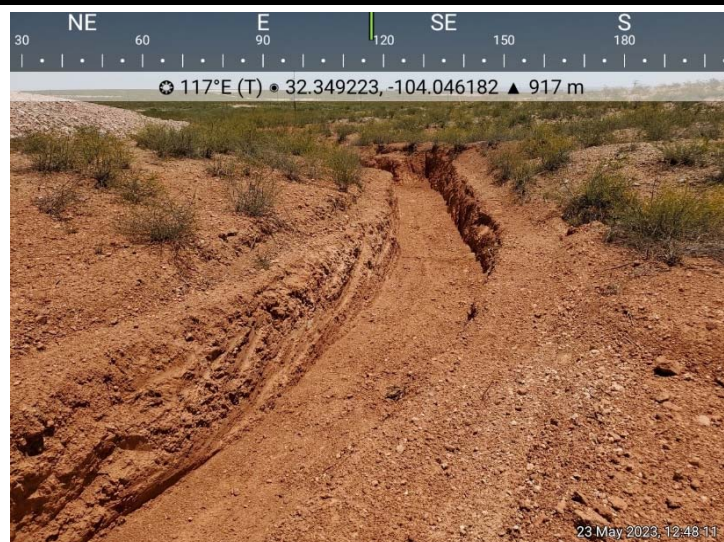
Description:
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**Photograph No. 12**

Facility: Pinnacle State 35H

County: Eddy County, New Mexico

Description:
Final Excavation.



PHOTOGRAPHIC LOG

Devon Energy Production Company

Photograph No. 13

Facility: Pinnacle State 35H

County: Eddy County, New Mexico

Description:
Final Excavation.

**Photograph No. 14**

Facility: Pinnacle State 35H

County: Eddy County, New Mexico

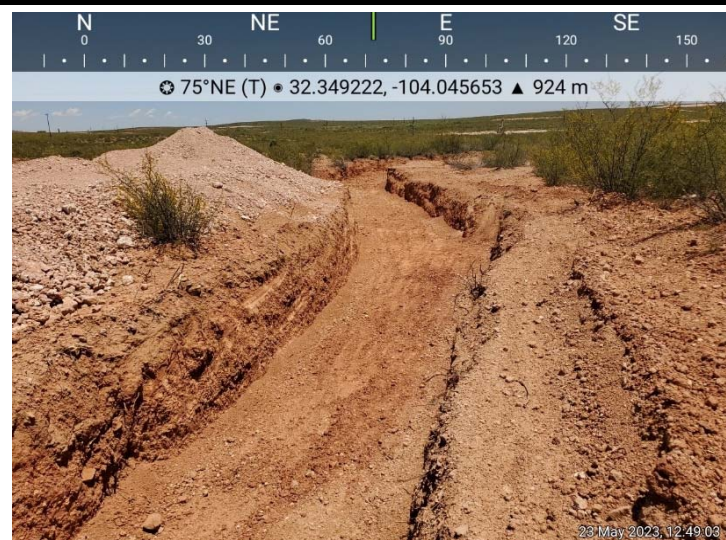
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**Photograph No. 15**

Facility: Pinnacle State 35H

County: Eddy County, New Mexico

Description:
Final Excavation.



PHOTOGRAPHIC LOG

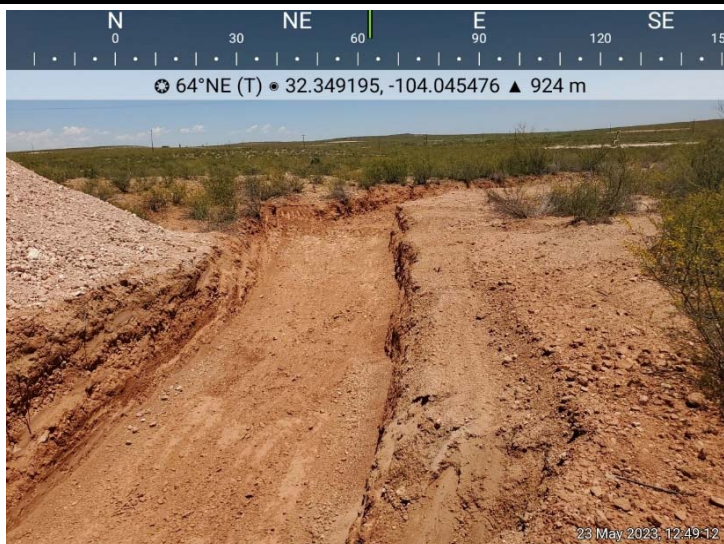
Devon Energy Production Company

Photograph No. 16

Facility: Pinnacle State 35H

County: Eddy County, New Mexico

Description:
Final Excavation.

**Photograph No. 17**

Facility: Pinnacle State 35H

County: Eddy County, New Mexico

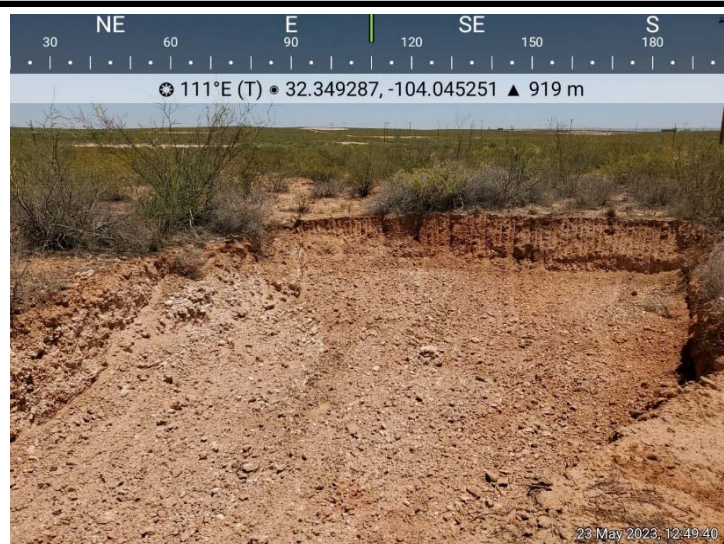
Description:
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**Photograph No. 18**

Facility: Pinnacle State 35H

County: Eddy County, New Mexico

Description:
Final Excavation.



LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Ethan Sessums
NT Global

701 Tradewinds Blvd
Midland, Texas 79706

Generated 2/9/2023 9:24:03 AM

JOB DESCRIPTION

Pinnacle CTB 35H Lease Road
SDG NUMBER 236729

JOB NUMBER

890-3962-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

Eurofins Carlsbad**Job Notes**

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

Generated
2/9/2023 9:24:03 AM

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

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Laboratory Job ID: 890-3962-1
SDG: 236729

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Definitions/Glossary

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Case Narrative

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Job ID: 890-3962-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative
890-3962-1

Receipt

The samples were received on 1/26/2023 10:38 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.0°C

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: TP-1 (1) (890-3962-1), TP-1 (2) (890-3962-2), TP-1 (3) (890-3962-3), TP-1 (4) (890-3962-4), TP-1 (5) (890-3962-5), TP-1 (6) (890-3962-6), TP-1 (7) (890-3962-7), TP-1 (8) (890-3962-8), TP-1 (9) (890-3962-9), TP-1 (10) (890-3962-10), TP-2 (1) (890-3962-11), TP-2 (2) (890-3962-12), TP-2 (3) (890-3962-13), TP-2 (4) (890-3962-14), TP-2 (5) (890-3962-15), TP-2 (6) (890-3962-16), TP-2 (7) (890-3962-17), TP-2 (8) (890-3962-18), TP-2 (9) (890-3962-19), TP-2 (10) (890-3962-20), TP-3 (1) (890-3962-21), TP-3 (2) (890-3962-22), TP-3 (3) (890-3962-23), TP-3 (4) (890-3962-24), TP-3 (5) (890-3962-25), TP-3 (6) (890-3962-26), TP-3 (7) (890-3962-27), TP-3 (8) (890-3962-28), TP-3 (9) (890-3962-29), TP-3 (10) (890-3962-30), TP-4 (1) (890-3962-31), TP-4 (2) (890-3962-32), TP-4 (3) (890-3962-33), TP-4 (4) (890-3962-34), TP-4 (5) (890-3962-35), TP-4 (6) (890-3962-36), TP-4 (7) (890-3962-37), TP-4 (8) (890-3962-38), TP-4 (9) (890-3962-39), TP-4 (10) (890-3962-40), TP-5 (1) (890-3962-41), TP-5 (2) (890-3962-42), TP-5 (3) (890-3962-43), TP-5 (4) (890-3962-44), TP-5 (5) (890-3962-45), TP-5 (6) (890-3962-46), TP-5 (7) (890-3962-47), TP-5 (8) (890-3962-48), TP-5 (9) (890-3962-49), TP-5 (10) (890-3962-50), H-1 (0-0.5') (890-3962-51), H-2 (0-0.5') (890-3962-52), H-3 (0-0.5') (890-3962-53), H-4 (0-0.5') (890-3962-54), H-5 (0-0.5') (890-3962-55), H-6 (0-0.5') (890-3962-56), H-7 (0-0.5') (890-3962-57), H-8 (0-0.5') (890-3962-58), H-9 (0-0.5') (890-3962-59) and H-10 (0-0.5') (890-3962-60).

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: TP-5 (8) (890-3962-48), (MB 880-45550/5-A) and (MB 880-45561/5-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: TP-1 (1) (890-3962-1) and TP-2 (1) (890-3962-11). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike duplicate (MSD) recoveries for preparation batch 880-45559 and analytical batch 880-45546 were outside control limits. Non-homogeneity is 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 880-45561 and analytical batch 880-45543 were outside control limits for one or more analytes, see QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-45560 and analytical batch 880-45650 were outside control limits for one or more analytes, see QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: TP-3 (3) (890-3962-23) and (890-3962-A-23-G MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-45694 and analytical batch 880-45648 were outside control limits for one or more analytes, see QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: TP-1 (1) (890-3962-1) and TP-2 (1) (890-3962-11). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: TP-4 (1) (890-3962-31), TP-4 (2) (890-3962-32), TP-4 (3) (890-3962-33), TP-4 (4) (890-3962-34), TP-4 (5) (890-3962-35), TP-4 (6) (890-3962-36) and TP-4 (8) (890-3962-38). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Case Narrative

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Job ID: 890-3962-1 (Continued)

Laboratory: Eurofins Carlsbad (Continued)

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

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (MB 880-45635/1-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: H-8 (0--0.5') (890-3962-58). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: TP-4 (3) (890-3962-33). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-44975 and analytical batch 880-45158 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300_ORGFM_28D: The laboratory control sample (LCS) associated with preparation batch 880-45079 and 880-45079 and analytical batch 880-45160 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.

Method 300_ORGFM_28D: The laboratory control sample (LCS) associated with preparation batch 880-45079 and analytical batch 880-45160 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.

Client Sample Results

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Client Sample ID: TP-1 (1)

Lab Sample ID: 890-3962-1

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0201	U	0.0201		mg/Kg		02/06/23 10:09	02/07/23 04:11	10
Toluene	2.05		0.0201		mg/Kg		02/06/23 10:09	02/07/23 04:11	10
Ethylbenzene	3.53		0.0201		mg/Kg		02/06/23 10:09	02/07/23 04:11	10
m-Xylene & p-Xylene	18.1		0.401		mg/Kg		02/07/23 12:47	02/08/23 07:17	100
o-Xylene	9.28		0.200		mg/Kg		02/07/23 12:47	02/08/23 07:17	100
Xylenes, Total	27.4		0.401		mg/Kg		02/07/23 12:47	02/08/23 07:17	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	176	S1+	70 - 130	02/06/23 10:09	02/07/23 04:11	10
1,4-Difluorobenzene (Surr)	71		70 - 130	02/06/23 10:09	02/07/23 04:11	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	33.0		0.401		mg/Kg			02/07/23 09:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1080		49.8		mg/Kg			02/08/23 08:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	250		49.8		mg/Kg		02/06/23 16:27	02/07/23 11:03	1
Diesel Range Organics (Over C10-C28)	690		49.8		mg/Kg		02/06/23 16:27	02/07/23 11:03	1
Oil Range Organics (Over C28-C36)	139		49.8		mg/Kg		02/06/23 16:27	02/07/23 11:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130	02/06/23 16:27	02/07/23 11:03	1
o-Terphenyl	99		70 - 130	02/06/23 16:27	02/07/23 11:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23.7		4.95		mg/Kg			01/31/23 16:49	1

Client Sample ID: TP-1 (2)

Lab Sample ID: 890-3962-2

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U F2 F1	0.00202		mg/Kg		02/06/23 10:09	02/07/23 01:28	1
Toluene	<0.00202	U F2 F1	0.00202		mg/Kg		02/06/23 10:09	02/07/23 01:28	1
Ethylbenzene	<0.00202	U F2 F1	0.00202		mg/Kg		02/06/23 10:09	02/07/23 01:28	1
m-Xylene & p-Xylene	<0.00404	U F1	0.00404		mg/Kg		02/06/23 10:09	02/07/23 01:28	1
o-Xylene	<0.00202	U F1	0.00202		mg/Kg		02/06/23 10:09	02/07/23 01:28	1
Xylenes, Total	<0.00404	U F1	0.00404		mg/Kg		02/06/23 10:09	02/07/23 01:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	02/06/23 10:09	02/07/23 01:28	1
1,4-Difluorobenzene (Surr)	102		70 - 130	02/06/23 10:09	02/07/23 01:28	1

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Client Sample Results

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Client Sample ID: TP-1 (2)

Lab Sample ID: 890-3962-2

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			02/07/23 09:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	197		50.0		mg/Kg			02/08/23 08:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/06/23 16:27	02/07/23 12:06	1
Diesel Range Organics (Over C10-C28)	134		50.0		mg/Kg		02/06/23 16:27	02/07/23 12:06	1
Oil Range Organics (Over C28-C36)	63.3		50.0		mg/Kg		02/06/23 16:27	02/07/23 12:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				02/06/23 16:27	02/07/23 12:06	1
o-Terphenyl	87		70 - 130				02/06/23 16:27	02/07/23 12:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	298		4.96		mg/Kg			01/31/23 16:55	1

Client Sample ID: TP-1 (3)

Lab Sample ID: 890-3962-3

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:09	02/07/23 01:48	1
Toluene	0.00336		0.00199		mg/Kg		02/06/23 10:09	02/07/23 01:48	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:09	02/07/23 01:48	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/06/23 10:09	02/07/23 01:48	1
o-Xylene	0.00203		0.00199		mg/Kg		02/06/23 10:09	02/07/23 01:48	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/06/23 10:09	02/07/23 01:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130				02/06/23 10:09	02/07/23 01:48	1
1,4-Difluorobenzene (Surr)	105		70 - 130				02/06/23 10:09	02/07/23 01:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00539		0.00398		mg/Kg			02/07/23 09:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	59.2		49.9		mg/Kg			02/08/23 08:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/06/23 16:27	02/07/23 12:27	1

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Client Sample Results

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Client Sample ID: TP-1 (3)

Lab Sample ID: 890-3962-3

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	59.2		49.9		mg/Kg		02/06/23 16:27	02/07/23 12:27	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/06/23 16:27	02/07/23 12:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				02/06/23 16:27	02/07/23 12:27	1
o-Terphenyl	85		70 - 130				02/06/23 16:27	02/07/23 12:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	134		4.98		mg/Kg			01/31/23 17:01	1

Client Sample ID: TP-1 (4)

Lab Sample ID: 890-3962-4

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:09	02/07/23 02:09	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:09	02/07/23 02:09	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:09	02/07/23 02:09	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/06/23 10:09	02/07/23 02:09	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:09	02/07/23 02:09	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/06/23 10:09	02/07/23 02:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130				02/06/23 10:09	02/07/23 02:09	1
1,4-Difluorobenzene (Surr)	99		70 - 130				02/06/23 10:09	02/07/23 02:09	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/07/23 09:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/08/23 08:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/06/23 16:27	02/07/23 12:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/06/23 16:27	02/07/23 12:48	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/06/23 16:27	02/07/23 12:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				02/06/23 16:27	02/07/23 12:48	1
o-Terphenyl	88		70 - 130				02/06/23 16:27	02/07/23 12:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	225		25.0		mg/Kg			01/31/23 17:19	5

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Client Sample Results

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Client Sample ID: TP-1 (5)

Lab Sample ID: 890-3962-5

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:09	02/07/23 02:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:09	02/07/23 02:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:09	02/07/23 02:29	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/06/23 10:09	02/07/23 02:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:09	02/07/23 02:29	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/06/23 10:09	02/07/23 02:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	02/06/23 10:09	02/07/23 02:29	1
1,4-Difluorobenzene (Surr)	109		70 - 130	02/06/23 10:09	02/07/23 02:29	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/07/23 09:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/08/23 08:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/06/23 16:27	02/07/23 13:09	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/06/23 16:27	02/07/23 13:09	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/06/23 16:27	02/07/23 13:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130	02/06/23 16:27	02/07/23 13:09	1
o-Terphenyl	99		70 - 130	02/06/23 16:27	02/07/23 13:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	174		24.9		mg/Kg			01/31/23 17:26	5

Client Sample ID: TP-1 (6)

Lab Sample ID: 890-3962-6

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:09	02/07/23 02:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:09	02/07/23 02:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:09	02/07/23 02:49	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/06/23 10:09	02/07/23 02:49	1
o-Xylene	0.00289		0.00200		mg/Kg		02/06/23 10:09	02/07/23 02:49	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/06/23 10:09	02/07/23 02:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	02/06/23 10:09	02/07/23 02:49	1
1,4-Difluorobenzene (Surr)	105		70 - 130	02/06/23 10:09	02/07/23 02:49	1

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Client Sample Results

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Client Sample ID: TP-1 (6)

Lab Sample ID: 890-3962-6

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/07/23 09:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/08/23 08:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/06/23 16:27	02/07/23 13:30	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/06/23 16:27	02/07/23 13:30	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/06/23 16:27	02/07/23 13:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				02/06/23 16:27	02/07/23 13:30	1
o-Terphenyl	85		70 - 130				02/06/23 16:27	02/07/23 13:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	145		5.04		mg/Kg			01/31/23 18:18	1

Client Sample ID: TP-1 (7)

Lab Sample ID: 890-3962-7

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/06/23 10:09	02/07/23 03:10	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/06/23 10:09	02/07/23 03:10	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/06/23 10:09	02/07/23 03:10	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/06/23 10:09	02/07/23 03:10	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/06/23 10:09	02/07/23 03:10	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/06/23 10:09	02/07/23 03:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				02/06/23 10:09	02/07/23 03:10	1
1,4-Difluorobenzene (Surr)	103		70 - 130				02/06/23 10:09	02/07/23 03:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			02/07/23 09:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/08/23 08:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/06/23 16:27	02/07/23 13:52	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/06/23 16:27	02/07/23 13:52	1

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Client Sample Results

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Client Sample ID: TP-1 (7)

Lab Sample ID: 890-3962-7

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/06/23 16:27	02/07/23 13:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				02/06/23 16:27	02/07/23 13:52	1
o-Terphenyl	83		70 - 130				02/06/23 16:27	02/07/23 13:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	131		4.99		mg/Kg			01/31/23 18:24	1

Client Sample ID: TP-1 (8)

Lab Sample ID: 890-3962-8

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:09	02/07/23 03:30	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:09	02/07/23 03:30	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:09	02/07/23 03:30	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/06/23 10:09	02/07/23 03:30	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:09	02/07/23 03:30	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/06/23 10:09	02/07/23 03:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				02/06/23 10:09	02/07/23 03:30	1
1,4-Difluorobenzene (Surr)	104		70 - 130				02/06/23 10:09	02/07/23 03:30	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/07/23 09:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	60.1		50.0		mg/Kg			02/08/23 08:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/06/23 16:27	02/07/23 14:13	1
Diesel Range Organics (Over C10-C28)	60.1		50.0		mg/Kg		02/06/23 16:27	02/07/23 14:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/06/23 16:27	02/07/23 14:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				02/06/23 16:27	02/07/23 14:13	1
o-Terphenyl	83		70 - 130				02/06/23 16:27	02/07/23 14:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	96.8		4.95		mg/Kg			01/31/23 18:30	1

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Client Sample Results

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Client Sample ID: TP-1 (9)

Lab Sample ID: 890-3962-9

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:09	02/07/23 03:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:09	02/07/23 03:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:09	02/07/23 03:51	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/06/23 10:09	02/07/23 03:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:09	02/07/23 03:51	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/06/23 10:09	02/07/23 03:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	02/06/23 10:09	02/07/23 03:51	1
1,4-Difluorobenzene (Surr)	110		70 - 130	02/06/23 10:09	02/07/23 03:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/07/23 09:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/08/23 08:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/06/23 16:27	02/07/23 14:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/06/23 16:27	02/07/23 14:34	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/06/23 16:27	02/07/23 14:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130	02/06/23 16:27	02/07/23 14:34	1
o-Terphenyl	87		70 - 130	02/06/23 16:27	02/07/23 14:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	132		5.05		mg/Kg			01/31/23 18:37	1

Client Sample ID: TP-1 (10)

Lab Sample ID: 890-3962-10

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:09	02/07/23 06:21	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:09	02/07/23 06:21	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:09	02/07/23 06:21	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/06/23 10:09	02/07/23 06:21	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:09	02/07/23 06:21	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/06/23 10:09	02/07/23 06:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	02/06/23 10:09	02/07/23 06:21	1
1,4-Difluorobenzene (Surr)	110		70 - 130	02/06/23 10:09	02/07/23 06:21	1

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Client Sample Results

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Client Sample ID: TP-1 (10)

Lab Sample ID: 890-3962-10

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/07/23 09:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/08/23 08:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/06/23 16:27	02/07/23 14:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/06/23 16:27	02/07/23 14:55	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/06/23 16:27	02/07/23 14:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				02/06/23 16:27	02/07/23 14:55	1
o-Terphenyl	95		70 - 130				02/06/23 16:27	02/07/23 14:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	163		4.97		mg/Kg			01/31/23 18:43	1

Client Sample ID: TP-2 (1)

Lab Sample ID: 890-3962-11

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0464		0.0398		mg/Kg		02/06/23 10:09	02/07/23 04:31	20
Toluene	13.0		0.198		mg/Kg		02/07/23 12:47	02/08/23 08:24	100
Ethylbenzene	6.42		0.0398		mg/Kg		02/06/23 10:09	02/07/23 04:31	20
m-Xylene & p-Xylene	29.3		0.396		mg/Kg		02/07/23 12:47	02/08/23 08:24	100
o-Xylene	10.2		0.198		mg/Kg		02/07/23 12:47	02/08/23 08:24	100
Xylenes, Total	39.5		0.396		mg/Kg		02/07/23 12:47	02/08/23 08:24	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	138	S1+	70 - 130				02/06/23 10:09	02/07/23 04:31	20
1,4-Difluorobenzene (Surr)	80		70 - 130				02/06/23 10:09	02/07/23 04:31	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	59.0		0.396		mg/Kg			02/07/23 09:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1780		50.0		mg/Kg			02/08/23 08:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	417		50.0		mg/Kg		02/06/23 16:27	02/07/23 15:37	1
Diesel Range Organics (Over C10-C28)	1140		50.0		mg/Kg		02/06/23 16:27	02/07/23 15:37	1

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Client Sample Results

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Client Sample ID: TP-2 (1)

Lab Sample ID: 890-3962-11

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	224		50.0		mg/Kg		02/06/23 16:27	02/07/23 15:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				02/06/23 16:27	02/07/23 15:37	1
o-Terphenyl	86		70 - 130				02/06/23 16:27	02/07/23 15:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.15		4.95		mg/Kg			01/31/23 18:49	1

Client Sample ID: TP-2 (2)

Lab Sample ID: 890-3962-12

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:09	02/07/23 06:42	1
Toluene	0.0537		0.00200		mg/Kg		02/06/23 10:09	02/07/23 06:42	1
Ethylbenzene	0.181		0.00200		mg/Kg		02/06/23 10:09	02/07/23 06:42	1
m-Xylene & p-Xylene	0.717		0.00399		mg/Kg		02/06/23 10:09	02/07/23 06:42	1
o-Xylene	0.310		0.00200		mg/Kg		02/06/23 10:09	02/07/23 06:42	1
Xylenes, Total	1.03		0.00399		mg/Kg		02/06/23 10:09	02/07/23 06:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				02/06/23 10:09	02/07/23 06:42	1
1,4-Difluorobenzene (Surr)	95		70 - 130				02/06/23 10:09	02/07/23 06:42	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.26		0.00399		mg/Kg			02/07/23 09:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	959		50.0		mg/Kg			02/08/23 08:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	188		50.0		mg/Kg		02/06/23 16:27	02/07/23 16:19	1
Diesel Range Organics (Over C10-C28)	646		50.0		mg/Kg		02/06/23 16:27	02/07/23 16:19	1
Oil Range Organics (Over C28-C36)	125		50.0		mg/Kg		02/06/23 16:27	02/07/23 16:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				02/06/23 16:27	02/07/23 16:19	1
o-Terphenyl	84		70 - 130				02/06/23 16:27	02/07/23 16:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.22		5.00		mg/Kg			01/31/23 18:55	1

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Client Sample Results

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Client Sample ID: TP-2 (3)

Lab Sample ID: 890-3962-13

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/06/23 10:09	02/07/23 07:02	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/06/23 10:09	02/07/23 07:02	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/06/23 10:09	02/07/23 07:02	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/06/23 10:09	02/07/23 07:02	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/06/23 10:09	02/07/23 07:02	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/06/23 10:09	02/07/23 07:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	02/06/23 10:09	02/07/23 07:02	1
1,4-Difluorobenzene (Surr)	116		70 - 130	02/06/23 10:09	02/07/23 07:02	1

Method: TAL SOP 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			02/07/23 09:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	74.4		49.9		mg/Kg			02/08/23 08:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/06/23 16:27	02/07/23 16:40	1
Diesel Range Organics (Over C10-C28)	74.4		49.9		mg/Kg		02/06/23 16:27	02/07/23 16:40	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/06/23 16:27	02/07/23 16:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130	02/06/23 16:27	02/07/23 16:40	1
o-Terphenyl	95		70 - 130	02/06/23 16:27	02/07/23 16:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.0		4.98		mg/Kg			01/31/23 11:47	1

Client Sample ID: TP-2 (4)

Lab Sample ID: 890-3962-14

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:09	02/07/23 07:23	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:09	02/07/23 07:23	1
Ethylbenzene	0.00352		0.00199		mg/Kg		02/06/23 10:09	02/07/23 07:23	1
m-Xylene & p-Xylene	0.0217		0.00398		mg/Kg		02/06/23 10:09	02/07/23 07:23	1
o-Xylene	0.0110		0.00199		mg/Kg		02/06/23 10:09	02/07/23 07:23	1
Xylenes, Total	0.0327		0.00398		mg/Kg		02/06/23 10:09	02/07/23 07:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	02/06/23 10:09	02/07/23 07:23	1
1,4-Difluorobenzene (Surr)	98		70 - 130	02/06/23 10:09	02/07/23 07:23	1

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Client Sample Results

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Client Sample ID: TP-2 (4)

Lab Sample ID: 890-3962-14

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0362		0.00398		mg/Kg			02/07/23 09:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	390		49.9		mg/Kg			02/08/23 08:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/06/23 16:27	02/07/23 17:02	1
Diesel Range Organics (Over C10-C28)	320		49.9		mg/Kg		02/06/23 16:27	02/07/23 17:02	1
Oil Range Organics (Over C28-C36)	69.5		49.9		mg/Kg		02/06/23 16:27	02/07/23 17:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				02/06/23 16:27	02/07/23 17:02	1
o-Terphenyl	100		70 - 130				02/06/23 16:27	02/07/23 17:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.0		5.00		mg/Kg			01/31/23 12:06	1

Client Sample ID: TP-2 (5)

Lab Sample ID: 890-3962-15

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:09	02/07/23 07:43	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:09	02/07/23 07:43	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:09	02/07/23 07:43	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/06/23 10:09	02/07/23 07:43	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:09	02/07/23 07:43	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/06/23 10:09	02/07/23 07:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				02/06/23 10:09	02/07/23 07:43	1
1,4-Difluorobenzene (Surr)	113		70 - 130				02/06/23 10:09	02/07/23 07:43	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/07/23 09:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/08/23 08:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/06/23 16:27	02/07/23 17:22	1

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Client Sample Results

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Client Sample ID: TP-2 (5)

Lab Sample ID: 890-3962-15

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/06/23 16:27	02/07/23 17:22	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/06/23 16:27	02/07/23 17:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				02/06/23 16:27	02/07/23 17:22	1
o-Terphenyl	86		70 - 130				02/06/23 16:27	02/07/23 17:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	47.0		4.99		mg/Kg			01/31/23 12:12	1

Client Sample ID: TP-2 (6)

Lab Sample ID: 890-3962-16

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:09	02/07/23 08:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:09	02/07/23 08:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:09	02/07/23 08:04	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/06/23 10:09	02/07/23 08:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:09	02/07/23 08:04	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/06/23 10:09	02/07/23 08:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				02/06/23 10:09	02/07/23 08:04	1
1,4-Difluorobenzene (Surr)	113		70 - 130				02/06/23 10:09	02/07/23 08:04	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/07/23 09:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/08/23 08:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/06/23 16:27	02/07/23 17:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/06/23 16:27	02/07/23 17:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/06/23 16:27	02/07/23 17:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				02/06/23 16:27	02/07/23 17:44	1
o-Terphenyl	87		70 - 130				02/06/23 16:27	02/07/23 17:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	90.3		4.95		mg/Kg			01/31/23 12:18	1

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Client Sample Results

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Client Sample ID: TP-2 (7)

Lab Sample ID: 890-3962-17

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:09	02/07/23 08:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:09	02/07/23 08:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:09	02/07/23 08:24	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/06/23 10:09	02/07/23 08:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:09	02/07/23 08:24	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/06/23 10:09	02/07/23 08:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	02/06/23 10:09	02/07/23 08:24	1
1,4-Difluorobenzene (Surr)	109		70 - 130	02/06/23 10:09	02/07/23 08:24	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/07/23 09:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/08/23 08:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/06/23 16:27	02/07/23 18:04	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/06/23 16:27	02/07/23 18:04	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/06/23 16:27	02/07/23 18:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130	02/06/23 16:27	02/07/23 18:04	1
o-Terphenyl	86		70 - 130	02/06/23 16:27	02/07/23 18:04	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	137		5.00		mg/Kg			01/31/23 12:24	1

Client Sample ID: TP-2 (8)

Lab Sample ID: 890-3962-18

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:09	02/07/23 08:45	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:09	02/07/23 08:45	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:09	02/07/23 08:45	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/06/23 10:09	02/07/23 08:45	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:09	02/07/23 08:45	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/06/23 10:09	02/07/23 08:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	02/06/23 10:09	02/07/23 08:45	1
1,4-Difluorobenzene (Surr)	105		70 - 130	02/06/23 10:09	02/07/23 08:45	1

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Client Sample Results

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Client Sample ID: TP-2 (8)

Lab Sample ID: 890-3962-18

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/07/23 09:22	1

Method: SW846 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			02/08/23 08:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		02/06/23 16:27	02/07/23 18:26	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/06/23 16:27	02/07/23 18:26	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/06/23 16:27	02/07/23 18:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				02/06/23 16:27	02/07/23 18:26	1
o-Terphenyl	86		70 - 130				02/06/23 16:27	02/07/23 18:26	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	140		4.97		mg/Kg			01/31/23 12:43	1

Client Sample ID: TP-2 (9)

Lab Sample ID: 890-3962-19

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:09	02/07/23 09:05	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:09	02/07/23 09:05	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:09	02/07/23 09:05	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/06/23 10:09	02/07/23 09:05	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:09	02/07/23 09:05	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/06/23 10:09	02/07/23 09:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				02/06/23 10:09	02/07/23 09:05	1
1,4-Difluorobenzene (Surr)	103		70 - 130				02/06/23 10:09	02/07/23 09:05	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/09/23 10:10	1

Method: SW846 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			02/08/23 08:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		02/06/23 16:27	02/07/23 18:49	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/06/23 16:27	02/07/23 18:49	1

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Client Sample Results

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Client Sample ID: TP-2 (9)

Lab Sample ID: 890-3962-19

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/06/23 16:27	02/07/23 18:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				02/06/23 16:27	02/07/23 18:49	1
o-Terphenyl	85		70 - 130				02/06/23 16:27	02/07/23 18:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	141		4.99		mg/Kg			01/31/23 12:49	1

Client Sample ID: TP-2 (10)

Lab Sample ID: 890-3962-20

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:09	02/07/23 09:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:09	02/07/23 09:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:09	02/07/23 09:25	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/06/23 10:09	02/07/23 09:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:09	02/07/23 09:25	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/06/23 10:09	02/07/23 09:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				02/06/23 10:09	02/07/23 09:25	1
1,4-Difluorobenzene (Surr)	108		70 - 130				02/06/23 10:09	02/07/23 09:25	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/09/23 10:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/08/23 08:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/06/23 16:27	02/07/23 19:10	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/06/23 16:27	02/07/23 19:10	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/06/23 16:27	02/07/23 19:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				02/06/23 16:27	02/07/23 19:10	1
o-Terphenyl	84		70 - 130				02/06/23 16:27	02/07/23 19:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	116		5.02		mg/Kg			01/31/23 12:55	1

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Client Sample Results

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Client Sample ID: TP-3 (1)

Lab Sample ID: 890-3962-21

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.141		0.0503		mg/Kg		02/06/23 10:35	02/07/23 17:56	25
Toluene	0.613		0.0503		mg/Kg		02/06/23 10:35	02/07/23 17:56	25
Ethylbenzene	1.03		0.0503		mg/Kg		02/06/23 10:35	02/07/23 17:56	25
m-Xylene & p-Xylene	5.39		0.101		mg/Kg		02/06/23 10:35	02/07/23 17:56	25
o-Xylene	2.05		0.0503		mg/Kg		02/06/23 10:35	02/07/23 17:56	25
Xylenes, Total	7.44		0.101		mg/Kg		02/06/23 10:35	02/07/23 17:56	25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130	02/06/23 10:35	02/07/23 17:56	25
1,4-Difluorobenzene (Surr)	107		70 - 130	02/06/23 10:35	02/07/23 17:56	25

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	9.22		0.101		mg/Kg			02/08/23 11:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	237		49.9		mg/Kg			02/08/23 09:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	74.7		49.9		mg/Kg		02/06/23 16:31	02/07/23 20:42	1
Diesel Range Organics (Over C10-C28)	162		49.9		mg/Kg		02/06/23 16:31	02/07/23 20:42	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/06/23 16:31	02/07/23 20:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130	02/06/23 16:31	02/07/23 20:42	1
o-Terphenyl	115		70 - 130	02/06/23 16:31	02/07/23 20:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	29.7		4.95		mg/Kg			01/31/23 13:01	1

Client Sample ID: TP-3 (2)

Lab Sample ID: 890-3962-22

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0502	U	0.0502		mg/Kg		02/06/23 10:35	02/07/23 18:16	25
Toluene	15.3		0.402		mg/Kg		02/08/23 13:14	02/08/23 18:25	200
Ethylbenzene	8.99		0.0502		mg/Kg		02/06/23 10:35	02/07/23 18:16	25
m-Xylene & p-Xylene	26.8		0.803		mg/Kg		02/08/23 13:14	02/08/23 18:25	200
o-Xylene	8.27		0.0502		mg/Kg		02/06/23 10:35	02/07/23 18:16	25
Xylenes, Total	36.4		0.803		mg/Kg		02/08/23 13:14	02/08/23 18:25	200

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	224	S1+	70 - 130	02/06/23 10:35	02/07/23 18:16	25
1,4-Difluorobenzene (Surr)	112		70 - 130	02/06/23 10:35	02/07/23 18:16	25

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Client Sample Results

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Client Sample ID: TP-3 (2)

Lab Sample ID: 890-3962-22

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	59.4		0.803		mg/Kg			02/08/23 11:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1450		50.0		mg/Kg			02/08/23 09:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	723		50.0		mg/Kg		02/06/23 16:31	02/07/23 21:49	1
Diesel Range Organics (Over C10-C28)	722		50.0		mg/Kg		02/06/23 16:31	02/07/23 21:49	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/06/23 16:31	02/07/23 21:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130				02/06/23 16:31	02/07/23 21:49	1
o-Terphenyl	110		70 - 130				02/06/23 16:31	02/07/23 21:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.8		5.01		mg/Kg			01/31/23 13:07	1

Client Sample ID: TP-3 (3)

Lab Sample ID: 890-3962-23

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Method: SW846 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		02/06/23 10:35	02/07/23 15:09	1
Toluene	0.0818	F1	0.00199		mg/Kg		02/06/23 10:35	02/07/23 15:09	1
Ethylbenzene	0.235	F1	0.00199		mg/Kg		02/06/23 10:35	02/07/23 15:09	1
m-Xylene & p-Xylene	0.675	F2 F1	0.00398		mg/Kg		02/06/23 10:35	02/07/23 15:09	1
o-Xylene	0.282	F2 F1	0.00199		mg/Kg		02/06/23 10:35	02/07/23 15:09	1
Xylenes, Total	0.957	F2 F1	0.00398		mg/Kg		02/06/23 10:35	02/07/23 15:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	142	S1+	70 - 130				02/06/23 10:35	02/07/23 15:09	1
1,4-Difluorobenzene (Surr)	94		70 - 130				02/06/23 10:35	02/07/23 15:09	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.27		0.00398		mg/Kg			02/07/23 16:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	355		50.0		mg/Kg			02/08/23 09:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	88.9		50.0		mg/Kg		02/06/23 16:31	02/07/23 22:11	1
Diesel Range Organics (Over C10-C28)	266		50.0		mg/Kg		02/06/23 16:31	02/07/23 22:11	1

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Client Sample Results

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Client Sample ID: TP-3 (3)

Lab Sample ID: 890-3962-23

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/06/23 16:31	02/07/23 22:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				02/06/23 16:31	02/07/23 22:11	1
o-Terphenyl	111		70 - 130				02/06/23 16:31	02/07/23 22:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22.6		4.97		mg/Kg			01/31/23 13:14	1

Client Sample ID: TP-3 (4)

Lab Sample ID: 890-3962-24

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:35	02/07/23 15:30	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:35	02/07/23 15:30	1
Ethylbenzene	0.00217		0.00199		mg/Kg		02/06/23 10:35	02/07/23 15:30	1
m-Xylene & p-Xylene	0.0107		0.00398		mg/Kg		02/06/23 10:35	02/07/23 15:30	1
o-Xylene	0.00419		0.00199		mg/Kg		02/06/23 10:35	02/07/23 15:30	1
Xylenes, Total	0.0149		0.00398		mg/Kg		02/06/23 10:35	02/07/23 15:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	129		70 - 130				02/06/23 10:35	02/07/23 15:30	1
1,4-Difluorobenzene (Surr)	96		70 - 130				02/06/23 10:35	02/07/23 15:30	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0171		0.00398		mg/Kg			02/07/23 16:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/08/23 09:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/06/23 16:31	02/07/23 22:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/06/23 16:31	02/07/23 22:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/06/23 16:31	02/07/23 22:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				02/06/23 16:31	02/07/23 22:32	1
o-Terphenyl	111		70 - 130				02/06/23 16:31	02/07/23 22:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	44.0		5.00		mg/Kg			01/31/23 13:32	1

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Client Sample Results

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Client Sample ID: TP-3 (5)

Lab Sample ID: 890-3962-25

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:35	02/07/23 15:51	1
Toluene	0.00588		0.00199		mg/Kg		02/06/23 10:35	02/07/23 15:51	1
Ethylbenzene	0.0102		0.00199		mg/Kg		02/06/23 10:35	02/07/23 15:51	1
m-Xylene & p-Xylene	0.0884		0.00398		mg/Kg		02/06/23 10:35	02/07/23 15:51	1
o-Xylene	0.0465		0.00199		mg/Kg		02/06/23 10:35	02/07/23 15:51	1
Xylenes, Total	0.135		0.00398		mg/Kg		02/06/23 10:35	02/07/23 15:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	02/06/23 10:35	02/07/23 15:51	1
1,4-Difluorobenzene (Surr)	87		70 - 130	02/06/23 10:35	02/07/23 15:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.151		0.00398		mg/Kg			02/07/23 16:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	92.3		50.0		mg/Kg			02/08/23 09:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/06/23 16:31	02/07/23 22:55	1
Diesel Range Organics (Over C10-C28)	92.3		50.0		mg/Kg		02/06/23 16:31	02/07/23 22:55	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/06/23 16:31	02/07/23 22:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130	02/06/23 16:31	02/07/23 22:55	1
o-Terphenyl	94		70 - 130	02/06/23 16:31	02/07/23 22:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	56.9		4.99		mg/Kg			01/31/23 13:39	1

Client Sample ID: TP-3 (6)

Lab Sample ID: 890-3962-26

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:35	02/07/23 16:12	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:35	02/07/23 16:12	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:35	02/07/23 16:12	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/06/23 10:35	02/07/23 16:12	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:35	02/07/23 16:12	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/06/23 10:35	02/07/23 16:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	02/06/23 10:35	02/07/23 16:12	1
1,4-Difluorobenzene (Surr)	88		70 - 130	02/06/23 10:35	02/07/23 16:12	1

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Client Sample Results

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Client Sample ID: TP-3 (6)

Lab Sample ID: 890-3962-26

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/07/23 16:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/08/23 09:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/06/23 16:31	02/07/23 23:17	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/06/23 16:31	02/07/23 23:17	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/06/23 16:31	02/07/23 23:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				02/06/23 16:31	02/07/23 23:17	1
o-Terphenyl	95		70 - 130				02/06/23 16:31	02/07/23 23:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	130		4.95		mg/Kg			01/31/23 13:57	1

Client Sample ID: TP-3 (7)

Lab Sample ID: 890-3962-27

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:35	02/07/23 16:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:35	02/07/23 16:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:35	02/07/23 16:32	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/06/23 10:35	02/07/23 16:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:35	02/07/23 16:32	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/06/23 10:35	02/07/23 16:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				02/06/23 10:35	02/07/23 16:32	1
1,4-Difluorobenzene (Surr)	75		70 - 130				02/06/23 10:35	02/07/23 16:32	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/07/23 16:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/08/23 09:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/06/23 16:31	02/07/23 23:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/06/23 16:31	02/07/23 23:39	1

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Client Sample Results

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Client Sample ID: TP-3 (7)

Lab Sample ID: 890-3962-27

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/06/23 16:31	02/07/23 23:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				02/06/23 16:31	02/07/23 23:39	1
o-Terphenyl	108		70 - 130				02/06/23 16:31	02/07/23 23:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	121		4.95		mg/Kg			01/31/23 14:03	1

Client Sample ID: TP-3 (8)

Lab Sample ID: 890-3962-28

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:35	02/07/23 16:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:35	02/07/23 16:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:35	02/07/23 16:53	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/06/23 10:35	02/07/23 16:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:35	02/07/23 16:53	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/06/23 10:35	02/07/23 16:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130				02/06/23 10:35	02/07/23 16:53	1
1,4-Difluorobenzene (Surr)	68	S1-	70 - 130				02/06/23 10:35	02/07/23 16:53	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/08/23 11:09	1

Method: SW846 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			02/08/23 09:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		02/06/23 16:31	02/08/23 00:01	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/06/23 16:31	02/08/23 00:01	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/06/23 16:31	02/08/23 00:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				02/06/23 16:31	02/08/23 00:01	1
o-Terphenyl	92		70 - 130				02/06/23 16:31	02/08/23 00:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97.8		4.97		mg/Kg			01/31/23 14:09	1

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Client Sample Results

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Client Sample ID: TP-3 (9)

Lab Sample ID: 890-3962-29

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:35	02/07/23 17:14	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:35	02/07/23 17:14	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:35	02/07/23 17:14	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/06/23 10:35	02/07/23 17:14	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:35	02/07/23 17:14	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/06/23 10:35	02/07/23 17:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	78		70 - 130	02/06/23 10:35	02/07/23 17:14	1
1,4-Difluorobenzene (Surr)	66	S1-	70 - 130	02/06/23 10:35	02/07/23 17:14	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/08/23 11:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/08/23 09:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/06/23 16:31	02/08/23 00:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/06/23 16:31	02/08/23 00:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/06/23 16:31	02/08/23 00:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130	02/06/23 16:31	02/08/23 00:23	1
o-Terphenyl	94		70 - 130	02/06/23 16:31	02/08/23 00:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	91.7		4.98		mg/Kg			01/31/23 12:46	1

Client Sample ID: TP-3 (10)

Lab Sample ID: 890-3962-30

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:35	02/07/23 17:35	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:35	02/07/23 17:35	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:35	02/07/23 17:35	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/06/23 10:35	02/07/23 17:35	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:35	02/07/23 17:35	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/06/23 10:35	02/07/23 17:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	02/06/23 10:35	02/07/23 17:35	1
1,4-Difluorobenzene (Surr)	84		70 - 130	02/06/23 10:35	02/07/23 17:35	1

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Client Sample Results

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Client Sample ID: TP-3 (10)

Lab Sample ID: 890-3962-30

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/08/23 11:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/08/23 09:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/06/23 16:31	02/08/23 00:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/06/23 16:31	02/08/23 00:46	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/06/23 16:31	02/08/23 00:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				02/06/23 16:31	02/08/23 00:46	1
o-Terphenyl	105		70 - 130				02/06/23 16:31	02/08/23 00:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	84.1		4.95		mg/Kg			01/31/23 12:51	1

Client Sample ID: TP-4 (1)

Lab Sample ID: 890-3962-31

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.200	U	0.200		mg/Kg		02/08/23 08:59	02/08/23 14:38	100
Toluene	32.8		0.200		mg/Kg		02/08/23 08:59	02/08/23 14:38	100
Ethylbenzene	17.2		0.200		mg/Kg		02/08/23 08:59	02/08/23 14:38	100
m-Xylene & p-Xylene	52.6		0.399		mg/Kg		02/08/23 08:59	02/08/23 14:38	100
o-Xylene	18.9		0.200		mg/Kg		02/08/23 08:59	02/08/23 14:38	100
Xylenes, Total	71.5		0.399		mg/Kg		02/08/23 08:59	02/08/23 14:38	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	217	S1+	70 - 130				02/08/23 08:59	02/08/23 14:38	100
1,4-Difluorobenzene (Surr)	101		70 - 130				02/08/23 08:59	02/08/23 14:38	100

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	122		0.399		mg/Kg			02/08/23 16:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1280		50.0		mg/Kg			02/08/23 09:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	449		50.0		mg/Kg		02/06/23 16:31	02/08/23 01:31	1
Diesel Range Organics (Over C10-C28)	830		50.0		mg/Kg		02/06/23 16:31	02/08/23 01:31	1

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Client Sample Results

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Client Sample ID: TP-4 (1)

Lab Sample ID: 890-3962-31

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/06/23 16:31	02/08/23 01:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				02/06/23 16:31	02/08/23 01:31	1
o-Terphenyl	98		70 - 130				02/06/23 16:31	02/08/23 01:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	34.8		5.00		mg/Kg			01/31/23 12:55	1

Client Sample ID: TP-4 (2)

Lab Sample ID: 890-3962-32

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/08/23 08:59	02/08/23 11:54	1
Toluene	0.0839		0.00201		mg/Kg		02/08/23 08:59	02/08/23 11:54	1
Ethylbenzene	0.144		0.00201		mg/Kg		02/08/23 08:59	02/08/23 11:54	1
m-Xylene & p-Xylene	0.463		0.00402		mg/Kg		02/08/23 08:59	02/08/23 11:54	1
o-Xylene	0.200		0.00201		mg/Kg		02/08/23 08:59	02/08/23 11:54	1
Xylenes, Total	0.663		0.00402		mg/Kg		02/08/23 08:59	02/08/23 11:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	156	S1+	70 - 130				02/08/23 08:59	02/08/23 11:54	1
1,4-Difluorobenzene (Surr)	87		70 - 130				02/08/23 08:59	02/08/23 11:54	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.891		0.00402		mg/Kg			02/08/23 16:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2990		49.9		mg/Kg			02/08/23 09:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	403		49.9		mg/Kg		02/06/23 16:31	02/08/23 01:52	1
Diesel Range Organics (Over C10-C28)	2590		49.9		mg/Kg		02/06/23 16:31	02/08/23 01:52	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/06/23 16:31	02/08/23 01:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				02/06/23 16:31	02/08/23 01:52	1
o-Terphenyl	96		70 - 130				02/06/23 16:31	02/08/23 01:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	45.1		4.99		mg/Kg			01/31/23 13:00	1

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Client Sample Results

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Client Sample ID: TP-4 (3)

Lab Sample ID: 890-3962-33

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.199	U	0.199		mg/Kg		02/08/23 08:59	02/08/23 14:59	100
Toluene	22.4		0.199		mg/Kg		02/08/23 08:59	02/08/23 14:59	100
Ethylbenzene	14.7		0.199		mg/Kg		02/08/23 08:59	02/08/23 14:59	100
m-Xylene & p-Xylene	42.7		0.398		mg/Kg		02/08/23 08:59	02/08/23 14:59	100
o-Xylene	15.2		0.199		mg/Kg		02/08/23 08:59	02/08/23 14:59	100
Xylenes, Total	57.9		0.398		mg/Kg		02/08/23 08:59	02/08/23 14:59	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	215	S1+	70 - 130	02/08/23 08:59	02/08/23 14:59	100
1,4-Difluorobenzene (Surr)	97		70 - 130	02/08/23 08:59	02/08/23 14:59	100

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	95.0		0.398		mg/Kg			02/08/23 16:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	4280		49.9		mg/Kg			02/08/23 09:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	1890		49.9		mg/Kg		02/06/23 16:31	02/08/23 02:15	1
Diesel Range Organics (Over C10-C28)	2390		49.9		mg/Kg		02/06/23 16:31	02/08/23 02:15	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/06/23 16:31	02/08/23 02:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	140	S1+	70 - 130	02/06/23 16:31	02/08/23 02:15	1
o-Terphenyl	109		70 - 130	02/06/23 16:31	02/08/23 02:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.0		5.01		mg/Kg			01/31/23 13:05	1

Client Sample ID: TP-4 (4)

Lab Sample ID: 890-3962-34

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/08/23 08:59	02/08/23 12:15	1
Toluene	0.286		0.00200		mg/Kg		02/08/23 08:59	02/08/23 12:15	1
Ethylbenzene	0.360		0.00200		mg/Kg		02/08/23 08:59	02/08/23 12:15	1
m-Xylene & p-Xylene	8.22		0.200		mg/Kg		02/08/23 13:14	02/08/23 18:04	50
o-Xylene	3.25		0.0998		mg/Kg		02/08/23 13:14	02/08/23 18:04	50
Xylenes, Total	11.5		0.200		mg/Kg		02/08/23 13:14	02/08/23 18:04	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	245	S1+	70 - 130	02/08/23 08:59	02/08/23 12:15	1
1,4-Difluorobenzene (Surr)	96		70 - 130	02/08/23 08:59	02/08/23 12:15	1

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Client Sample Results

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Client Sample ID: TP-4 (4)

Lab Sample ID: 890-3962-34

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	12.1		0.200		mg/Kg			02/08/23 16:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1920		50.0		mg/Kg			02/08/23 09:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	682		50.0		mg/Kg		02/06/23 16:31	02/08/23 02:36	1
Diesel Range Organics (Over C10-C28)	1240		50.0		mg/Kg		02/06/23 16:31	02/08/23 02:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/06/23 16:31	02/08/23 02:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				02/06/23 16:31	02/08/23 02:36	1
o-Terphenyl	92		70 - 130				02/06/23 16:31	02/08/23 02:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.8		4.97		mg/Kg			01/31/23 13:10	1

Client Sample ID: TP-4 (5)

Lab Sample ID: 890-3962-35

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/08/23 08:59	02/08/23 12:35	1
Toluene	0.00516		0.00198		mg/Kg		02/08/23 08:59	02/08/23 12:35	1
Ethylbenzene	0.00446		0.00198		mg/Kg		02/08/23 08:59	02/08/23 12:35	1
m-Xylene & p-Xylene	0.0148		0.00396		mg/Kg		02/08/23 08:59	02/08/23 12:35	1
o-Xylene	0.0144		0.00198		mg/Kg		02/08/23 08:59	02/08/23 12:35	1
Xylenes, Total	0.0292		0.00396		mg/Kg		02/08/23 08:59	02/08/23 12:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	150	S1+	70 - 130				02/08/23 08:59	02/08/23 12:35	1
1,4-Difluorobenzene (Surr)	96		70 - 130				02/08/23 08:59	02/08/23 12:35	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0388		0.00396		mg/Kg			02/08/23 16:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	83.7		50.1		mg/Kg			02/08/23 09:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		02/06/23 16:31	02/08/23 02:59	1
Diesel Range Organics (Over C10-C28)	83.7		50.1		mg/Kg		02/06/23 16:31	02/08/23 02:59	1

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Client Sample Results

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Client Sample ID: TP-4 (5)

Lab Sample ID: 890-3962-35

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		02/06/23 16:31	02/08/23 02:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				02/06/23 16:31	02/08/23 02:59	1
o-Terphenyl	90		70 - 130				02/06/23 16:31	02/08/23 02:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.73		4.98		mg/Kg			01/31/23 13:14	1

Client Sample ID: TP-4 (6)

Lab Sample ID: 890-3962-36

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/08/23 08:59	02/08/23 12:56	1
Toluene	0.00381		0.00199		mg/Kg		02/08/23 08:59	02/08/23 12:56	1
Ethylbenzene	0.0318		0.00199		mg/Kg		02/08/23 08:59	02/08/23 12:56	1
m-Xylene & p-Xylene	0.127		0.00398		mg/Kg		02/08/23 08:59	02/08/23 12:56	1
o-Xylene	0.0666		0.00199		mg/Kg		02/08/23 08:59	02/08/23 12:56	1
Xylenes, Total	0.194		0.00398		mg/Kg		02/08/23 08:59	02/08/23 12:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	138	S1+	70 - 130				02/08/23 08:59	02/08/23 12:56	1
1,4-Difluorobenzene (Surr)	84		70 - 130				02/08/23 08:59	02/08/23 12:56	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.229		0.00398		mg/Kg			02/08/23 16:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	607		49.9		mg/Kg			02/08/23 09:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	98.2		49.9		mg/Kg		02/06/23 16:31	02/08/23 03:20	1
Diesel Range Organics (Over C10-C28)	509		49.9		mg/Kg		02/06/23 16:31	02/08/23 03:20	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/06/23 16:31	02/08/23 03:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				02/06/23 16:31	02/08/23 03:20	1
o-Terphenyl	101		70 - 130				02/06/23 16:31	02/08/23 03:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.38	*	5.02		mg/Kg			01/31/23 15:20	1

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Client Sample Results

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Client Sample ID: TP-4 (7)

Lab Sample ID: 890-3962-37

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/08/23 08:59	02/08/23 13:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/08/23 08:59	02/08/23 13:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/08/23 08:59	02/08/23 13:16	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/08/23 08:59	02/08/23 13:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/08/23 08:59	02/08/23 13:16	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/08/23 08:59	02/08/23 13:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	02/08/23 08:59	02/08/23 13:16	1
1,4-Difluorobenzene (Surr)	92		70 - 130	02/08/23 08:59	02/08/23 13:16	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/08/23 16:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			02/08/23 09:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		02/06/23 16:31	02/08/23 03:43	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		02/06/23 16:31	02/08/23 03:43	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		02/06/23 16:31	02/08/23 03:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130	02/06/23 16:31	02/08/23 03:43	1
o-Terphenyl	89		70 - 130	02/06/23 16:31	02/08/23 03:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.2	*-	4.98		mg/Kg			01/31/23 15:35	1

Client Sample ID: TP-4 (8)

Lab Sample ID: 890-3962-38

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/08/23 08:59	02/08/23 13:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/08/23 08:59	02/08/23 13:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/08/23 08:59	02/08/23 13:37	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/08/23 08:59	02/08/23 13:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/08/23 08:59	02/08/23 13:37	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/08/23 08:59	02/08/23 13:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		70 - 130	02/08/23 08:59	02/08/23 13:37	1
1,4-Difluorobenzene (Surr)	68	S1-	70 - 130	02/08/23 08:59	02/08/23 13:37	1

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Client Sample Results

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Client Sample ID: TP-4 (8)

Lab Sample ID: 890-3962-38

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/08/23 16:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/08/23 09:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/06/23 16:31	02/08/23 04:04	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/06/23 16:31	02/08/23 04:04	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/06/23 16:31	02/08/23 04:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				02/06/23 16:31	02/08/23 04:04	1
o-Terphenyl	93		70 - 130				02/06/23 16:31	02/08/23 04:04	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.1	*-	5.00		mg/Kg			01/31/23 15:40	1

Client Sample ID: TP-4 (9)

Lab Sample ID: 890-3962-39

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/08/23 08:59	02/08/23 13:57	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/08/23 08:59	02/08/23 13:57	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/08/23 08:59	02/08/23 13:57	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/08/23 08:59	02/08/23 13:57	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/08/23 08:59	02/08/23 13:57	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/08/23 08:59	02/08/23 13:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130				02/08/23 08:59	02/08/23 13:57	1
1,4-Difluorobenzene (Surr)	95		70 - 130				02/08/23 08:59	02/08/23 13:57	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/08/23 16:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	192		49.9		mg/Kg			02/08/23 09:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/06/23 16:31	02/08/23 04:27	1
Diesel Range Organics (Over C10-C28)	192		49.9		mg/Kg		02/06/23 16:31	02/08/23 04:27	1

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Client Sample Results

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Client Sample ID: TP-4 (9)

Lab Sample ID: 890-3962-39

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/06/23 16:31	02/08/23 04:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				02/06/23 16:31	02/08/23 04:27	1
o-Terphenyl	87		70 - 130				02/06/23 16:31	02/08/23 04:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	35.5	*-	4.95		mg/Kg			01/31/23 15:44	1

Client Sample ID: TP-4 (10)

Lab Sample ID: 890-3962-40

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/08/23 08:59	02/08/23 14:18	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/08/23 08:59	02/08/23 14:18	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/08/23 08:59	02/08/23 14:18	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/08/23 08:59	02/08/23 14:18	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/08/23 08:59	02/08/23 14:18	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/08/23 08:59	02/08/23 14:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	78		70 - 130				02/08/23 08:59	02/08/23 14:18	1
1,4-Difluorobenzene (Surr)	97		70 - 130				02/08/23 08:59	02/08/23 14:18	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/08/23 16:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/08/23 09:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/06/23 16:31	02/08/23 04:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/06/23 16:31	02/08/23 04:49	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/06/23 16:31	02/08/23 04:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				02/06/23 16:31	02/08/23 04:49	1
o-Terphenyl	101		70 - 130				02/06/23 16:31	02/08/23 04:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	41.1	*-	5.01		mg/Kg			01/31/23 15:49	1

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Client Sample Results

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Client Sample ID: TP-5 (1)

Lab Sample ID: 890-3962-41

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/06/23 10:37	02/07/23 01:39	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/06/23 10:37	02/07/23 01:39	1
Ethylbenzene	<0.00201	U F1	0.00201		mg/Kg		02/06/23 10:37	02/07/23 01:39	1
m-Xylene & p-Xylene	<0.00402	U F1	0.00402		mg/Kg		02/06/23 10:37	02/07/23 01:39	1
o-Xylene	<0.00201	U F1	0.00201		mg/Kg		02/06/23 10:37	02/07/23 01:39	1
Xylenes, Total	<0.00402	U F1	0.00402		mg/Kg		02/06/23 10:37	02/07/23 01:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	02/06/23 10:37	02/07/23 01:39	1
1,4-Difluorobenzene (Surr)	98		70 - 130	02/06/23 10:37	02/07/23 01:39	1

Method: TAL SOP 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			02/07/23 09:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/08/23 09:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/06/23 16:34	02/07/23 20:42	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/06/23 16:34	02/07/23 20:42	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/06/23 16:34	02/07/23 20:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130	02/06/23 16:34	02/07/23 20:42	1
o-Terphenyl	111		70 - 130	02/06/23 16:34	02/07/23 20:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	40.7	*-	5.01		mg/Kg			01/31/23 16:04	1

Client Sample ID: TP-5 (2)

Lab Sample ID: 890-3962-42

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:37	02/07/23 02:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:37	02/07/23 02:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:37	02/07/23 02:05	1
m-Xylene & p-Xylene	0.0209		0.00401		mg/Kg		02/06/23 10:37	02/07/23 02:05	1
o-Xylene	0.0134		0.00200		mg/Kg		02/06/23 10:37	02/07/23 02:05	1
Xylenes, Total	0.0343		0.00401		mg/Kg		02/06/23 10:37	02/07/23 02:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	78		70 - 130	02/06/23 10:37	02/07/23 02:05	1
1,4-Difluorobenzene (Surr)	91		70 - 130	02/06/23 10:37	02/07/23 02:05	1

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Client Sample Results

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Client Sample ID: TP-5 (2)

Lab Sample ID: 890-3962-42

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0343		0.00401		mg/Kg			02/07/23 09:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	288		49.9		mg/Kg			02/08/23 09:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/06/23 16:34	02/07/23 21:49	1
Diesel Range Organics (Over C10-C28)	288		49.9		mg/Kg		02/06/23 16:34	02/07/23 21:49	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/06/23 16:34	02/07/23 21:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130				02/06/23 16:34	02/07/23 21:49	1
o-Terphenyl	120		70 - 130				02/06/23 16:34	02/07/23 21:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	24.7	*	4.97		mg/Kg			01/31/23 16:09	1

Client Sample ID: TP-5 (3)

Lab Sample ID: 890-3962-43

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:37	02/07/23 02:31	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:37	02/07/23 02:31	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:37	02/07/23 02:31	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/06/23 10:37	02/07/23 02:31	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:37	02/07/23 02:31	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/06/23 10:37	02/07/23 02:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	71		70 - 130				02/06/23 10:37	02/07/23 02:31	1
1,4-Difluorobenzene (Surr)	90		70 - 130				02/06/23 10:37	02/07/23 02:31	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/07/23 09:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/08/23 09:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/06/23 16:34	02/07/23 22:11	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/06/23 16:34	02/07/23 22:11	1

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Client Sample Results

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Client Sample ID: TP-5 (3)

Lab Sample ID: 890-3962-43

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/06/23 16:34	02/07/23 22:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130				02/06/23 16:34	02/07/23 22:11	1
o-Terphenyl	118		70 - 130				02/06/23 16:34	02/07/23 22:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	25.4	*-	4.99		mg/Kg			01/31/23 16:13	1

Client Sample ID: TP-5 (4)

Lab Sample ID: 890-3962-44

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:37	02/07/23 02:57	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:37	02/07/23 02:57	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:37	02/07/23 02:57	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/06/23 10:37	02/07/23 02:57	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:37	02/07/23 02:57	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/06/23 10:37	02/07/23 02:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130				02/06/23 10:37	02/07/23 02:57	1
1,4-Difluorobenzene (Surr)	91		70 - 130				02/06/23 10:37	02/07/23 02:57	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/07/23 09:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/08/23 09:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/06/23 16:34	02/07/23 22:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/06/23 16:34	02/07/23 22:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/06/23 16:34	02/07/23 22:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130				02/06/23 16:34	02/07/23 22:32	1
o-Terphenyl	120		70 - 130				02/06/23 16:34	02/07/23 22:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	30.2	*-	5.00		mg/Kg			01/31/23 16:18	1

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Client Sample Results

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Client Sample ID: TP-5 (5)

Lab Sample ID: 890-3962-45

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:37	02/07/23 03:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:37	02/07/23 03:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:37	02/07/23 03:23	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/06/23 10:37	02/07/23 03:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:37	02/07/23 03:23	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/06/23 10:37	02/07/23 03:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	02/06/23 10:37	02/07/23 03:23	1
1,4-Difluorobenzene (Surr)	88		70 - 130	02/06/23 10:37	02/07/23 03:23	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/07/23 09:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/08/23 09:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/06/23 16:34	02/07/23 22:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/06/23 16:34	02/07/23 22:55	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/06/23 16:34	02/07/23 22:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130	02/06/23 16:34	02/07/23 22:55	1
o-Terphenyl	115		70 - 130	02/06/23 16:34	02/07/23 22:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	31.4	*-	5.00		mg/Kg			01/31/23 16:23	1

Client Sample ID: TP-5 (6)

Lab Sample ID: 890-3962-46

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:37	02/07/23 03:49	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:37	02/07/23 03:49	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:37	02/07/23 03:49	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/06/23 10:37	02/07/23 03:49	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:37	02/07/23 03:49	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/06/23 10:37	02/07/23 03:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	02/06/23 10:37	02/07/23 03:49	1
1,4-Difluorobenzene (Surr)	92		70 - 130	02/06/23 10:37	02/07/23 03:49	1

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Client Sample Results

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Client Sample ID: TP-5 (6)

Lab Sample ID: 890-3962-46

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/07/23 09:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/08/23 09:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/06/23 16:34	02/07/23 23:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/06/23 16:34	02/07/23 23:17	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/06/23 16:34	02/07/23 23:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				02/06/23 16:34	02/07/23 23:17	1
o-Terphenyl	97		70 - 130				02/06/23 16:34	02/07/23 23:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23.5	*	4.97		mg/Kg			01/31/23 16:28	1

Client Sample ID: TP-5 (7)

Lab Sample ID: 890-3962-47

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:37	02/07/23 04:15	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:37	02/07/23 04:15	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:37	02/07/23 04:15	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/06/23 10:37	02/07/23 04:15	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:37	02/07/23 04:15	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/06/23 10:37	02/07/23 04:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130				02/06/23 10:37	02/07/23 04:15	1
1,4-Difluorobenzene (Surr)	89		70 - 130				02/06/23 10:37	02/07/23 04:15	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/07/23 09:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/08/23 09:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/06/23 16:34	02/07/23 23:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/06/23 16:34	02/07/23 23:39	1

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Client Sample Results

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Client Sample ID: TP-5 (7)

Lab Sample ID: 890-3962-47

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/06/23 16:34	02/07/23 23:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				02/06/23 16:34	02/07/23 23:39	1
o-Terphenyl	117		70 - 130				02/06/23 16:34	02/07/23 23:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.3	*-	5.05		mg/Kg			01/31/23 16:42	1

Client Sample ID: TP-5 (8)

Lab Sample ID: 890-3962-48

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/06/23 10:37	02/07/23 04:41	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/06/23 10:37	02/07/23 04:41	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/06/23 10:37	02/07/23 04:41	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/06/23 10:37	02/07/23 04:41	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/06/23 10:37	02/07/23 04:41	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/06/23 10:37	02/07/23 04:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	70		70 - 130				02/06/23 10:37	02/07/23 04:41	1
1,4-Difluorobenzene (Surr)	89		70 - 130				02/06/23 10:37	02/07/23 04:41	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			02/07/23 09:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/08/23 09:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/06/23 16:34	02/08/23 00:01	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/06/23 16:34	02/08/23 00:01	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/06/23 16:34	02/08/23 00:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				02/06/23 16:34	02/08/23 00:01	1
o-Terphenyl	112		70 - 130				02/06/23 16:34	02/08/23 00:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.3	*-	5.00		mg/Kg			01/31/23 16:47	1

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Client Sample Results

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Client Sample ID: TP-5 (9)

Lab Sample ID: 890-3962-49

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:37	02/07/23 05:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:37	02/07/23 05:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:37	02/07/23 05:08	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/06/23 10:37	02/07/23 05:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:37	02/07/23 05:08	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/06/23 10:37	02/07/23 05:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	02/06/23 10:37	02/07/23 05:08	1
1,4-Difluorobenzene (Surr)	102		70 - 130	02/06/23 10:37	02/07/23 05:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/07/23 09:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/08/23 09:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/06/23 16:34	02/08/23 00:23	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/06/23 16:34	02/08/23 00:23	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/06/23 16:34	02/08/23 00:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130	02/06/23 16:34	02/08/23 00:23	1
o-Terphenyl	100		70 - 130	02/06/23 16:34	02/08/23 00:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.40	*-	4.98		mg/Kg			01/31/23 17:01	1

Client Sample ID: TP-5 (10)

Lab Sample ID: 890-3962-50

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:37	02/07/23 05:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:37	02/07/23 05:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:37	02/07/23 05:34	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/06/23 10:37	02/07/23 05:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:37	02/07/23 05:34	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/06/23 10:37	02/07/23 05:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	02/06/23 10:37	02/07/23 05:34	1
1,4-Difluorobenzene (Surr)	101		70 - 130	02/06/23 10:37	02/07/23 05:34	1

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Client Sample Results

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Client Sample ID: TP-5 (10)

Lab Sample ID: 890-3962-50

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/07/23 09:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/08/23 09:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/06/23 16:34	02/08/23 00:46	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/06/23 16:34	02/08/23 00:46	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/06/23 16:34	02/08/23 00:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				02/06/23 16:34	02/08/23 00:46	1
o-Terphenyl	101		70 - 130				02/06/23 16:34	02/08/23 00:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.44	*-	5.02		mg/Kg			01/31/23 17:06	1

Client Sample ID: H-1 (0-0.5')

Lab Sample ID: 890-3962-51

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/06/23 10:37	02/07/23 07:23	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/06/23 10:37	02/07/23 07:23	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/06/23 10:37	02/07/23 07:23	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/06/23 10:37	02/07/23 07:23	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/06/23 10:37	02/07/23 07:23	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/06/23 10:37	02/07/23 07:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				02/06/23 10:37	02/07/23 07:23	1
1,4-Difluorobenzene (Surr)	97		70 - 130				02/06/23 10:37	02/07/23 07:23	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			02/07/23 09:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/08/23 09:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/06/23 16:34	02/08/23 01:31	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/06/23 16:34	02/08/23 01:31	1

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Client Sample Results

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Client Sample ID: H-1 (0-0.5')

Lab Sample ID: 890-3962-51

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/06/23 16:34	02/08/23 01:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				02/06/23 16:34	02/08/23 01:31	1
o-Terphenyl	116		70 - 130				02/06/23 16:34	02/08/23 01:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.98	U *-	4.98		mg/Kg			01/31/23 17:11	1

Client Sample ID: H-2 (0-0.5')

Lab Sample ID: 890-3962-52

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:37	02/07/23 07:50	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:37	02/07/23 07:50	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:37	02/07/23 07:50	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/06/23 10:37	02/07/23 07:50	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:37	02/07/23 07:50	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/06/23 10:37	02/07/23 07:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130				02/06/23 10:37	02/07/23 07:50	1
1,4-Difluorobenzene (Surr)	98		70 - 130				02/06/23 10:37	02/07/23 07:50	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/07/23 09:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/08/23 09:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/06/23 16:34	02/08/23 01:52	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/06/23 16:34	02/08/23 01:52	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/06/23 16:34	02/08/23 01:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				02/06/23 16:34	02/08/23 01:52	1
o-Terphenyl	122		70 - 130				02/06/23 16:34	02/08/23 01:52	1

Method: EPA 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			01/31/23 17:16	1

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Client Sample Results

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Client Sample ID: H-3 (0-0.5")

Lab Sample ID: 890-3962-53

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:37	02/07/23 08:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:37	02/07/23 08:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:37	02/07/23 08:16	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/06/23 10:37	02/07/23 08:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:37	02/07/23 08:16	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/06/23 10:37	02/07/23 08:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	02/06/23 10:37	02/07/23 08:16	1
1,4-Difluorobenzene (Surr)	111		70 - 130	02/06/23 10:37	02/07/23 08:16	1

Method: TAL SOP 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			02/07/23 09:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/08/23 09:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/06/23 16:34	02/08/23 02:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/06/23 16:34	02/08/23 02:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/06/23 16:34	02/08/23 02:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130	02/06/23 16:34	02/08/23 02:15	1
o-Terphenyl	103		70 - 130	02/06/23 16:34	02/08/23 02:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.98	U *-	4.98		mg/Kg			01/31/23 17:21	1

Client Sample ID: H-4 (0-0.5')

Lab Sample ID: 890-3962-54

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:37	02/07/23 08:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:37	02/07/23 08:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:37	02/07/23 08:42	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/06/23 10:37	02/07/23 08:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:37	02/07/23 08:42	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/06/23 10:37	02/07/23 08:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	02/06/23 10:37	02/07/23 08:42	1
1,4-Difluorobenzene (Surr)	102		70 - 130	02/06/23 10:37	02/07/23 08:42	1

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Client Sample Results

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Client Sample ID: H-4 (0-0.5')

Lab Sample ID: 890-3962-54

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/07/23 13:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/08/23 09:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/06/23 16:34	02/08/23 02:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/06/23 16:34	02/08/23 02:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/06/23 16:34	02/08/23 02:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				02/06/23 16:34	02/08/23 02:36	1
o-Terphenyl	109		70 - 130				02/06/23 16:34	02/08/23 02:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.99	U *	4.99		mg/Kg			01/31/23 17:26	1

Client Sample ID: H-5 (0-0.5')

Lab Sample ID: 890-3962-55

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:37	02/07/23 09:09	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:37	02/07/23 09:09	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:37	02/07/23 09:09	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/06/23 10:37	02/07/23 09:09	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:37	02/07/23 09:09	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/06/23 10:37	02/07/23 09:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130				02/06/23 10:37	02/07/23 09:09	1
1,4-Difluorobenzene (Surr)	95		70 - 130				02/06/23 10:37	02/07/23 09:09	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/07/23 13:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/08/23 09:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/06/23 16:34	02/08/23 02:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/06/23 16:34	02/08/23 02:59	1

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Client Sample Results

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Client Sample ID: H-5 (0-0.5')

Lab Sample ID: 890-3962-55

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/06/23 16:34	02/08/23 02:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				02/06/23 16:34	02/08/23 02:59	1
o-Terphenyl	114		70 - 130				02/06/23 16:34	02/08/23 02:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.97	U *-	4.97		mg/Kg			01/31/23 17:30	1

Client Sample ID: H-6 (0-0.5")

Lab Sample ID: 890-3962-56

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/06/23 10:37	02/07/23 09:35	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/06/23 10:37	02/07/23 09:35	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/06/23 10:37	02/07/23 09:35	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/06/23 10:37	02/07/23 09:35	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/06/23 10:37	02/07/23 09:35	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/06/23 10:37	02/07/23 09:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				02/06/23 10:37	02/07/23 09:35	1
1,4-Difluorobenzene (Surr)	92		70 - 130				02/06/23 10:37	02/07/23 09:35	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			02/07/23 13:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/08/23 09:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/06/23 16:34	02/08/23 03:20	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/06/23 16:34	02/08/23 03:20	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/06/23 16:34	02/08/23 03:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				02/06/23 16:34	02/08/23 03:20	1
o-Terphenyl	113		70 - 130				02/06/23 16:34	02/08/23 03:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.01	U	5.01		mg/Kg			02/01/23 13:31	1

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Client Sample Results

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Client Sample ID: H-7 (0-0.5')

Lab Sample ID: 890-3962-57

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:37	02/07/23 10:01	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:37	02/07/23 10:01	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:37	02/07/23 10:01	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/06/23 10:37	02/07/23 10:01	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:37	02/07/23 10:01	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/06/23 10:37	02/07/23 10:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	02/06/23 10:37	02/07/23 10:01	1
1,4-Difluorobenzene (Surr)	108		70 - 130	02/06/23 10:37	02/07/23 10:01	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/07/23 13:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/08/23 09:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/06/23 16:34	02/08/23 03:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/06/23 16:34	02/08/23 03:43	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/06/23 16:34	02/08/23 03:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130	02/06/23 16:34	02/08/23 03:43	1
o-Terphenyl	120		70 - 130	02/06/23 16:34	02/08/23 03:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.98	U	4.98		mg/Kg			02/01/23 13:50	1

Client Sample ID: H-8 (0--0.5')

Lab Sample ID: 890-3962-58

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:37	02/07/23 10:28	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:37	02/07/23 10:28	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:37	02/07/23 10:28	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/06/23 10:37	02/07/23 10:28	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:37	02/07/23 10:28	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/06/23 10:37	02/07/23 10:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	76		70 - 130	02/06/23 10:37	02/07/23 10:28	1
1,4-Difluorobenzene (Surr)	106		70 - 130	02/06/23 10:37	02/07/23 10:28	1

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Client Sample Results

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Client Sample ID: H-8 (0--0.5')

Lab Sample ID: 890-3962-58

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/07/23 13:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/08/23 09:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/06/23 16:34	02/08/23 04:04	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/06/23 16:34	02/08/23 04:04	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/06/23 16:34	02/08/23 04:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130				02/06/23 16:34	02/08/23 04:04	1
o-Terphenyl	133	S1+	70 - 130				02/06/23 16:34	02/08/23 04:04	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.95	U	4.95		mg/Kg			02/02/23 08:09	1

Client Sample ID: H-9 (0-0.5')

Lab Sample ID: 890-3962-59

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:37	02/07/23 10:55	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:37	02/07/23 10:55	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:37	02/07/23 10:55	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/06/23 10:37	02/07/23 10:55	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:37	02/07/23 10:55	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/06/23 10:37	02/07/23 10:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	129		70 - 130				02/06/23 10:37	02/07/23 10:55	1
1,4-Difluorobenzene (Surr)	130		70 - 130				02/06/23 10:37	02/07/23 10:55	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/07/23 13:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/08/23 09:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/06/23 16:34	02/08/23 04:27	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/06/23 16:34	02/08/23 04:27	1

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Client Sample Results

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Client Sample ID: H-9 (0-0.5')

Lab Sample ID: 890-3962-59

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/06/23 16:34	02/08/23 04:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130				02/06/23 16:34	02/08/23 04:27	1
o-Terphenyl	124		70 - 130				02/06/23 16:34	02/08/23 04:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			02/02/23 08:15	1

Client Sample ID: H-10 (0-0.5')

Lab Sample ID: 890-3962-60

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:37	02/07/23 11:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:37	02/07/23 11:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:37	02/07/23 11:21	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/06/23 10:37	02/07/23 11:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:37	02/07/23 11:21	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/06/23 10:37	02/07/23 11:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130				02/06/23 10:37	02/07/23 11:21	1
1,4-Difluorobenzene (Surr)	87		70 - 130				02/06/23 10:37	02/07/23 11:21	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/07/23 13:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/08/23 09:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/06/23 16:34	02/08/23 04:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/06/23 16:34	02/08/23 04:49	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/06/23 16:34	02/08/23 04:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				02/06/23 16:34	02/08/23 04:49	1
o-Terphenyl	107		70 - 130				02/06/23 16:34	02/08/23 04:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.99	U	4.99		mg/Kg			02/02/23 08:22	1

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Surrogate Summary

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-24295-A-40-C MS	Matrix Spike	95	96
880-24295-A-40-D MSD	Matrix Spike Duplicate	89	103
880-24368-A-1-G MS	Matrix Spike	62 S1-	99
880-24368-A-1-H MSD	Matrix Spike Duplicate	68 S1-	81
890-3962-1	TP-1 (1)	176 S1+	71
890-3962-2	TP-1 (2)	117	102
890-3962-2 MS	TP-1 (2)	106	107
890-3962-2 MSD	TP-1 (2)	112	107
890-3962-3	TP-1 (3)	117	105
890-3962-4	TP-1 (4)	120	99
890-3962-5	TP-1 (5)	120	109
890-3962-6	TP-1 (6)	117	105
890-3962-7	TP-1 (7)	116	103
890-3962-8	TP-1 (8)	115	104
890-3962-9	TP-1 (9)	114	110
890-3962-10	TP-1 (10)	106	110
890-3962-11	TP-2 (1)	138 S1+	80
890-3962-12	TP-2 (2)	116	95
890-3962-13	TP-2 (3)	121	116
890-3962-14	TP-2 (4)	110	98
890-3962-15	TP-2 (5)	109	113
890-3962-16	TP-2 (6)	113	113
890-3962-17	TP-2 (7)	112	109
890-3962-18	TP-2 (8)	113	105
890-3962-19	TP-2 (9)	113	103
890-3962-20	TP-2 (10)	108	108
890-3962-21	TP-3 (1)	126	107
890-3962-22	TP-3 (2)	224 S1+	112
890-3962-23	TP-3 (3)	142 S1+	94
890-3962-23 MS	TP-3 (3)	99	94
890-3962-23 MSD	TP-3 (3)	158 S1+	85
890-3962-24	TP-3 (4)	129	96
890-3962-25	TP-3 (5)	113	87
890-3962-26	TP-3 (6)	120	88
890-3962-27	TP-3 (7)	106	75
890-3962-28	TP-3 (8)	93	68 S1-
890-3962-29	TP-3 (9)	78	66 S1-
890-3962-30	TP-3 (10)	116	84
890-3962-31	TP-4 (1)	217 S1+	101
890-3962-32	TP-4 (2)	156 S1+	87
890-3962-33	TP-4 (3)	215 S1+	97
890-3962-34	TP-4 (4)	245 S1+	96
890-3962-35	TP-4 (5)	150 S1+	96
890-3962-36	TP-4 (6)	138 S1+	84
890-3962-37	TP-4 (7)	117	92
890-3962-37 MS	TP-4 (7)	108	101
890-3962-37 MSD	TP-4 (7)	104	100
890-3962-38	TP-4 (8)	83	68 S1-
890-3962-39	TP-4 (9)	120	95

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Surrogate Summary

Client: NT Global

Job ID: 890-3962-1

Project/Site: Pinnacle CTB 35H Lease Road

SDG: 236729

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
890-3962-40	TP-4 (10)	78	97
890-3962-41	TP-5 (1)	96	98
890-3962-41 MS	TP-5 (1)	91	105
890-3962-41 MSD	TP-5 (1)	100	107
890-3962-42	TP-5 (2)	78	91
890-3962-43	TP-5 (3)	71	90
890-3962-44	TP-5 (4)	87	91
890-3962-45	TP-5 (5)	93	88
890-3962-46	TP-5 (6)	93	92
890-3962-47	TP-5 (7)	85	89
890-3962-48	TP-5 (8)	70	89
890-3962-49	TP-5 (9)	95	102
890-3962-50	TP-5 (10)	100	101
890-3962-51	H-1 (0-0.5')	95	97
890-3962-52	H-2 (0-0.5')	89	98
890-3962-53	H-3 (0-0.5")	109	111
890-3962-54	H-4 (0-0.5')	101	102
890-3962-55	H-5 (0-0.5')	89	95
890-3962-56	H-6 (0-0.5")	111	92
890-3962-57	H-7 (0-0.5')	90	108
890-3962-58	H-8 (0-0.5')	76	106
890-3962-59	H-9 (0-0.5')	129	130
890-3962-60	H-10 (0-0.5')	87	87
LCS 880-45559/1-A	Lab Control Sample	115	107
LCS 880-45560/1-A	Lab Control Sample	91	92
LCS 880-45561/1-A	Lab Control Sample	86	99
LCS 880-45694/1-A	Lab Control Sample	113	87
LCS 880-45702/1-A	Lab Control Sample	84	95
LCS 880-45754/1-A	Lab Control Sample	123	95
LCSD 880-45559/2-A	Lab Control Sample Dup	111	108
LCSD 880-45560/2-A	Lab Control Sample Dup	97	97
LCSD 880-45561/2-A	Lab Control Sample Dup	78	95
LCSD 880-45694/2-A	Lab Control Sample Dup	85	108
LCSD 880-45702/2-A	Lab Control Sample Dup	86	96
LCSD 880-45754/2-A	Lab Control Sample Dup	119	92
MB 880-44923/5-A	Method Blank	101	108
MB 880-45550/5-A	Method Blank	65 S1-	95
MB 880-45559/5-A	Method Blank	104	104
MB 880-45560/5-A	Method Blank	92	93
MB 880-45561/5-A	Method Blank	67 S1-	87
MB 880-45604/5-A	Method Blank	74	93
MB 880-45694/5-A	Method Blank	76	94
MB 880-45702/5-A	Method Blank	90	93
MB 880-45754/5-A	Method Blank	73	93

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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Surrogate Summary

Client: NT Global

Job ID: 890-3962-1

Project/Site: Pinnacle CTB 35H Lease Road

SDG: 236729

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
890-3962-1	TP-1 (1)	113	99
890-3962-1 MS	TP-1 (1)	120	91
890-3962-1 MSD	TP-1 (1)	121	93
890-3962-2	TP-1 (2)	94	87
890-3962-3	TP-1 (3)	91	85
890-3962-4	TP-1 (4)	93	88
890-3962-5	TP-1 (5)	103	99
890-3962-6	TP-1 (6)	89	85
890-3962-7	TP-1 (7)	88	83
890-3962-8	TP-1 (8)	87	83
890-3962-9	TP-1 (9)	89	87
890-3962-10	TP-1 (10)	96	95
890-3962-11	TP-2 (1)	103	86
890-3962-12	TP-2 (2)	99	84
890-3962-13	TP-2 (3)	100	95
890-3962-14	TP-2 (4)	104	100
890-3962-15	TP-2 (5)	91	86
890-3962-16	TP-2 (6)	89	87
890-3962-17	TP-2 (7)	90	86
890-3962-18	TP-2 (8)	88	86
890-3962-19	TP-2 (9)	89	85
890-3962-20	TP-2 (10)	87	84
890-3962-21	TP-3 (1)	115	115
890-3962-21 MS	TP-3 (1)	97	95
890-3962-21 MSD	TP-3 (1)	95	93
890-3962-22	TP-3 (2)	114	110
890-3962-23	TP-3 (3)	107	111
890-3962-24	TP-3 (4)	111	111
890-3962-25	TP-3 (5)	89	94
890-3962-26	TP-3 (6)	91	95
890-3962-27	TP-3 (7)	110	108
890-3962-28	TP-3 (8)	90	92
890-3962-29	TP-3 (9)	91	94
890-3962-30	TP-3 (10)	105	105
890-3962-31	TP-4 (1)	97	98
890-3962-32	TP-4 (2)	98	96
890-3962-33	TP-4 (3)	140 S1+	109
890-3962-34	TP-4 (4)	99	92
890-3962-35	TP-4 (5)	87	90
890-3962-36	TP-4 (6)	97	101
890-3962-37	TP-4 (7)	88	89
890-3962-38	TP-4 (8)	89	93
890-3962-39	TP-4 (9)	84	87
890-3962-40	TP-4 (10)	104	101
890-3962-41	TP-5 (1)	99	111
890-3962-41 MS	TP-5 (1)	99	101
890-3962-41 MSD	TP-5 (1)	116	114
890-3962-42	TP-5 (2)	113	120
890-3962-43	TP-5 (3)	113	118
890-3962-44	TP-5 (4)	113	120

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Surrogate Summary

Client: NT Global

Job ID: 890-3962-1

Project/Site: Pinnacle CTB 35H Lease Road

SDG: 236729

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-3962-45	TP-5 (5)	108	115
890-3962-46	TP-5 (6)	88	97
890-3962-47	TP-5 (7)	110	117
890-3962-48	TP-5 (8)	106	112
890-3962-49	TP-5 (9)	90	100
890-3962-50	TP-5 (10)	97	101
890-3962-51	H-1 (0-0.5')	105	116
890-3962-52	H-2 (0-0.5')	108	122
890-3962-53	H-3 (0-0.5")	91	103
890-3962-54	H-4 (0-0.5')	96	109
890-3962-55	H-5 (0-0.5')	100	114
890-3962-56	H-6 (0-0.5")	103	113
890-3962-57	H-7 (0-0.5')	111	120
890-3962-58	H-8 (0-0.5')	121	133 S1+
890-3962-59	H-9 (0-0.5')	115	124
890-3962-60	H-10 (0-0.5')	94	107
LCS 880-45635/2-A	Lab Control Sample	123	104
LCS 880-45636/2-A	Lab Control Sample	92	97
LCS 880-45637/2-A	Lab Control Sample	99	106
LCSD 880-45635/3-A	Lab Control Sample Dup	129	106
LCSD 880-45636/3-A	Lab Control Sample Dup	94	97
LCSD 880-45637/3-A	Lab Control Sample Dup	96	102
MB 880-45635/1-A	Method Blank	134 S1+	133 S1+
MB 880-45636/1-A	Method Blank	107	111
MB 880-45637/1-A	Method Blank	109	124

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-44923/5-A

Matrix: Solid

Analysis Batch: 45546

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 44923

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/27/23 12:23	02/06/23 13:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/27/23 12:23	02/06/23 13:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/27/23 12:23	02/06/23 13:23	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/27/23 12:23	02/06/23 13:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/27/23 12:23	02/06/23 13:23	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/27/23 12:23	02/06/23 13:23	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	01/27/23 12:23	02/06/23 13:23	1
1,4-Difluorobenzene (Surr)	108		70 - 130	01/27/23 12:23	02/06/23 13:23	1

Lab Sample ID: MB 880-45550/5-A

Matrix: Solid

Analysis Batch: 45543

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 45550

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/06/23 08:20	02/06/23 11:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/06/23 08:20	02/06/23 11:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/06/23 08:20	02/06/23 11:34	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/06/23 08:20	02/06/23 11:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/06/23 08:20	02/06/23 11:34	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/06/23 08:20	02/06/23 11:34	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	65	S1-	70 - 130	02/06/23 08:20	02/06/23 11:34	1
1,4-Difluorobenzene (Surr)	95		70 - 130	02/06/23 08:20	02/06/23 11:34	1

Lab Sample ID: MB 880-45559/5-A

Matrix: Solid

Analysis Batch: 45546

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 45559

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:09	02/07/23 00:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:09	02/07/23 00:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:09	02/07/23 00:59	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/06/23 10:09	02/07/23 00:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:09	02/07/23 00:59	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/06/23 10:09	02/07/23 00:59	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	02/06/23 10:09	02/07/23 00:59	1
1,4-Difluorobenzene (Surr)	104		70 - 130	02/06/23 10:09	02/07/23 00:59	1

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QC Sample Results

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

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

Lab Sample ID: LCS 880-45559/1-A

Matrix: Solid

Analysis Batch: 45546

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 45559

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09823		mg/Kg		98	70 - 130
Toluene	0.100	0.1007		mg/Kg		101	70 - 130
Ethylbenzene	0.100	0.1032		mg/Kg		103	70 - 130
m-Xylene & p-Xylene	0.200	0.2185		mg/Kg		109	70 - 130
o-Xylene	0.100	0.1067		mg/Kg		107	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	115		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: LCSD 880-45559/2-A

Matrix: Solid

Analysis Batch: 45546

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 45559

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09498		mg/Kg		95	70 - 130	3	35
Toluene	0.100	0.09702		mg/Kg		97	70 - 130	4	35
Ethylbenzene	0.100	0.09732		mg/Kg		97	70 - 130	6	35
m-Xylene & p-Xylene	0.200	0.2055		mg/Kg		103	70 - 130	6	35
o-Xylene	0.100	0.09998		mg/Kg		100	70 - 130	7	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: 890-3962-2 MS

Matrix: Solid

Analysis Batch: 45546

Client Sample ID: TP-1 (2)

Prep Type: Total/NA

Prep Batch: 45559

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00202	U F2 F1	0.100	0.1009		mg/Kg		101	70 - 130
Toluene	<0.00202	U F2 F1	0.100	0.09429		mg/Kg		93	70 - 130
Ethylbenzene	<0.00202	U F2 F1	0.100	0.08476		mg/Kg		85	70 - 130
m-Xylene & p-Xylene	<0.00404	U F1	0.200	0.1824		mg/Kg		90	70 - 130
o-Xylene	<0.00202	U F1	0.100	0.08803		mg/Kg		86	70 - 130

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

Lab Sample ID: 890-3962-2 MSD

Matrix: Solid

Analysis Batch: 45546

Client Sample ID: TP-1 (2)

Prep Type: Total/NA

Prep Batch: 45559

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U F2 F1	0.0996	0.06016	F2 F1	mg/Kg		60	70 - 130	51	35
Toluene	<0.00202	U F2 F1	0.0996	0.06029	F2 F1	mg/Kg		59	70 - 130	44	35
Ethylbenzene	<0.00202	U F2 F1	0.0996	0.05770	F2 F1	mg/Kg		58	70 - 130	38	35

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QC Sample Results

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

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

Lab Sample ID: 890-3962-2 MSD

Matrix: Solid

Analysis Batch: 45546

Client Sample ID: TP-1 (2)

Prep Type: Total/NA

Prep Batch: 45559

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00404	U F1	0.199	0.1294	F1	mg/Kg		64	70 - 130	34	35
o-Xylene	<0.00202	U F1	0.0996	0.06357	F1	mg/Kg		62	70 - 130	32	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	112		70 - 130								
1,4-Difluorobenzene (Surr)	107		70 - 130								

Lab Sample ID: MB 880-45560/5-A

Matrix: Solid

Analysis Batch: 45650

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 45560

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:35	02/07/23 14:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:35	02/07/23 14:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:35	02/07/23 14:47	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/06/23 10:35	02/07/23 14:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:35	02/07/23 14:47	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/06/23 10:35	02/07/23 14:47	1
	MB	MB							
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				02/06/23 10:35	02/07/23 14:47	1
1,4-Difluorobenzene (Surr)	93		70 - 130				02/06/23 10:35	02/07/23 14:47	1

Lab Sample ID: LCS 880-45560/1-A

Matrix: Solid

Analysis Batch: 45650

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 45560

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09553		mg/Kg		96	70 - 130
Toluene	0.100	0.09066		mg/Kg		91	70 - 130
Ethylbenzene	0.100	0.07958		mg/Kg		80	70 - 130
m-Xylene & p-Xylene	0.200	0.1544		mg/Kg		77	70 - 130
o-Xylene	0.100	0.08021		mg/Kg		80	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	91		70 - 130				
1,4-Difluorobenzene (Surr)	92		70 - 130				

Lab Sample ID: LCSD 880-45560/2-A

Matrix: Solid

Analysis Batch: 45650

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 45560

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1065		mg/Kg		106	70 - 130	11	35
Toluene	0.100	0.1039		mg/Kg		104	70 - 130	14	35
Ethylbenzene	0.100	0.09406		mg/Kg		94	70 - 130	17	35
m-Xylene & p-Xylene	0.200	0.1825		mg/Kg		91	70 - 130	17	35
o-Xylene	0.100	0.09240		mg/Kg		92	70 - 130	14	35

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QC Sample Results

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

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

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

Lab Sample ID: 890-3962-23 MS

Matrix: Solid

Analysis Batch: 45650

Client Sample ID: TP-3 (3)

Prep Type: Total/NA

Prep Batch: 45560

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00199	U F1	0.101	0.05402	F1	mg/Kg		54	70 - 130	
Toluene	0.0818	F1	0.101	0.06864	F1	mg/Kg		-13	70 - 130	
Ethylbenzene	0.235	F1	0.101	0.1447	F1	mg/Kg		-89	70 - 130	
m-Xylene & p-Xylene	0.675	F2 F1	0.202	0.3444	F1	mg/Kg		-164	70 - 130	
o-Xylene	0.282	F2 F1	0.101	0.1449	F1	mg/Kg		-136	70 - 130	

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: 890-3962-23 MSD

Matrix: Solid

Analysis Batch: 45650

Client Sample ID: TP-3 (3)

Prep Type: Total/NA

Prep Batch: 45560

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	<0.00199	U F1	0.0996	0.04242	F1	mg/Kg		43	70 - 130	24	35	
Toluene	0.0818	F1	0.0996	0.08306	F1	mg/Kg		1	70 - 130	19	35	
Ethylbenzene	0.235	F1	0.0996	0.1698	F1	mg/Kg		-65	70 - 130	16	35	
m-Xylene & p-Xylene	0.675	F2 F1	0.199	0.5081	F2 F1	mg/Kg		-84	70 - 130	38	35	
o-Xylene	0.282	F2 F1	0.0996	0.2281	F2 F1	mg/Kg		-54	70 - 130	45	35	

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	158	S1+	70 - 130
1,4-Difluorobenzene (Surr)	85		70 - 130

Lab Sample ID: MB 880-45561/5-A

Matrix: Solid

Analysis Batch: 45543

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 45561

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:37	02/07/23 01:12	1	
Toluene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:37	02/07/23 01:12	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:37	02/07/23 01:12	1	
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/06/23 10:37	02/07/23 01:12	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:37	02/07/23 01:12	1	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/06/23 10:37	02/07/23 01:12	1	

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac				
4-Bromofluorobenzene (Surr)	67	S1-	70 - 130	02/06/23 10:37	02/07/23 01:12	1				
1,4-Difluorobenzene (Surr)	87		70 - 130	02/06/23 10:37	02/07/23 01:12	1				

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QC Sample Results

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

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

Lab Sample ID: LCS 880-45561/1-A

Matrix: Solid

Analysis Batch: 45543

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 45561

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.07212		mg/Kg		72	70 - 130
Toluene	0.100	0.07281		mg/Kg		73	70 - 130
Ethylbenzene	0.100	0.07460		mg/Kg		75	70 - 130
m-Xylene & p-Xylene	0.200	0.1401		mg/Kg		70	70 - 130
o-Xylene	0.100	0.07483		mg/Kg		75	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	86		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-45561/2-A

Matrix: Solid

Analysis Batch: 45543

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 45561

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.07713		mg/Kg		77	70 - 130	7	35
Toluene	0.100	0.07515		mg/Kg		75	70 - 130	3	35
Ethylbenzene	0.100	0.08102		mg/Kg		81	70 - 130	8	35
m-Xylene & p-Xylene	0.200	0.1459		mg/Kg		73	70 - 130	4	35
o-Xylene	0.100	0.07360		mg/Kg		74	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	78		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: 890-3962-41 MS

Matrix: Solid

Analysis Batch: 45543

Client Sample ID: TP-5 (1)

Prep Type: Total/NA

Prep Batch: 45561

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.101	0.07897		mg/Kg		78	70 - 130
Toluene	<0.00201	U	0.101	0.07263		mg/Kg		72	70 - 130
Ethylbenzene	<0.00201	U F1	0.101	0.06146	F1	mg/Kg		61	70 - 130
m-Xylene & p-Xylene	<0.00402	U F1	0.202	0.1226	F1	mg/Kg		61	70 - 130
o-Xylene	<0.00201	U F1	0.101	0.07028		mg/Kg		70	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	91		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: 890-3962-41 MSD

Matrix: Solid

Analysis Batch: 45543

Client Sample ID: TP-5 (1)

Prep Type: Total/NA

Prep Batch: 45561

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.0990	0.08448		mg/Kg		85	70 - 130	7	35
Toluene	<0.00201	U	0.0990	0.06912		mg/Kg		70	70 - 130	5	35
Ethylbenzene	<0.00201	U F1	0.0990	0.06336	F1	mg/Kg		64	70 - 130	3	35

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QC Sample Results

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

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

Lab Sample ID: 890-3962-41 MSD

Matrix: Solid

Analysis Batch: 45543

Client Sample ID: TP-5 (1)

Prep Type: Total/NA

Prep Batch: 45561

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00402	U F1	0.198	0.1034	F1	mg/Kg		52	70 - 130	17	35
o-Xylene	<0.00201	U F1	0.0990	0.06755	F1	mg/Kg		68	70 - 130	4	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	100		70 - 130								
1,4-Difluorobenzene (Surr)	107		70 - 130								

Lab Sample ID: MB 880-45604/5-A

Matrix: Solid

Analysis Batch: 45648

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 45604

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/06/23 13:13	02/07/23 10:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/06/23 13:13	02/07/23 10:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/06/23 13:13	02/07/23 10:58	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/06/23 13:13	02/07/23 10:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/06/23 13:13	02/07/23 10:58	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/06/23 13:13	02/07/23 10:58	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	74		70 - 130				02/06/23 13:13	02/07/23 10:58	1
1,4-Difluorobenzene (Surr)	93		70 - 130				02/06/23 13:13	02/07/23 10:58	1

Lab Sample ID: MB 880-45694/5-A

Matrix: Solid

Analysis Batch: 45648

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 45694

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/07/23 12:47	02/07/23 22:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/07/23 12:47	02/07/23 22:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/07/23 12:47	02/07/23 22:42	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/07/23 12:47	02/07/23 22:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/07/23 12:47	02/07/23 22:42	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/07/23 12:47	02/07/23 22:42	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	76		70 - 130				02/07/23 12:47	02/07/23 22:42	1
1,4-Difluorobenzene (Surr)	94		70 - 130				02/07/23 12:47	02/07/23 22:42	1

Lab Sample ID: LCS 880-45694/1-A

Matrix: Solid

Analysis Batch: 45648

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 45694

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09645		mg/Kg		96	70 - 130
Toluene	0.100	0.09813		mg/Kg		98	70 - 130
Ethylbenzene	0.100	0.09878		mg/Kg		99	70 - 130
m-Xylene & p-Xylene	0.200	0.2143		mg/Kg		107	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

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

Lab Sample ID: LCS 880-45694/1-A

Matrix: Solid

Analysis Batch: 45648

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 45694

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.1073		mg/Kg		107	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	113		70 - 130
1,4-Difluorobenzene (Surr)	87		70 - 130

Lab Sample ID: LCSD 880-45694/2-A

Matrix: Solid

Analysis Batch: 45648

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 45694

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1154		mg/Kg		115	70 - 130	18	35
Toluene	0.100	0.09911		mg/Kg		99	70 - 130	1	35
Ethylbenzene	0.100	0.08932		mg/Kg		89	70 - 130	10	35
m-Xylene & p-Xylene	0.200	0.1768		mg/Kg		88	70 - 130	19	35
o-Xylene	0.100	0.08738		mg/Kg		87	70 - 130	20	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	85		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: 880-24368-A-1-G MS

Matrix: Solid

Analysis Batch: 45648

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 45694

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00202	U F2 F1	0.101	0.05813	F1	mg/Kg		58	70 - 130
Toluene	<0.00202	U F2 F1	0.101	0.04554	F1	mg/Kg		45	70 - 130
Ethylbenzene	<0.00202	U F2 F1	0.101	0.04571	F1	mg/Kg		45	70 - 130
m-Xylene & p-Xylene	<0.00403	U F2 F1	0.202	0.07871	F1	mg/Kg		39	70 - 130
o-Xylene	<0.00202	U F1	0.101	0.04457	F1	mg/Kg		44	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	62	S1-	70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-24368-A-1-H MSD

Matrix: Solid

Analysis Batch: 45648

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 45694

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U F2 F1	0.0990	0.03472	F2 F1	mg/Kg		35	70 - 130	50	35
Toluene	<0.00202	U F2 F1	0.0990	0.02843	F2 F1	mg/Kg		29	70 - 130	46	35
Ethylbenzene	<0.00202	U F2 F1	0.0990	0.02963	F2 F1	mg/Kg		30	70 - 130	43	35
m-Xylene & p-Xylene	<0.00403	U F2 F1	0.198	0.05305	F2 F1	mg/Kg		27	70 - 130	39	35
o-Xylene	<0.00202	U F1	0.0990	0.03146	F1	mg/Kg		32	70 - 130	35	35

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QC Sample Results

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

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

Lab Sample ID: 880-24368-A-1-H MSD

Matrix: Solid

Analysis Batch: 45648

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 45694

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	68	S1-	70 - 130
1,4-Difluorobenzene (Surr)	81		70 - 130

Lab Sample ID: MB 880-45702/5-A

Matrix: Solid

Analysis Batch: 45737

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 45702

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/07/23 13:14	02/08/23 11:26	1	
Toluene	<0.00200	U	0.00200		mg/Kg		02/07/23 13:14	02/08/23 11:26	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/07/23 13:14	02/08/23 11:26	1	
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/07/23 13:14	02/08/23 11:26	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/07/23 13:14	02/08/23 11:26	1	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/07/23 13:14	02/08/23 11:26	1	

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
4-Bromofluorobenzene (Surr)	90		70 - 130				02/07/23 13:14	02/08/23 11:26	1	
1,4-Difluorobenzene (Surr)	93		70 - 130				02/07/23 13:14	02/08/23 11:26	1	

Lab Sample ID: LCS 880-45702/1-A

Matrix: Solid

Analysis Batch: 45737

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 45702

	Spike	LCS	LCS					%Rec		
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Benzene	0.100	0.09640		mg/Kg		96	70 - 130			
Toluene	0.100	0.09047		mg/Kg		90	70 - 130			
Ethylbenzene	0.100	0.07860		mg/Kg		79	70 - 130			
m-Xylene & p-Xylene	0.200	0.1564		mg/Kg		78	70 - 130			
o-Xylene	0.100	0.07917		mg/Kg		79	70 - 130			

	LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	84		70 - 130							
1,4-Difluorobenzene (Surr)	95		70 - 130							

Lab Sample ID: LCSD 880-45702/2-A

Matrix: Solid

Analysis Batch: 45737

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 45702

			Spike	LCSD	LCSD						RPD
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene			0.100	0.09815		mg/Kg		98	70 - 130	2	35
Toluene			0.100	0.09182		mg/Kg		92	70 - 130	1	35
Ethylbenzene			0.100	0.08057		mg/Kg		81	70 - 130	2	35
m-Xylene & p-Xylene			0.200	0.1600		mg/Kg		80	70 - 130	2	35
o-Xylene			0.100	0.08143		mg/Kg		81	70 - 130	3	35
			LCSD	LCSD							
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	86		70 - 130								

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QC Sample Results

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

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

Lab Sample ID: LCSD 880-45702/2-A

Matrix: Solid

Analysis Batch: 45737

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 45702

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

Lab Sample ID: 880-24295-A-40-C MS

Matrix: Solid

Analysis Batch: 45737

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 45702

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00202	U	0.100	0.1026		mg/Kg		102	70 - 130	
Toluene	<0.00202	U	0.100	0.09431		mg/Kg		94	70 - 130	
Ethylbenzene	<0.00202	U	0.100	0.08276		mg/Kg		82	70 - 130	
m-Xylene & p-Xylene	<0.00403	U	0.201	0.1635		mg/Kg		81	70 - 130	
o-Xylene	<0.00202	U	0.100	0.08437		mg/Kg		84	70 - 130	

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 880-24295-A-40-D MSD

Matrix: Solid

Analysis Batch: 45737

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 45702

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	<0.00202	U	0.0990	0.09316		mg/Kg		94	70 - 130	10	35	
Toluene	<0.00202	U	0.0990	0.08582		mg/Kg		87	70 - 130	9	35	
Ethylbenzene	<0.00202	U	0.0990	0.07442		mg/Kg		75	70 - 130	11	35	
m-Xylene & p-Xylene	<0.00403	U	0.198	0.1464		mg/Kg		74	70 - 130	11	35	
o-Xylene	<0.00202	U	0.0990	0.07567		mg/Kg		76	70 - 130	11	35	

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	89		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: MB 880-45754/5-A

Matrix: Solid

Analysis Batch: 45738

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 45754

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00200	U	0.00200		mg/Kg		02/08/23 08:59	02/08/23 11:33	1	
Toluene	<0.00200	U	0.00200		mg/Kg		02/08/23 08:59	02/08/23 11:33	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/08/23 08:59	02/08/23 11:33	1	
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/08/23 08:59	02/08/23 11:33	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/08/23 08:59	02/08/23 11:33	1	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/08/23 08:59	02/08/23 11:33	1	

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac				
4-Bromofluorobenzene (Surr)	73		70 - 130	02/08/23 08:59	02/08/23 11:33	1				
1,4-Difluorobenzene (Surr)	93		70 - 130	02/08/23 08:59	02/08/23 11:33	1				

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QC Sample Results

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

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

Lab Sample ID: LCS 880-45754/1-A

Matrix: Solid

Analysis Batch: 45738

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 45754

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08494		mg/Kg		85	70 - 130
Toluene	0.100	0.09649		mg/Kg		96	70 - 130
Ethylbenzene	0.100	0.1117		mg/Kg		112	70 - 130
m-Xylene & p-Xylene	0.200	0.2422		mg/Kg		121	70 - 130
o-Xylene	0.100	0.1214		mg/Kg		121	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	123		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: LCSD 880-45754/2-A

Matrix: Solid

Analysis Batch: 45738

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 45754

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08615		mg/Kg		86	70 - 130	1	35
Toluene	0.100	0.09605		mg/Kg		96	70 - 130	0	35
Ethylbenzene	0.100	0.1085		mg/Kg		109	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2335		mg/Kg		117	70 - 130	4	35
o-Xylene	0.100	0.1156		mg/Kg		116	70 - 130	5	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	119		70 - 130
1,4-Difluorobenzene (Surr)	92		70 - 130

Lab Sample ID: 890-3962-37 MS

Matrix: Solid

Analysis Batch: 45738

Client Sample ID: TP-4 (7)

Prep Type: Total/NA

Prep Batch: 45754

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1018		mg/Kg		101	70 - 130
Toluene	<0.00200	U	0.100	0.09569		mg/Kg		94	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.09895		mg/Kg		98	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.201	0.2089		mg/Kg		103	70 - 130
o-Xylene	<0.00200	U	0.100	0.1047		mg/Kg		103	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 890-3962-37 MSD

Matrix: Solid

Analysis Batch: 45738

Client Sample ID: TP-4 (7)

Prep Type: Total/NA

Prep Batch: 45754

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0990	0.09881		mg/Kg		100	70 - 130	3	35
Toluene	<0.00200	U	0.0990	0.09365		mg/Kg		94	70 - 130	2	35
Ethylbenzene	<0.00200	U	0.0990	0.09559		mg/Kg		96	70 - 130	3	35

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QC Sample Results

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

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

Lab Sample ID: 890-3962-37 MSD

Matrix: Solid

Analysis Batch: 45738

Client Sample ID: TP-4 (7)

Prep Type: Total/NA

Prep Batch: 45754

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00399	U	0.198	0.2016		mg/Kg		101	70 - 130	4	35
o-Xylene	<0.00200	U	0.0990	0.1006		mg/Kg		101	70 - 130	4	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	104		70 - 130								
1,4-Difluorobenzene (Surr)	100		70 - 130								

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

Lab Sample ID: MB 880-45635/1-A

Matrix: Solid

Analysis Batch: 45639

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 45635

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		02/06/23 16:27	02/07/23 08:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/06/23 16:27	02/07/23 08:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/06/23 16:27	02/07/23 08:36	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	134	S1+	70 - 130				02/06/23 16:27	02/07/23 08:36	1
o-Terphenyl	133	S1+	70 - 130				02/06/23 16:27	02/07/23 08:36	1

Lab Sample ID: LCS 880-45635/2-A

Matrix: Solid

Analysis Batch: 45639

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 45635

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	893.0		mg/Kg		89	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	888.5		mg/Kg		89	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane	123		70 - 130						
o-Terphenyl	104		70 - 130						

Lab Sample ID: LCSD 880-45635/3-A

Matrix: Solid

Analysis Batch: 45639

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 45635

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	925.3		mg/Kg		93	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	1000	927.1		mg/Kg		93	70 - 130	4	20

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QC Sample Results

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

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

Lab Sample ID: LCSD 880-45635/3-A

Matrix: Solid

Analysis Batch: 45639

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 45635

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	129		70 - 130
o-Terphenyl	106		70 - 130

Lab Sample ID: 890-3962-1 MS

Matrix: Solid

Analysis Batch: 45639

Client Sample ID: TP-1 (1)

Prep Type: Total/NA

Prep Batch: 45635

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	250		999	1141		mg/Kg		89	70 - 130	
Diesel Range Organics (Over C10-C28)	690		999	1575		mg/Kg		89	70 - 130	
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	120		70 - 130							
o-Terphenyl	91		70 - 130							

Lab Sample ID: 890-3962-1 MSD

Matrix: Solid

Analysis Batch: 45639

Client Sample ID: TP-1 (1)

Prep Type: Total/NA

Prep Batch: 45635

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10	250		998	1329		mg/Kg		108	70 - 130	15	20	
Diesel Range Organics (Over C10-C28)	690		998	1584		mg/Kg		90	70 - 130	1	20	
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	121		70 - 130									
o-Terphenyl	93		70 - 130									

Lab Sample ID: MB 880-45636/1-A

Matrix: Solid

Analysis Batch: 45643

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 45636

	MB	MB									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/06/23 16:31	02/07/23 19:35	1		
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/06/23 16:31	02/07/23 19:35	1		
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/06/23 16:31	02/07/23 19:35	1		
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac		
1-Chlorooctane	107		70 - 130				02/06/23 16:31	02/07/23 19:35	1		
o-Terphenyl	111		70 - 130				02/06/23 16:31	02/07/23 19:35	1		

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QC Sample Results

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

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

Lab Sample ID: LCS 880-45636/2-A

Matrix: Solid

Analysis Batch: 45643

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 45636

Analyte			Spike	LCS	LCS	Unit	D	%Rec	%Rec		
			Added	Result	Qualifier			Limits			
Gasoline Range Organics (GRO)-C6-C10			1000	966.5		mg/Kg		97	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	900.5		mg/Kg		90	70 - 130		

Lab Sample ID: LCSD 880-45636/3-A

Matrix: Solid

Analysis Batch: 45643

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 45636

			Spike	LCSD	LCSD				%Rec	RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10			1000	978.2		mg/Kg		98	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	905.2		mg/Kg		91	70 - 130	1	20
			LCSD	LCSD							
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	94		70 - 130								
o-Terphenyl	97		70 - 130								

Lab Sample ID: 890-3962-21 MS

Matrix: Solid

Analysis Batch: 45643

Client Sample ID: TP-3 (1)

Prep Type: Total/NA

Prep Batch: 45636

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	74.7		998	967.6		mg/Kg		89	70 - 130		
Diesel Range Organics (Over C10-C28)	162		998	1045		mg/Kg		89	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	97		70 - 130								
o-Terphenyl	95		70 - 130								

Lab Sample ID: 890-3962-21 MSD

Matrix: Solid

Analysis Batch: 45643

Client Sample ID: TP-3 (1)

Prep Type: Total/NA

Prep Batch: 45636

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		Limit
Gasoline Range Organics (GRO)-C6-C10	74.7		999	1090		mg/Kg		102	70 - 130	12	20
Diesel Range Organics (Over C10-C28)	162		999	1028		mg/Kg		87	70 - 130	2	20

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QC Sample Results

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

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

Lab Sample ID: 890-3962-21 MSD

Matrix: Solid

Analysis Batch: 45643

Client Sample ID: TP-3 (1)

Prep Type: Total/NA

Prep Batch: 45636

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	93		70 - 130

Lab Sample ID: MB 880-45637/1-A

Matrix: Solid

Analysis Batch: 45645

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 45637

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/06/23 16:34	02/07/23 19:35	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/06/23 16:34	02/07/23 19:35	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/06/23 16:34	02/07/23 19:35	1	
	MB	MB								
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
1-Chlorooctane	109		70 - 130				02/06/23 16:34	02/07/23 19:35	1	
<i>o</i> -Terphenyl	124		70 - 130				02/06/23 16:34	02/07/23 19:35	1	

Lab Sample ID: LCS 880-45637/2-A

Matrix: Solid

Analysis Batch: 45645

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 45637

		Spike	LCS	LCS				%Rec		
Analyte		Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10		999	868.1		mg/Kg		87	70 - 130		
Diesel Range Organics (Over C10-C28)		999	838.1		mg/Kg		84	70 - 130		
	LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	99		70 - 130							
<i>o</i> -Terphenyl	106		70 - 130							

Lab Sample ID: LCSD 880-45637/3-A

Matrix: Solid

Analysis Batch: 45645

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 45637

			Spike	LCSD	LCSD				%Rec	RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10			1000	857.2		mg/Kg		86	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	864.9		mg/Kg		86	70 - 130	3	20
			LCSD	LCSD							
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	96		70 - 130								
o-Terphenyl	102		70 - 130								

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QC Sample Results

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

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

Lab Sample ID: 890-3962-41 MS

Matrix: Solid

Analysis Batch: 45645

Client Sample ID: TP-5 (1)

Prep Type: Total/NA

Prep Batch: 45637

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	998	934.8		mg/Kg		94	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	998	979.6		mg/Kg		96	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	99		70 - 130						
o-Terphenyl	101		70 - 130						

Lab Sample ID: 890-3962-41 MSD

Matrix: Solid

Analysis Batch: 45645

Client Sample ID: TP-5 (1)

Prep Type: Total/NA

Prep Batch: 45637

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	999	1049		mg/Kg		105	70 - 130	12	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	1112		mg/Kg		109	70 - 130	13	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	116		70 - 130								
o-Terphenyl	114		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-44975/1-A

Matrix: Solid

Analysis Batch: 45158

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			01/31/23 10:51	1

Lab Sample ID: LCS 880-44975/2-A

Matrix: Solid

Analysis Batch: 45158

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

Lab Sample ID: LCSD 880-44975/3-A

Matrix: Solid

Analysis Batch: 45158

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	250.2		mg/Kg		100	90 - 110	3	20

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QC Sample Results

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-24111-A-8-B MS

Matrix: Solid

Analysis Batch: 45158

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	564	F1	250	805.0		mg/Kg		96	90 - 110

Lab Sample ID: 880-24111-A-8-C MSD

Matrix: Solid

Analysis Batch: 45158

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	564	F1	250	786.3	F1	mg/Kg		89	90 - 110	2	20

Lab Sample ID: MB 880-45091/1-A

Matrix: Solid

Analysis Batch: 45159

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			01/31/23 11:28	1

Lab Sample ID: LCS 880-45091/2-A

Matrix: Solid

Analysis Batch: 45159

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	242.5		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 880-45091/3-A

Matrix: Solid

Analysis Batch: 45159

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	242.2		mg/Kg		97	90 - 110	0	20

Lab Sample ID: 890-3962-13 MS

Matrix: Solid

Analysis Batch: 45159

Client Sample ID: TP-2 (3)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	17.0		249	271.0		mg/Kg		102	90 - 110

Lab Sample ID: 890-3962-13 MSD

Matrix: Solid

Analysis Batch: 45159

Client Sample ID: TP-2 (3)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	17.0		249	272.0		mg/Kg		102	90 - 110	0	20

Lab Sample ID: 890-3962-23 MS

Matrix: Solid

Analysis Batch: 45159

Client Sample ID: TP-3 (3)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	22.6		249	290.5		mg/Kg		108	90 - 110

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QC Sample Results

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-3962-23 MSD

Matrix: Solid

Analysis Batch: 45159

Client Sample ID: TP-3 (3)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	22.6		249	290.6		mg/Kg		108	90 - 110	0	20

Lab Sample ID: MB 880-45079/1-A

Matrix: Solid

Analysis Batch: 45160

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			01/31/23 15:06	1

Lab Sample ID: LCS 880-45079/2-A

Matrix: Solid

Analysis Batch: 45160

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	210.4	*-	mg/Kg		84	90 - 110

Lab Sample ID: LCSD 880-45079/3-A

Matrix: Solid

Analysis Batch: 45160

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	253.1		mg/Kg		101	90 - 110	18	20

Lab Sample ID: 890-3962-36 MS

Matrix: Solid

Analysis Batch: 45160

Client Sample ID: TP-4 (6)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	7.38	*-	251	272.3		mg/Kg		106	90 - 110

Lab Sample ID: 890-3962-36 MSD

Matrix: Solid

Analysis Batch: 45160

Client Sample ID: TP-4 (6)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	7.38	*-	251	258.4		mg/Kg		100	90 - 110	5	20

Lab Sample ID: 890-3962-46 MS

Matrix: Solid

Analysis Batch: 45160

Client Sample ID: TP-5 (6)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	23.5	*-	249	287.4		mg/Kg		106	90 - 110

Lab Sample ID: 890-3962-46 MSD

Matrix: Solid

Analysis Batch: 45160

Client Sample ID: TP-5 (6)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	23.5	*-	249	279.8		mg/Kg		103	90 - 110	3	20

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QC Sample Results

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-45088/1-A

Matrix: Solid

Analysis Batch: 45161

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			01/31/23 15:16	1

Lab Sample ID: LCS 880-45088/2-A

Matrix: Solid

Analysis Batch: 45161

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	253.8		mg/Kg		102	90 - 110

Lab Sample ID: LCSD 880-45088/3-A

Matrix: Solid

Analysis Batch: 45161

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	253.2		mg/Kg		101	90 - 110	0	20

Lab Sample ID: 890-3962-3 MS

Matrix: Solid

Analysis Batch: 45161

Client Sample ID: TP-1 (3)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	134		249	388.8		mg/Kg		102	90 - 110

Lab Sample ID: 890-3962-3 MSD

Matrix: Solid

Analysis Batch: 45161

Client Sample ID: TP-1 (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	388.5		mg/Kg		102	90 - 110	0	20

Lab Sample ID: MB 880-45078/1-A

Matrix: Solid

Analysis Batch: 45243

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			02/01/23 13:13	1

Lab Sample ID: LCS 880-45078/2-A

Matrix: Solid

Analysis Batch: 45243

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	252.0		mg/Kg		101	90 - 110

Lab Sample ID: LCSD 880-45078/3-A

Matrix: Solid

Analysis Batch: 45243

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

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QC Sample Results

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-3962-56 MS

Client Sample ID: H-6 (0-0.5")

Matrix: Solid

Prep Type: Soluble

Analysis Batch: 45243

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<5.01	U	251	258.2		mg/Kg		103	90 - 110

Lab Sample ID: 890-3962-56 MSD

Client Sample ID: H-6 (0-0.5")

Matrix: Solid

Prep Type: Soluble

Analysis Batch: 45243

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<5.01	U	251	258.9		mg/Kg		103	90 - 110	0	20

QC Association Summary

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

GC VOA

Prep Batch: 44923

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-44923/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 45543

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3962-41	TP-5 (1)	Total/NA	Solid	8021B	45561
890-3962-42	TP-5 (2)	Total/NA	Solid	8021B	45561
890-3962-43	TP-5 (3)	Total/NA	Solid	8021B	45561
890-3962-44	TP-5 (4)	Total/NA	Solid	8021B	45561
890-3962-45	TP-5 (5)	Total/NA	Solid	8021B	45561
890-3962-46	TP-5 (6)	Total/NA	Solid	8021B	45561
890-3962-47	TP-5 (7)	Total/NA	Solid	8021B	45561
890-3962-48	TP-5 (8)	Total/NA	Solid	8021B	45561
890-3962-49	TP-5 (9)	Total/NA	Solid	8021B	45561
890-3962-50	TP-5 (10)	Total/NA	Solid	8021B	45561
890-3962-51	H-1 (0-0.5')	Total/NA	Solid	8021B	45561
890-3962-52	H-2 (0-0.5')	Total/NA	Solid	8021B	45561
890-3962-53	H-3 (0-0.5")	Total/NA	Solid	8021B	45561
890-3962-54	H-4 (0-0.5')	Total/NA	Solid	8021B	45561
890-3962-55	H-5 (0-0.5')	Total/NA	Solid	8021B	45561
890-3962-56	H-6 (0-0.5")	Total/NA	Solid	8021B	45561
890-3962-57	H-7 (0-0.5')	Total/NA	Solid	8021B	45561
890-3962-58	H-8 (0-0.5')	Total/NA	Solid	8021B	45561
890-3962-59	H-9 (0-0.5')	Total/NA	Solid	8021B	45561
890-3962-60	H-10 (0-0.5')	Total/NA	Solid	8021B	45561
MB 880-45550/5-A	Method Blank	Total/NA	Solid	8021B	45550
MB 880-45561/5-A	Method Blank	Total/NA	Solid	8021B	45561
LCS 880-45561/1-A	Lab Control Sample	Total/NA	Solid	8021B	45561
LCSD 880-45561/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	45561
890-3962-41 MS	TP-5 (1)	Total/NA	Solid	8021B	45561
890-3962-41 MSD	TP-5 (1)	Total/NA	Solid	8021B	45561

Analysis Batch: 45546

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3962-1	TP-1 (1)	Total/NA	Solid	8021B	45559
890-3962-2	TP-1 (2)	Total/NA	Solid	8021B	45559
890-3962-3	TP-1 (3)	Total/NA	Solid	8021B	45559
890-3962-4	TP-1 (4)	Total/NA	Solid	8021B	45559
890-3962-5	TP-1 (5)	Total/NA	Solid	8021B	45559
890-3962-6	TP-1 (6)	Total/NA	Solid	8021B	45559
890-3962-7	TP-1 (7)	Total/NA	Solid	8021B	45559
890-3962-8	TP-1 (8)	Total/NA	Solid	8021B	45559
890-3962-9	TP-1 (9)	Total/NA	Solid	8021B	45559
890-3962-10	TP-1 (10)	Total/NA	Solid	8021B	45559
890-3962-11	TP-2 (1)	Total/NA	Solid	8021B	45559
890-3962-12	TP-2 (2)	Total/NA	Solid	8021B	45559
890-3962-13	TP-2 (3)	Total/NA	Solid	8021B	45559
890-3962-14	TP-2 (4)	Total/NA	Solid	8021B	45559
890-3962-15	TP-2 (5)	Total/NA	Solid	8021B	45559
890-3962-16	TP-2 (6)	Total/NA	Solid	8021B	45559
890-3962-17	TP-2 (7)	Total/NA	Solid	8021B	45559
890-3962-18	TP-2 (8)	Total/NA	Solid	8021B	45559

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QC Association Summary

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

GC VOA (Continued)

Analysis Batch: 45546 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3962-19	TP-2 (9)	Total/NA	Solid	8021B	45559
890-3962-20	TP-2 (10)	Total/NA	Solid	8021B	45559
MB 880-44923/5-A	Method Blank	Total/NA	Solid	8021B	44923
MB 880-45559/5-A	Method Blank	Total/NA	Solid	8021B	45559
LCS 880-45559/1-A	Lab Control Sample	Total/NA	Solid	8021B	45559
LCSD 880-45559/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	45559
890-3962-2 MS	TP-1 (2)	Total/NA	Solid	8021B	45559
890-3962-2 MSD	TP-1 (2)	Total/NA	Solid	8021B	45559

Prep Batch: 45550

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-45550/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 45559

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3962-1	TP-1 (1)	Total/NA	Solid	5035	
890-3962-2	TP-1 (2)	Total/NA	Solid	5035	
890-3962-3	TP-1 (3)	Total/NA	Solid	5035	
890-3962-4	TP-1 (4)	Total/NA	Solid	5035	
890-3962-5	TP-1 (5)	Total/NA	Solid	5035	
890-3962-6	TP-1 (6)	Total/NA	Solid	5035	
890-3962-7	TP-1 (7)	Total/NA	Solid	5035	
890-3962-8	TP-1 (8)	Total/NA	Solid	5035	
890-3962-9	TP-1 (9)	Total/NA	Solid	5035	
890-3962-10	TP-1 (10)	Total/NA	Solid	5035	
890-3962-11	TP-2 (1)	Total/NA	Solid	5035	
890-3962-12	TP-2 (2)	Total/NA	Solid	5035	
890-3962-13	TP-2 (3)	Total/NA	Solid	5035	
890-3962-14	TP-2 (4)	Total/NA	Solid	5035	
890-3962-15	TP-2 (5)	Total/NA	Solid	5035	
890-3962-16	TP-2 (6)	Total/NA	Solid	5035	
890-3962-17	TP-2 (7)	Total/NA	Solid	5035	
890-3962-18	TP-2 (8)	Total/NA	Solid	5035	
890-3962-19	TP-2 (9)	Total/NA	Solid	5035	
890-3962-20	TP-2 (10)	Total/NA	Solid	5035	
MB 880-45559/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-45559/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-45559/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-3962-2 MS	TP-1 (2)	Total/NA	Solid	5035	
890-3962-2 MSD	TP-1 (2)	Total/NA	Solid	5035	

Prep Batch: 45560

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3962-21	TP-3 (1)	Total/NA	Solid	5035	
890-3962-22	TP-3 (2)	Total/NA	Solid	5035	
890-3962-23	TP-3 (3)	Total/NA	Solid	5035	
890-3962-24	TP-3 (4)	Total/NA	Solid	5035	
890-3962-25	TP-3 (5)	Total/NA	Solid	5035	
890-3962-26	TP-3 (6)	Total/NA	Solid	5035	
890-3962-27	TP-3 (7)	Total/NA	Solid	5035	
890-3962-28	TP-3 (8)	Total/NA	Solid	5035	

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QC Association Summary

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

GC VOA (Continued)

Prep Batch: 45560 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3962-29	TP-3 (9)	Total/NA	Solid	5035	
890-3962-30	TP-3 (10)	Total/NA	Solid	5035	
MB 880-45560/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-45560/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-45560/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-3962-23 MS	TP-3 (3)	Total/NA	Solid	5035	
890-3962-23 MSD	TP-3 (3)	Total/NA	Solid	5035	

Prep Batch: 45561

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3962-41	TP-5 (1)	Total/NA	Solid	5035	
890-3962-42	TP-5 (2)	Total/NA	Solid	5035	
890-3962-43	TP-5 (3)	Total/NA	Solid	5035	
890-3962-44	TP-5 (4)	Total/NA	Solid	5035	
890-3962-45	TP-5 (5)	Total/NA	Solid	5035	
890-3962-46	TP-5 (6)	Total/NA	Solid	5035	
890-3962-47	TP-5 (7)	Total/NA	Solid	5035	
890-3962-48	TP-5 (8)	Total/NA	Solid	5035	
890-3962-49	TP-5 (9)	Total/NA	Solid	5035	
890-3962-50	TP-5 (10)	Total/NA	Solid	5035	
890-3962-51	H-1 (0-0.5')	Total/NA	Solid	5035	
890-3962-52	H-2 (0-0.5')	Total/NA	Solid	5035	
890-3962-53	H-3 (0-0.5")	Total/NA	Solid	5035	
890-3962-54	H-4 (0-0.5')	Total/NA	Solid	5035	
890-3962-55	H-5 (0-0.5')	Total/NA	Solid	5035	
890-3962-56	H-6 (0-0.5")	Total/NA	Solid	5035	
890-3962-57	H-7 (0-0.5')	Total/NA	Solid	5035	
890-3962-58	H-8 (0-0.5')	Total/NA	Solid	5035	
890-3962-59	H-9 (0-0.5')	Total/NA	Solid	5035	
890-3962-60	H-10 (0-0.5')	Total/NA	Solid	5035	
MB 880-45561/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-45561/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-45561/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-3962-41 MS	TP-5 (1)	Total/NA	Solid	5035	
890-3962-41 MSD	TP-5 (1)	Total/NA	Solid	5035	

Prep Batch: 45604

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-45604/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 45648

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3962-1	TP-1 (1)	Total/NA	Solid	8021B	45694
890-3962-11	TP-2 (1)	Total/NA	Solid	8021B	45694
MB 880-45604/5-A	Method Blank	Total/NA	Solid	8021B	45604
MB 880-45694/5-A	Method Blank	Total/NA	Solid	8021B	45694
LCS 880-45694/1-A	Lab Control Sample	Total/NA	Solid	8021B	45694
LCSD 880-45694/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	45694
880-24368-A-1-G MS	Matrix Spike	Total/NA	Solid	8021B	45694
880-24368-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	45694

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QC Association Summary

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

GC VOA

Analysis Batch: 45650

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3962-21	TP-3 (1)	Total/NA	Solid	8021B	45560
890-3962-22	TP-3 (2)	Total/NA	Solid	8021B	45560
890-3962-23	TP-3 (3)	Total/NA	Solid	8021B	45560
890-3962-24	TP-3 (4)	Total/NA	Solid	8021B	45560
890-3962-25	TP-3 (5)	Total/NA	Solid	8021B	45560
890-3962-26	TP-3 (6)	Total/NA	Solid	8021B	45560
890-3962-27	TP-3 (7)	Total/NA	Solid	8021B	45560
890-3962-28	TP-3 (8)	Total/NA	Solid	8021B	45560
890-3962-29	TP-3 (9)	Total/NA	Solid	8021B	45560
890-3962-30	TP-3 (10)	Total/NA	Solid	8021B	45560
MB 880-45560/5-A	Method Blank	Total/NA	Solid	8021B	45560
LCS 880-45560/1-A	Lab Control Sample	Total/NA	Solid	8021B	45560
LCSD 880-45560/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	45560
890-3962-23 MS	TP-3 (3)	Total/NA	Solid	8021B	45560
890-3962-23 MSD	TP-3 (3)	Total/NA	Solid	8021B	45560

Analysis Batch: 45659

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3962-1	TP-1 (1)	Total/NA	Solid	Total BTEX	
890-3962-2	TP-1 (2)	Total/NA	Solid	Total BTEX	
890-3962-3	TP-1 (3)	Total/NA	Solid	Total BTEX	
890-3962-4	TP-1 (4)	Total/NA	Solid	Total BTEX	
890-3962-5	TP-1 (5)	Total/NA	Solid	Total BTEX	
890-3962-6	TP-1 (6)	Total/NA	Solid	Total BTEX	
890-3962-7	TP-1 (7)	Total/NA	Solid	Total BTEX	
890-3962-8	TP-1 (8)	Total/NA	Solid	Total BTEX	
890-3962-9	TP-1 (9)	Total/NA	Solid	Total BTEX	
890-3962-10	TP-1 (10)	Total/NA	Solid	Total BTEX	
890-3962-11	TP-2 (1)	Total/NA	Solid	Total BTEX	
890-3962-12	TP-2 (2)	Total/NA	Solid	Total BTEX	
890-3962-13	TP-2 (3)	Total/NA	Solid	Total BTEX	
890-3962-14	TP-2 (4)	Total/NA	Solid	Total BTEX	
890-3962-15	TP-2 (5)	Total/NA	Solid	Total BTEX	
890-3962-16	TP-2 (6)	Total/NA	Solid	Total BTEX	
890-3962-17	TP-2 (7)	Total/NA	Solid	Total BTEX	
890-3962-18	TP-2 (8)	Total/NA	Solid	Total BTEX	
890-3962-19	TP-2 (9)	Total/NA	Solid	Total BTEX	
890-3962-20	TP-2 (10)	Total/NA	Solid	Total BTEX	
890-3962-21	TP-3 (1)	Total/NA	Solid	Total BTEX	
890-3962-22	TP-3 (2)	Total/NA	Solid	Total BTEX	
890-3962-23	TP-3 (3)	Total/NA	Solid	Total BTEX	
890-3962-24	TP-3 (4)	Total/NA	Solid	Total BTEX	
890-3962-25	TP-3 (5)	Total/NA	Solid	Total BTEX	
890-3962-26	TP-3 (6)	Total/NA	Solid	Total BTEX	
890-3962-27	TP-3 (7)	Total/NA	Solid	Total BTEX	
890-3962-28	TP-3 (8)	Total/NA	Solid	Total BTEX	
890-3962-29	TP-3 (9)	Total/NA	Solid	Total BTEX	
890-3962-30	TP-3 (10)	Total/NA	Solid	Total BTEX	
890-3962-31	TP-4 (1)	Total/NA	Solid	Total BTEX	
890-3962-32	TP-4 (2)	Total/NA	Solid	Total BTEX	
890-3962-33	TP-4 (3)	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

GC VOA (Continued)

Analysis Batch: 45659 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3962-34	TP-4 (4)	Total/NA	Solid	Total BTEX	
890-3962-35	TP-4 (5)	Total/NA	Solid	Total BTEX	
890-3962-36	TP-4 (6)	Total/NA	Solid	Total BTEX	
890-3962-37	TP-4 (7)	Total/NA	Solid	Total BTEX	
890-3962-38	TP-4 (8)	Total/NA	Solid	Total BTEX	
890-3962-39	TP-4 (9)	Total/NA	Solid	Total BTEX	
890-3962-40	TP-4 (10)	Total/NA	Solid	Total BTEX	
890-3962-41	TP-5 (1)	Total/NA	Solid	Total BTEX	
890-3962-42	TP-5 (2)	Total/NA	Solid	Total BTEX	
890-3962-43	TP-5 (3)	Total/NA	Solid	Total BTEX	
890-3962-44	TP-5 (4)	Total/NA	Solid	Total BTEX	
890-3962-45	TP-5 (5)	Total/NA	Solid	Total BTEX	
890-3962-46	TP-5 (6)	Total/NA	Solid	Total BTEX	
890-3962-47	TP-5 (7)	Total/NA	Solid	Total BTEX	
890-3962-48	TP-5 (8)	Total/NA	Solid	Total BTEX	
890-3962-49	TP-5 (9)	Total/NA	Solid	Total BTEX	
890-3962-50	TP-5 (10)	Total/NA	Solid	Total BTEX	
890-3962-51	H-1 (0-0.5')	Total/NA	Solid	Total BTEX	
890-3962-52	H-2 (0-0.5')	Total/NA	Solid	Total BTEX	
890-3962-53	H-3 (0-0.5")	Total/NA	Solid	Total BTEX	
890-3962-54	H-4 (0-0.5')	Total/NA	Solid	Total BTEX	
890-3962-55	H-5 (0-0.5')	Total/NA	Solid	Total BTEX	
890-3962-56	H-6 (0-0.5")	Total/NA	Solid	Total BTEX	
890-3962-57	H-7 (0-0.5')	Total/NA	Solid	Total BTEX	
890-3962-58	H-8 (0-0.5')	Total/NA	Solid	Total BTEX	
890-3962-59	H-9 (0-0.5')	Total/NA	Solid	Total BTEX	
890-3962-60	H-10 (0-0.5')	Total/NA	Solid	Total BTEX	

Prep Batch: 45694

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3962-1	TP-1 (1)	Total/NA	Solid	5035	
890-3962-11	TP-2 (1)	Total/NA	Solid	5035	
MB 880-45694/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-45694/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-45694/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-24368-A-1-G MS	Matrix Spike	Total/NA	Solid	5035	
880-24368-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 45702

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3962-22	TP-3 (2)	Total/NA	Solid	5035	
890-3962-34	TP-4 (4)	Total/NA	Solid	5035	
MB 880-45702/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-45702/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-45702/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-24295-A-40-C MS	Matrix Spike	Total/NA	Solid	5035	
880-24295-A-40-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 45737

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3962-22	TP-3 (2)	Total/NA	Solid	8021B	45702

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QC Association Summary

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

GC VOA (Continued)

Analysis Batch: 45737 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3962-34	TP-4 (4)	Total/NA	Solid	8021B	45702
MB 880-45702/5-A	Method Blank	Total/NA	Solid	8021B	45702
LCS 880-45702/1-A	Lab Control Sample	Total/NA	Solid	8021B	45702
LCSD 880-45702/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	45702
880-24295-A-40-C MS	Matrix Spike	Total/NA	Solid	8021B	45702
880-24295-A-40-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	45702

Analysis Batch: 45738

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3962-31	TP-4 (1)	Total/NA	Solid	8021B	45754
890-3962-32	TP-4 (2)	Total/NA	Solid	8021B	45754
890-3962-33	TP-4 (3)	Total/NA	Solid	8021B	45754
890-3962-34	TP-4 (4)	Total/NA	Solid	8021B	45754
890-3962-35	TP-4 (5)	Total/NA	Solid	8021B	45754
890-3962-36	TP-4 (6)	Total/NA	Solid	8021B	45754
890-3962-37	TP-4 (7)	Total/NA	Solid	8021B	45754
890-3962-38	TP-4 (8)	Total/NA	Solid	8021B	45754
890-3962-39	TP-4 (9)	Total/NA	Solid	8021B	45754
890-3962-40	TP-4 (10)	Total/NA	Solid	8021B	45754
MB 880-45754/5-A	Method Blank	Total/NA	Solid	8021B	45754
LCS 880-45754/1-A	Lab Control Sample	Total/NA	Solid	8021B	45754
LCSD 880-45754/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	45754
890-3962-37 MS	TP-4 (7)	Total/NA	Solid	8021B	45754
890-3962-37 MSD	TP-4 (7)	Total/NA	Solid	8021B	45754

Prep Batch: 45754

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3962-31	TP-4 (1)	Total/NA	Solid	5035	
890-3962-32	TP-4 (2)	Total/NA	Solid	5035	
890-3962-33	TP-4 (3)	Total/NA	Solid	5035	
890-3962-34	TP-4 (4)	Total/NA	Solid	5035	
890-3962-35	TP-4 (5)	Total/NA	Solid	5035	
890-3962-36	TP-4 (6)	Total/NA	Solid	5035	
890-3962-37	TP-4 (7)	Total/NA	Solid	5035	
890-3962-38	TP-4 (8)	Total/NA	Solid	5035	
890-3962-39	TP-4 (9)	Total/NA	Solid	5035	
890-3962-40	TP-4 (10)	Total/NA	Solid	5035	
MB 880-45754/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-45754/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-45754/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-3962-37 MS	TP-4 (7)	Total/NA	Solid	5035	
890-3962-37 MSD	TP-4 (7)	Total/NA	Solid	5035	

GC Semi VOA

Prep Batch: 45635

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3962-1	TP-1 (1)	Total/NA	Solid	8015NM Prep	
890-3962-2	TP-1 (2)	Total/NA	Solid	8015NM Prep	
890-3962-3	TP-1 (3)	Total/NA	Solid	8015NM Prep	
890-3962-4	TP-1 (4)	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

GC Semi VOA (Continued)

Prep Batch: 45635 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3962-5	TP-1 (5)	Total/NA	Solid	8015NM Prep	
890-3962-6	TP-1 (6)	Total/NA	Solid	8015NM Prep	
890-3962-7	TP-1 (7)	Total/NA	Solid	8015NM Prep	
890-3962-8	TP-1 (8)	Total/NA	Solid	8015NM Prep	
890-3962-9	TP-1 (9)	Total/NA	Solid	8015NM Prep	
890-3962-10	TP-1 (10)	Total/NA	Solid	8015NM Prep	
890-3962-11	TP-2 (1)	Total/NA	Solid	8015NM Prep	
890-3962-12	TP-2 (2)	Total/NA	Solid	8015NM Prep	
890-3962-13	TP-2 (3)	Total/NA	Solid	8015NM Prep	
890-3962-14	TP-2 (4)	Total/NA	Solid	8015NM Prep	
890-3962-15	TP-2 (5)	Total/NA	Solid	8015NM Prep	
890-3962-16	TP-2 (6)	Total/NA	Solid	8015NM Prep	
890-3962-17	TP-2 (7)	Total/NA	Solid	8015NM Prep	
890-3962-18	TP-2 (8)	Total/NA	Solid	8015NM Prep	
890-3962-19	TP-2 (9)	Total/NA	Solid	8015NM Prep	
890-3962-20	TP-2 (10)	Total/NA	Solid	8015NM Prep	
MB 880-45635/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-45635/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-45635/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-3962-1 MS	TP-1 (1)	Total/NA	Solid	8015NM Prep	
890-3962-1 MSD	TP-1 (1)	Total/NA	Solid	8015NM Prep	

Prep Batch: 45636

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3962-21	TP-3 (1)	Total/NA	Solid	8015NM Prep	
890-3962-22	TP-3 (2)	Total/NA	Solid	8015NM Prep	
890-3962-23	TP-3 (3)	Total/NA	Solid	8015NM Prep	
890-3962-24	TP-3 (4)	Total/NA	Solid	8015NM Prep	
890-3962-25	TP-3 (5)	Total/NA	Solid	8015NM Prep	
890-3962-26	TP-3 (6)	Total/NA	Solid	8015NM Prep	
890-3962-27	TP-3 (7)	Total/NA	Solid	8015NM Prep	
890-3962-28	TP-3 (8)	Total/NA	Solid	8015NM Prep	
890-3962-29	TP-3 (9)	Total/NA	Solid	8015NM Prep	
890-3962-30	TP-3 (10)	Total/NA	Solid	8015NM Prep	
890-3962-31	TP-4 (1)	Total/NA	Solid	8015NM Prep	
890-3962-32	TP-4 (2)	Total/NA	Solid	8015NM Prep	
890-3962-33	TP-4 (3)	Total/NA	Solid	8015NM Prep	
890-3962-34	TP-4 (4)	Total/NA	Solid	8015NM Prep	
890-3962-35	TP-4 (5)	Total/NA	Solid	8015NM Prep	
890-3962-36	TP-4 (6)	Total/NA	Solid	8015NM Prep	
890-3962-37	TP-4 (7)	Total/NA	Solid	8015NM Prep	
890-3962-38	TP-4 (8)	Total/NA	Solid	8015NM Prep	
890-3962-39	TP-4 (9)	Total/NA	Solid	8015NM Prep	
890-3962-40	TP-4 (10)	Total/NA	Solid	8015NM Prep	
MB 880-45636/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-45636/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-45636/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-3962-21 MS	TP-3 (1)	Total/NA	Solid	8015NM Prep	
890-3962-21 MSD	TP-3 (1)	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

GC Semi VOA

Prep Batch: 45637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3962-41	TP-5 (1)	Total/NA	Solid	8015NM Prep	
890-3962-42	TP-5 (2)	Total/NA	Solid	8015NM Prep	
890-3962-43	TP-5 (3)	Total/NA	Solid	8015NM Prep	
890-3962-44	TP-5 (4)	Total/NA	Solid	8015NM Prep	
890-3962-45	TP-5 (5)	Total/NA	Solid	8015NM Prep	
890-3962-46	TP-5 (6)	Total/NA	Solid	8015NM Prep	
890-3962-47	TP-5 (7)	Total/NA	Solid	8015NM Prep	
890-3962-48	TP-5 (8)	Total/NA	Solid	8015NM Prep	
890-3962-49	TP-5 (9)	Total/NA	Solid	8015NM Prep	
890-3962-50	TP-5 (10)	Total/NA	Solid	8015NM Prep	
890-3962-51	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
890-3962-52	H-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
890-3962-53	H-3 (0-0.5")	Total/NA	Solid	8015NM Prep	
890-3962-54	H-4 (0-0.5')	Total/NA	Solid	8015NM Prep	
890-3962-55	H-5 (0-0.5')	Total/NA	Solid	8015NM Prep	
890-3962-56	H-6 (0-0.5")	Total/NA	Solid	8015NM Prep	
890-3962-57	H-7 (0-0.5')	Total/NA	Solid	8015NM Prep	
890-3962-58	H-8 (0-0.5')	Total/NA	Solid	8015NM Prep	
890-3962-59	H-9 (0-0.5')	Total/NA	Solid	8015NM Prep	
890-3962-60	H-10 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-45637/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-45637/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-45637/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-3962-41 MS	TP-5 (1)	Total/NA	Solid	8015NM Prep	
890-3962-41 MSD	TP-5 (1)	Total/NA	Solid	8015NM Prep	

Analysis Batch: 45639

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3962-1	TP-1 (1)	Total/NA	Solid	8015B NM	45635
890-3962-2	TP-1 (2)	Total/NA	Solid	8015B NM	45635
890-3962-3	TP-1 (3)	Total/NA	Solid	8015B NM	45635
890-3962-4	TP-1 (4)	Total/NA	Solid	8015B NM	45635
890-3962-5	TP-1 (5)	Total/NA	Solid	8015B NM	45635
890-3962-6	TP-1 (6)	Total/NA	Solid	8015B NM	45635
890-3962-7	TP-1 (7)	Total/NA	Solid	8015B NM	45635
890-3962-8	TP-1 (8)	Total/NA	Solid	8015B NM	45635
890-3962-9	TP-1 (9)	Total/NA	Solid	8015B NM	45635
890-3962-10	TP-1 (10)	Total/NA	Solid	8015B NM	45635
890-3962-11	TP-2 (1)	Total/NA	Solid	8015B NM	45635
890-3962-12	TP-2 (2)	Total/NA	Solid	8015B NM	45635
890-3962-13	TP-2 (3)	Total/NA	Solid	8015B NM	45635
890-3962-14	TP-2 (4)	Total/NA	Solid	8015B NM	45635
890-3962-15	TP-2 (5)	Total/NA	Solid	8015B NM	45635
890-3962-16	TP-2 (6)	Total/NA	Solid	8015B NM	45635
890-3962-17	TP-2 (7)	Total/NA	Solid	8015B NM	45635
890-3962-18	TP-2 (8)	Total/NA	Solid	8015B NM	45635
890-3962-19	TP-2 (9)	Total/NA	Solid	8015B NM	45635
890-3962-20	TP-2 (10)	Total/NA	Solid	8015B NM	45635
MB 880-45635/1-A	Method Blank	Total/NA	Solid	8015B NM	45635
LCS 880-45635/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	45635
LCSD 880-45635/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	45635

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QC Association Summary

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

GC Semi VOA (Continued)

Analysis Batch: 45639 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3962-1 MS	TP-1 (1)	Total/NA	Solid	8015B NM	45635
890-3962-1 MSD	TP-1 (1)	Total/NA	Solid	8015B NM	45635

Analysis Batch: 45643

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3962-21	TP-3 (1)	Total/NA	Solid	8015B NM	45636
890-3962-22	TP-3 (2)	Total/NA	Solid	8015B NM	45636
890-3962-23	TP-3 (3)	Total/NA	Solid	8015B NM	45636
890-3962-24	TP-3 (4)	Total/NA	Solid	8015B NM	45636
890-3962-25	TP-3 (5)	Total/NA	Solid	8015B NM	45636
890-3962-26	TP-3 (6)	Total/NA	Solid	8015B NM	45636
890-3962-27	TP-3 (7)	Total/NA	Solid	8015B NM	45636
890-3962-28	TP-3 (8)	Total/NA	Solid	8015B NM	45636
890-3962-29	TP-3 (9)	Total/NA	Solid	8015B NM	45636
890-3962-30	TP-3 (10)	Total/NA	Solid	8015B NM	45636
890-3962-31	TP-4 (1)	Total/NA	Solid	8015B NM	45636
890-3962-32	TP-4 (2)	Total/NA	Solid	8015B NM	45636
890-3962-33	TP-4 (3)	Total/NA	Solid	8015B NM	45636
890-3962-34	TP-4 (4)	Total/NA	Solid	8015B NM	45636
890-3962-35	TP-4 (5)	Total/NA	Solid	8015B NM	45636
890-3962-36	TP-4 (6)	Total/NA	Solid	8015B NM	45636
890-3962-37	TP-4 (7)	Total/NA	Solid	8015B NM	45636
890-3962-38	TP-4 (8)	Total/NA	Solid	8015B NM	45636
890-3962-39	TP-4 (9)	Total/NA	Solid	8015B NM	45636
890-3962-40	TP-4 (10)	Total/NA	Solid	8015B NM	45636
MB 880-45636/1-A	Method Blank	Total/NA	Solid	8015B NM	45636
LCS 880-45636/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	45636
LCSD 880-45636/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	45636
890-3962-21 MS	TP-3 (1)	Total/NA	Solid	8015B NM	45636
890-3962-21 MSD	TP-3 (1)	Total/NA	Solid	8015B NM	45636

Analysis Batch: 45645

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3962-41	TP-5 (1)	Total/NA	Solid	8015B NM	45637
890-3962-42	TP-5 (2)	Total/NA	Solid	8015B NM	45637
890-3962-43	TP-5 (3)	Total/NA	Solid	8015B NM	45637
890-3962-44	TP-5 (4)	Total/NA	Solid	8015B NM	45637
890-3962-45	TP-5 (5)	Total/NA	Solid	8015B NM	45637
890-3962-46	TP-5 (6)	Total/NA	Solid	8015B NM	45637
890-3962-47	TP-5 (7)	Total/NA	Solid	8015B NM	45637
890-3962-48	TP-5 (8)	Total/NA	Solid	8015B NM	45637
890-3962-49	TP-5 (9)	Total/NA	Solid	8015B NM	45637
890-3962-50	TP-5 (10)	Total/NA	Solid	8015B NM	45637
890-3962-51	H-1 (0-0.5')	Total/NA	Solid	8015B NM	45637
890-3962-52	H-2 (0-0.5')	Total/NA	Solid	8015B NM	45637
890-3962-53	H-3 (0-0.5")	Total/NA	Solid	8015B NM	45637
890-3962-54	H-4 (0-0.5')	Total/NA	Solid	8015B NM	45637
890-3962-55	H-5 (0-0.5')	Total/NA	Solid	8015B NM	45637
890-3962-56	H-6 (0-0.5')	Total/NA	Solid	8015B NM	45637
890-3962-57	H-7 (0-0.5')	Total/NA	Solid	8015B NM	45637
890-3962-58	H-8 (0-0.5')	Total/NA	Solid	8015B NM	45637

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QC Association Summary

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

GC Semi VOA (Continued)

Analysis Batch: 45645 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3962-59	H-9 (0-0.5')	Total/NA	Solid	8015B NM	45637
890-3962-60	H-10 (0-0.5')	Total/NA	Solid	8015B NM	45637
MB 880-45637/1-A	Method Blank	Total/NA	Solid	8015B NM	45637
LCS 880-45637/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	45637
LCSD 880-45637/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	45637
890-3962-41 MS	TP-5 (1)	Total/NA	Solid	8015B NM	45637
890-3962-41 MSD	TP-5 (1)	Total/NA	Solid	8015B NM	45637

Analysis Batch: 45740

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3962-1	TP-1 (1)	Total/NA	Solid	8015 NM	
890-3962-2	TP-1 (2)	Total/NA	Solid	8015 NM	
890-3962-3	TP-1 (3)	Total/NA	Solid	8015 NM	
890-3962-4	TP-1 (4)	Total/NA	Solid	8015 NM	
890-3962-5	TP-1 (5)	Total/NA	Solid	8015 NM	
890-3962-6	TP-1 (6)	Total/NA	Solid	8015 NM	
890-3962-7	TP-1 (7)	Total/NA	Solid	8015 NM	
890-3962-8	TP-1 (8)	Total/NA	Solid	8015 NM	
890-3962-9	TP-1 (9)	Total/NA	Solid	8015 NM	
890-3962-10	TP-1 (10)	Total/NA	Solid	8015 NM	
890-3962-11	TP-2 (1)	Total/NA	Solid	8015 NM	
890-3962-12	TP-2 (2)	Total/NA	Solid	8015 NM	
890-3962-13	TP-2 (3)	Total/NA	Solid	8015 NM	
890-3962-14	TP-2 (4)	Total/NA	Solid	8015 NM	
890-3962-15	TP-2 (5)	Total/NA	Solid	8015 NM	
890-3962-16	TP-2 (6)	Total/NA	Solid	8015 NM	
890-3962-17	TP-2 (7)	Total/NA	Solid	8015 NM	
890-3962-18	TP-2 (8)	Total/NA	Solid	8015 NM	
890-3962-19	TP-2 (9)	Total/NA	Solid	8015 NM	
890-3962-20	TP-2 (10)	Total/NA	Solid	8015 NM	
890-3962-21	TP-3 (1)	Total/NA	Solid	8015 NM	
890-3962-22	TP-3 (2)	Total/NA	Solid	8015 NM	
890-3962-23	TP-3 (3)	Total/NA	Solid	8015 NM	
890-3962-24	TP-3 (4)	Total/NA	Solid	8015 NM	
890-3962-25	TP-3 (5)	Total/NA	Solid	8015 NM	
890-3962-26	TP-3 (6)	Total/NA	Solid	8015 NM	
890-3962-27	TP-3 (7)	Total/NA	Solid	8015 NM	
890-3962-28	TP-3 (8)	Total/NA	Solid	8015 NM	
890-3962-29	TP-3 (9)	Total/NA	Solid	8015 NM	
890-3962-30	TP-3 (10)	Total/NA	Solid	8015 NM	
890-3962-31	TP-4 (1)	Total/NA	Solid	8015 NM	
890-3962-32	TP-4 (2)	Total/NA	Solid	8015 NM	
890-3962-33	TP-4 (3)	Total/NA	Solid	8015 NM	
890-3962-34	TP-4 (4)	Total/NA	Solid	8015 NM	
890-3962-35	TP-4 (5)	Total/NA	Solid	8015 NM	
890-3962-36	TP-4 (6)	Total/NA	Solid	8015 NM	
890-3962-37	TP-4 (7)	Total/NA	Solid	8015 NM	
890-3962-38	TP-4 (8)	Total/NA	Solid	8015 NM	
890-3962-39	TP-4 (9)	Total/NA	Solid	8015 NM	
890-3962-40	TP-4 (10)	Total/NA	Solid	8015 NM	
890-3962-41	TP-5 (1)	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

GC Semi VOA (Continued)

Analysis Batch: 45740 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3962-42	TP-5 (2)	Total/NA	Solid	8015 NM	
890-3962-43	TP-5 (3)	Total/NA	Solid	8015 NM	
890-3962-44	TP-5 (4)	Total/NA	Solid	8015 NM	
890-3962-45	TP-5 (5)	Total/NA	Solid	8015 NM	
890-3962-46	TP-5 (6)	Total/NA	Solid	8015 NM	
890-3962-47	TP-5 (7)	Total/NA	Solid	8015 NM	
890-3962-48	TP-5 (8)	Total/NA	Solid	8015 NM	
890-3962-49	TP-5 (9)	Total/NA	Solid	8015 NM	
890-3962-50	TP-5 (10)	Total/NA	Solid	8015 NM	
890-3962-51	H-1 (0-0.5')	Total/NA	Solid	8015 NM	
890-3962-52	H-2 (0-0.5')	Total/NA	Solid	8015 NM	
890-3962-53	H-3 (0-0.5")	Total/NA	Solid	8015 NM	
890-3962-54	H-4 (0-0.5')	Total/NA	Solid	8015 NM	
890-3962-55	H-5 (0-0.5')	Total/NA	Solid	8015 NM	
890-3962-56	H-6 (0-0.5")	Total/NA	Solid	8015 NM	
890-3962-57	H-7 (0-0.5')	Total/NA	Solid	8015 NM	
890-3962-58	H-8 (0-0.5')	Total/NA	Solid	8015 NM	
890-3962-59	H-9 (0-0.5')	Total/NA	Solid	8015 NM	
890-3962-60	H-10 (0-0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 44975

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3962-29	TP-3 (9)	Soluble	Solid	DI Leach	
890-3962-30	TP-3 (10)	Soluble	Solid	DI Leach	
890-3962-31	TP-4 (1)	Soluble	Solid	DI Leach	
890-3962-32	TP-4 (2)	Soluble	Solid	DI Leach	
890-3962-33	TP-4 (3)	Soluble	Solid	DI Leach	
890-3962-34	TP-4 (4)	Soluble	Solid	DI Leach	
890-3962-35	TP-4 (5)	Soluble	Solid	DI Leach	
MB 880-44975/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-44975/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-44975/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-24111-A-8-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-24111-A-8-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 45078

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3962-56	H-6 (0-0.5")	Soluble	Solid	DI Leach	
890-3962-57	H-7 (0-0.5')	Soluble	Solid	DI Leach	
890-3962-58	H-8 (0-0.5')	Soluble	Solid	DI Leach	
890-3962-59	H-9 (0-0.5')	Soluble	Solid	DI Leach	
890-3962-60	H-10 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-45078/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-45078/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-45078/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-3962-56 MS	H-6 (0-0.5")	Soluble	Solid	DI Leach	
890-3962-56 MSD	H-6 (0-0.5")	Soluble	Solid	DI Leach	

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QC Association Summary

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

HPLC/IC

Leach Batch: 45079

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3962-36	TP-4 (6)	Soluble	Solid	DI Leach	
890-3962-37	TP-4 (7)	Soluble	Solid	DI Leach	
890-3962-38	TP-4 (8)	Soluble	Solid	DI Leach	
890-3962-39	TP-4 (9)	Soluble	Solid	DI Leach	
890-3962-40	TP-4 (10)	Soluble	Solid	DI Leach	
890-3962-41	TP-5 (1)	Soluble	Solid	DI Leach	
890-3962-42	TP-5 (2)	Soluble	Solid	DI Leach	
890-3962-43	TP-5 (3)	Soluble	Solid	DI Leach	
890-3962-44	TP-5 (4)	Soluble	Solid	DI Leach	
890-3962-45	TP-5 (5)	Soluble	Solid	DI Leach	
890-3962-46	TP-5 (6)	Soluble	Solid	DI Leach	
890-3962-47	TP-5 (7)	Soluble	Solid	DI Leach	
890-3962-48	TP-5 (8)	Soluble	Solid	DI Leach	
890-3962-49	TP-5 (9)	Soluble	Solid	DI Leach	
890-3962-50	TP-5 (10)	Soluble	Solid	DI Leach	
890-3962-51	H-1 (0-0.5')	Soluble	Solid	DI Leach	
890-3962-52	H-2 (0-0.5')	Soluble	Solid	DI Leach	
890-3962-53	H-3 (0-0.5")	Soluble	Solid	DI Leach	
890-3962-54	H-4 (0-0.5')	Soluble	Solid	DI Leach	
890-3962-55	H-5 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-45079/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-45079/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-45079/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-3962-36 MS	TP-4 (6)	Soluble	Solid	DI Leach	
890-3962-36 MSD	TP-4 (6)	Soluble	Solid	DI Leach	
890-3962-46 MS	TP-5 (6)	Soluble	Solid	DI Leach	
890-3962-46 MSD	TP-5 (6)	Soluble	Solid	DI Leach	

Leach Batch: 45088

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3962-1	TP-1 (1)	Soluble	Solid	DI Leach	
890-3962-2	TP-1 (2)	Soluble	Solid	DI Leach	
890-3962-3	TP-1 (3)	Soluble	Solid	DI Leach	
890-3962-4	TP-1 (4)	Soluble	Solid	DI Leach	
890-3962-5	TP-1 (5)	Soluble	Solid	DI Leach	
890-3962-6	TP-1 (6)	Soluble	Solid	DI Leach	
890-3962-7	TP-1 (7)	Soluble	Solid	DI Leach	
890-3962-8	TP-1 (8)	Soluble	Solid	DI Leach	
890-3962-9	TP-1 (9)	Soluble	Solid	DI Leach	
890-3962-10	TP-1 (10)	Soluble	Solid	DI Leach	
890-3962-11	TP-2 (1)	Soluble	Solid	DI Leach	
890-3962-12	TP-2 (2)	Soluble	Solid	DI Leach	
MB 880-45088/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-45088/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-45088/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-3962-3 MS	TP-1 (3)	Soluble	Solid	DI Leach	
890-3962-3 MSD	TP-1 (3)	Soluble	Solid	DI Leach	

Leach Batch: 45091

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3962-13	TP-2 (3)	Soluble	Solid	DI Leach	

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QC Association Summary

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

HPLC/IC (Continued)

Leach Batch: 45091 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3962-14	TP-2 (4)	Soluble	Solid	DI Leach	
890-3962-15	TP-2 (5)	Soluble	Solid	DI Leach	
890-3962-16	TP-2 (6)	Soluble	Solid	DI Leach	
890-3962-17	TP-2 (7)	Soluble	Solid	DI Leach	
890-3962-18	TP-2 (8)	Soluble	Solid	DI Leach	
890-3962-19	TP-2 (9)	Soluble	Solid	DI Leach	
890-3962-20	TP-2 (10)	Soluble	Solid	DI Leach	
890-3962-21	TP-3 (1)	Soluble	Solid	DI Leach	
890-3962-22	TP-3 (2)	Soluble	Solid	DI Leach	
890-3962-23	TP-3 (3)	Soluble	Solid	DI Leach	
890-3962-24	TP-3 (4)	Soluble	Solid	DI Leach	
890-3962-25	TP-3 (5)	Soluble	Solid	DI Leach	
890-3962-26	TP-3 (6)	Soluble	Solid	DI Leach	
890-3962-27	TP-3 (7)	Soluble	Solid	DI Leach	
890-3962-28	TP-3 (8)	Soluble	Solid	DI Leach	
MB 880-45091/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-45091/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-45091/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-3962-13 MS	TP-2 (3)	Soluble	Solid	DI Leach	
890-3962-13 MSD	TP-2 (3)	Soluble	Solid	DI Leach	
890-3962-23 MS	TP-3 (3)	Soluble	Solid	DI Leach	
890-3962-23 MSD	TP-3 (3)	Soluble	Solid	DI Leach	

Analysis Batch: 45158

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3962-29	TP-3 (9)	Soluble	Solid	300.0	44975
890-3962-30	TP-3 (10)	Soluble	Solid	300.0	44975
890-3962-31	TP-4 (1)	Soluble	Solid	300.0	44975
890-3962-32	TP-4 (2)	Soluble	Solid	300.0	44975
890-3962-33	TP-4 (3)	Soluble	Solid	300.0	44975
890-3962-34	TP-4 (4)	Soluble	Solid	300.0	44975
890-3962-35	TP-4 (5)	Soluble	Solid	300.0	44975
MB 880-44975/1-A	Method Blank	Soluble	Solid	300.0	44975
LCS 880-44975/2-A	Lab Control Sample	Soluble	Solid	300.0	44975
LCSD 880-44975/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	44975
880-24111-A-8-B MS	Matrix Spike	Soluble	Solid	300.0	44975
880-24111-A-8-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	44975

Analysis Batch: 45159

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3962-13	TP-2 (3)	Soluble	Solid	300.0	45091
890-3962-14	TP-2 (4)	Soluble	Solid	300.0	45091
890-3962-15	TP-2 (5)	Soluble	Solid	300.0	45091
890-3962-16	TP-2 (6)	Soluble	Solid	300.0	45091
890-3962-17	TP-2 (7)	Soluble	Solid	300.0	45091
890-3962-18	TP-2 (8)	Soluble	Solid	300.0	45091
890-3962-19	TP-2 (9)	Soluble	Solid	300.0	45091
890-3962-20	TP-2 (10)	Soluble	Solid	300.0	45091
890-3962-21	TP-3 (1)	Soluble	Solid	300.0	45091
890-3962-22	TP-3 (2)	Soluble	Solid	300.0	45091
890-3962-23	TP-3 (3)	Soluble	Solid	300.0	45091

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QC Association Summary

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

HPLC/IC (Continued)

Analysis Batch: 45159 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3962-24	TP-3 (4)	Soluble	Solid	300.0	45091
890-3962-25	TP-3 (5)	Soluble	Solid	300.0	45091
890-3962-26	TP-3 (6)	Soluble	Solid	300.0	45091
890-3962-27	TP-3 (7)	Soluble	Solid	300.0	45091
890-3962-28	TP-3 (8)	Soluble	Solid	300.0	45091
MB 880-45091/1-A	Method Blank	Soluble	Solid	300.0	45091
LCS 880-45091/2-A	Lab Control Sample	Soluble	Solid	300.0	45091
LCSD 880-45091/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	45091
890-3962-13 MS	TP-2 (3)	Soluble	Solid	300.0	45091
890-3962-13 MSD	TP-2 (3)	Soluble	Solid	300.0	45091
890-3962-23 MS	TP-3 (3)	Soluble	Solid	300.0	45091
890-3962-23 MSD	TP-3 (3)	Soluble	Solid	300.0	45091

Analysis Batch: 45160

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3962-36	TP-4 (6)	Soluble	Solid	300.0	45079
890-3962-37	TP-4 (7)	Soluble	Solid	300.0	45079
890-3962-38	TP-4 (8)	Soluble	Solid	300.0	45079
890-3962-39	TP-4 (9)	Soluble	Solid	300.0	45079
890-3962-40	TP-4 (10)	Soluble	Solid	300.0	45079
890-3962-41	TP-5 (1)	Soluble	Solid	300.0	45079
890-3962-42	TP-5 (2)	Soluble	Solid	300.0	45079
890-3962-43	TP-5 (3)	Soluble	Solid	300.0	45079
890-3962-44	TP-5 (4)	Soluble	Solid	300.0	45079
890-3962-45	TP-5 (5)	Soluble	Solid	300.0	45079
890-3962-46	TP-5 (6)	Soluble	Solid	300.0	45079
890-3962-47	TP-5 (7)	Soluble	Solid	300.0	45079
890-3962-48	TP-5 (8)	Soluble	Solid	300.0	45079
890-3962-49	TP-5 (9)	Soluble	Solid	300.0	45079
890-3962-50	TP-5 (10)	Soluble	Solid	300.0	45079
890-3962-51	H-1 (0-0.5')	Soluble	Solid	300.0	45079
890-3962-52	H-2 (0-0.5')	Soluble	Solid	300.0	45079
890-3962-53	H-3 (0-0.5")	Soluble	Solid	300.0	45079
890-3962-54	H-4 (0-0.5')	Soluble	Solid	300.0	45079
890-3962-55	H-5 (0-0.5')	Soluble	Solid	300.0	45079
MB 880-45079/1-A	Method Blank	Soluble	Solid	300.0	45079
LCS 880-45079/2-A	Lab Control Sample	Soluble	Solid	300.0	45079
LCSD 880-45079/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	45079
890-3962-36 MS	TP-4 (6)	Soluble	Solid	300.0	45079
890-3962-36 MSD	TP-4 (6)	Soluble	Solid	300.0	45079
890-3962-46 MS	TP-5 (6)	Soluble	Solid	300.0	45079
890-3962-46 MSD	TP-5 (6)	Soluble	Solid	300.0	45079

Analysis Batch: 45161

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3962-1	TP-1 (1)	Soluble	Solid	300.0	45088
890-3962-2	TP-1 (2)	Soluble	Solid	300.0	45088
890-3962-3	TP-1 (3)	Soluble	Solid	300.0	45088
890-3962-4	TP-1 (4)	Soluble	Solid	300.0	45088
890-3962-5	TP-1 (5)	Soluble	Solid	300.0	45088
890-3962-6	TP-1 (6)	Soluble	Solid	300.0	45088

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QC Association Summary

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

HPLC/IC (Continued)

Analysis Batch: 45161 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3962-7	TP-1 (7)	Soluble	Solid	300.0	45088
890-3962-8	TP-1 (8)	Soluble	Solid	300.0	45088
890-3962-9	TP-1 (9)	Soluble	Solid	300.0	45088
890-3962-10	TP-1 (10)	Soluble	Solid	300.0	45088
890-3962-11	TP-2 (1)	Soluble	Solid	300.0	45088
890-3962-12	TP-2 (2)	Soluble	Solid	300.0	45088
MB 880-45088/1-A	Method Blank	Soluble	Solid	300.0	45088
LCS 880-45088/2-A	Lab Control Sample	Soluble	Solid	300.0	45088
LCSD 880-45088/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	45088
890-3962-3 MS	TP-1 (3)	Soluble	Solid	300.0	45088
890-3962-3 MSD	TP-1 (3)	Soluble	Solid	300.0	45088

Analysis Batch: 45243

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3962-56	H-6 (0-0.5")	Soluble	Solid	300.0	45078
890-3962-57	H-7 (0-0.5')	Soluble	Solid	300.0	45078
890-3962-58	H-8 (0-0.5')	Soluble	Solid	300.0	45078
890-3962-59	H-9 (0-0.5')	Soluble	Solid	300.0	45078
890-3962-60	H-10 (0-0.5')	Soluble	Solid	300.0	45078
MB 880-45078/1-A	Method Blank	Soluble	Solid	300.0	45078
LCS 880-45078/2-A	Lab Control Sample	Soluble	Solid	300.0	45078
LCSD 880-45078/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	45078
890-3962-56 MS	H-6 (0-0.5")	Soluble	Solid	300.0	45078
890-3962-56 MSD	H-6 (0-0.5")	Soluble	Solid	300.0	45078

Lab Chronicle

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Client Sample ID: TP-1 (1)
Date Collected: 01/25/23 12:00
Date Received: 01/26/23 10:38

Lab Sample ID: 890-3962-1
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			4.97 g	5 mL	45559	02/06/23 10:09	MNR	EET MID
Total/NA	Analysis	8021B		10	5 mL	5 mL	45546	02/07/23 04:11	MNR	EET MID
Total/NA	Prep	5035			4.99 g	5 mL	45694	02/07/23 12:47	MNR	EET MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	45648	02/08/23 07:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45659	02/07/23 09:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			45740	02/08/23 08:45	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	45635	02/06/23 16:27	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45639	02/07/23 11:03	AJ	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	45088	01/30/23 16:07	KS	EET MID
Soluble	Analysis	300.0		1			45161	01/31/23 16:49	CH	EET MID

Client Sample ID: TP-1 (2)
Date Collected: 01/25/23 12:00
Date Received: 01/26/23 10:38

Lab Sample ID: 890-3962-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	45559	02/06/23 10:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45546	02/07/23 01:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45659	02/07/23 09:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			45740	02/08/23 08:45	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	45635	02/06/23 16:27	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45639	02/07/23 12:06	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	45088	01/30/23 16:07	KS	EET MID
Soluble	Analysis	300.0		1			45161	01/31/23 16:55	CH	EET MID

Client Sample ID: TP-1 (3)
Date Collected: 01/25/23 12:00
Date Received: 01/26/23 10:38

Lab Sample ID: 890-3962-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	45559	02/06/23 10:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45546	02/07/23 01:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45659	02/07/23 09:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			45740	02/08/23 08:45	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	45635	02/06/23 16:27	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45639	02/07/23 12:27	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	45088	01/30/23 16:07	KS	EET MID
Soluble	Analysis	300.0		1			45161	01/31/23 17:01	CH	EET MID

Lab Chronicle

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Client Sample ID: TP-1 (4)

Date Collected: 01/25/23 12:00
Date Received: 01/26/23 10:38

Lab Sample ID: 890-3962-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	45559	02/06/23 10:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45546	02/07/23 02:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45659	02/07/23 09:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			45740	02/08/23 08:45	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	45635	02/06/23 16:27	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45639	02/07/23 12:48	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	45088	01/30/23 16:07	KS	EET MID
Soluble	Analysis	300.0		5			45161	01/31/23 17:19	CH	EET MID

Client Sample ID: TP-1 (5)

Date Collected: 01/25/23 12:00
Date Received: 01/26/23 10:38

Lab Sample ID: 890-3962-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	45559	02/06/23 10:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45546	02/07/23 02:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45659	02/07/23 09:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			45740	02/08/23 08:45	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	45635	02/06/23 16:27	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45639	02/07/23 13:09	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	45088	01/30/23 16:07	KS	EET MID
Soluble	Analysis	300.0		5			45161	01/31/23 17:26	CH	EET MID

Client Sample ID: TP-1 (6)

Date Collected: 01/25/23 12:00
Date Received: 01/26/23 10:38

Lab Sample ID: 890-3962-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	45559	02/06/23 10:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45546	02/07/23 02:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45659	02/07/23 09:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			45740	02/08/23 08:45	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	45635	02/06/23 16:27	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45639	02/07/23 13:30	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	45088	01/30/23 16:07	KS	EET MID
Soluble	Analysis	300.0		1			45161	01/31/23 18:18	CH	EET MID

Client Sample ID: TP-1 (7)

Date Collected: 01/25/23 12:00
Date Received: 01/26/23 10:38

Lab Sample ID: 890-3962-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	45559	02/06/23 10:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45546	02/07/23 03:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45659	02/07/23 09:22	SM	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Client Sample ID: TP-1 (7)

Lab Sample ID: 890-3962-7

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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			45740	02/08/23 08:45	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	45635	02/06/23 16:27	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45639	02/07/23 13:52	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	45088	01/30/23 16:07	KS	EET MID
Soluble	Analysis	300.0		1			45161	01/31/23 18:24	CH	EET MID

Client Sample ID: TP-1 (8)

Lab Sample ID: 890-3962-8

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	45559	02/06/23 10:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45546	02/07/23 03:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45659	02/07/23 09:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			45740	02/08/23 08:45	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	45635	02/06/23 16:27	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45639	02/07/23 14:13	AJ	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	45088	01/30/23 16:07	KS	EET MID
Soluble	Analysis	300.0		1			45161	01/31/23 18:30	CH	EET MID

Client Sample ID: TP-1 (9)

Lab Sample ID: 890-3962-9

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	45559	02/06/23 10:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45546	02/07/23 03:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45659	02/07/23 09:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			45740	02/08/23 08:45	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	45635	02/06/23 16:27	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45639	02/07/23 14:34	AJ	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	45088	01/30/23 16:07	KS	EET MID
Soluble	Analysis	300.0		1			45161	01/31/23 18:37	CH	EET MID

Client Sample ID: TP-1 (10)

Lab Sample ID: 890-3962-10

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	45559	02/06/23 10:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45546	02/07/23 06:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45659	02/07/23 09:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			45740	02/08/23 08:45	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	45635	02/06/23 16:27	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45639	02/07/23 14:55	AJ	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Client Sample ID: TP-1 (10)

Lab Sample ID: 890-3962-10

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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	45088	01/30/23 16:07	KS	EET MID
Soluble	Analysis	300.0		1			45161	01/31/23 18:43	CH	EET MID

Client Sample ID: TP-2 (1)

Lab Sample ID: 890-3962-11

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	45559	02/06/23 10:09	MNR	EET MID
Total/NA	Analysis	8021B		20	5 mL	5 mL	45546	02/07/23 04:31	MNR	EET MID
Total/NA	Prep	5035			5.05 g	5 mL	45694	02/07/23 12:47	MNR	EET MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	45648	02/08/23 08:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45659	02/07/23 09:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			45740	02/08/23 08:45	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	45635	02/06/23 16:27	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45639	02/07/23 15:37	AJ	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	45088	01/30/23 16:07	KS	EET MID
Soluble	Analysis	300.0		1			45161	01/31/23 18:49	CH	EET MID

Client Sample ID: TP-2 (2)

Lab Sample ID: 890-3962-12

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	45559	02/06/23 10:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45546	02/07/23 06:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45659	02/07/23 09:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			45740	02/08/23 08:45	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	45635	02/06/23 16:27	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45639	02/07/23 16:19	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	45088	01/30/23 16:07	KS	EET MID
Soluble	Analysis	300.0		1			45161	01/31/23 18:55	CH	EET MID

Client Sample ID: TP-2 (3)

Lab Sample ID: 890-3962-13

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	45559	02/06/23 10:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45546	02/07/23 07:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45659	02/07/23 09:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			45740	02/08/23 08:45	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	45635	02/06/23 16:27	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45639	02/07/23 16:40	AJ	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Client Sample ID: TP-2 (3)

Lab Sample ID: 890-3962-13

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	45091	01/30/23 16:10	KS	EET MID
Soluble	Analysis	300.0		1			45159	01/31/23 11:47	CH	EET MID

Client Sample ID: TP-2 (4)

Lab Sample ID: 890-3962-14

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	45559	02/06/23 10:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45546	02/07/23 07:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45659	02/07/23 09:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			45740	02/08/23 08:45	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	45635	02/06/23 16:27	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45639	02/07/23 17:02	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	45091	01/30/23 16:10	KS	EET MID
Soluble	Analysis	300.0		1			45159	01/31/23 12:06	CH	EET MID

Client Sample ID: TP-2 (5)

Lab Sample ID: 890-3962-15

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	45559	02/06/23 10:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45546	02/07/23 07:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45659	02/07/23 09:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			45740	02/08/23 08:45	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	45635	02/06/23 16:27	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45639	02/07/23 17:22	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	45091	01/30/23 16:10	KS	EET MID
Soluble	Analysis	300.0		1			45159	01/31/23 12:12	CH	EET MID

Client Sample ID: TP-2 (6)

Lab Sample ID: 890-3962-16

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	45559	02/06/23 10:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45546	02/07/23 08:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45659	02/07/23 09:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			45740	02/08/23 08:45	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	45635	02/06/23 16:27	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45639	02/07/23 17:44	AJ	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	45091	01/30/23 16:10	KS	EET MID
Soluble	Analysis	300.0		1			45159	01/31/23 12:18	CH	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Client Sample ID: TP-2 (7)

Lab Sample ID: 890-3962-17

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	45559	02/06/23 10:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45546	02/07/23 08:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45659	02/07/23 09:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			45740	02/08/23 08:45	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	45635	02/06/23 16:27	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45639	02/07/23 18:04	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	45091	01/30/23 16:10	KS	EET MID
Soluble	Analysis	300.0		1			45159	01/31/23 12:24	CH	EET MID

Client Sample ID: TP-2 (8)

Lab Sample ID: 890-3962-18

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	45559	02/06/23 10:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45546	02/07/23 08:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45659	02/07/23 09:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			45740	02/08/23 08:45	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	45635	02/06/23 16:27	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45639	02/07/23 18:26	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	45091	01/30/23 16:10	KS	EET MID
Soluble	Analysis	300.0		1			45159	01/31/23 12:43	CH	EET MID

Client Sample ID: TP-2 (9)

Lab Sample ID: 890-3962-19

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	45559	02/06/23 10:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45546	02/07/23 09:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45659	02/09/23 10:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			45740	02/08/23 08:45	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	45635	02/06/23 16:27	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45639	02/07/23 18:49	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	45091	01/30/23 16:10	KS	EET MID
Soluble	Analysis	300.0		1			45159	01/31/23 12:49	CH	EET MID

Client Sample ID: TP-2 (10)

Lab Sample ID: 890-3962-20

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	45559	02/06/23 10:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45546	02/07/23 09:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45659	02/09/23 10:10	SM	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Client Sample ID: TP-2 (10)

Lab Sample ID: 890-3962-20

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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			45740	02/08/23 08:45	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	45635	02/06/23 16:27	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45639	02/07/23 19:10	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	45091	01/30/23 16:10	KS	EET MID
Soluble	Analysis	300.0		1			45159	01/31/23 12:55	CH	EET MID

Client Sample ID: TP-3 (1)

Lab Sample ID: 890-3962-21

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	45560	02/06/23 10:35	MNR	EET MID
Total/NA	Analysis	8021B		25	5 mL	5 mL	45650	02/07/23 17:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45659	02/08/23 11:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			45740	02/08/23 09:40	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	45636	02/06/23 16:31	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45643	02/07/23 20:42	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	45091	01/30/23 16:10	KS	EET MID
Soluble	Analysis	300.0		1			45159	01/31/23 13:01	CH	EET MID

Client Sample ID: TP-3 (2)

Lab Sample ID: 890-3962-22

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	45560	02/06/23 10:35	MNR	EET MID
Total/NA	Analysis	8021B		25	5 mL	5 mL	45650	02/07/23 18:16	MNR	EET MID
Total/NA	Prep	5035			4.98 g	5 mL	45702	02/08/23 13:14	MNR	EET MID
Total/NA	Analysis	8021B		200	5 mL	5 mL	45737	02/08/23 18:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45659	02/08/23 11:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			45740	02/08/23 09:40	AJ	EET MID
Total/NA	Prep	8015NM Prep			10 g	10 mL	45636	02/06/23 16:31	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45643	02/07/23 21:49	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	45091	01/30/23 16:10	KS	EET MID
Soluble	Analysis	300.0		1			45159	01/31/23 13:07	CH	EET MID

Client Sample ID: TP-3 (3)

Lab Sample ID: 890-3962-23

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	45560	02/06/23 10:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45650	02/07/23 15:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45659	02/07/23 16:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			45740	02/08/23 09:40	AJ	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Client Sample ID: TP-3 (3)

Lab Sample ID: 890-3962-23

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	45636	02/06/23 16:31	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45643	02/07/23 22:11	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	45091	01/30/23 16:10	KS	EET MID
Soluble	Analysis	300.0		1			45159	01/31/23 13:14	CH	EET MID

Client Sample ID: TP-3 (4)

Lab Sample ID: 890-3962-24

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	45560	02/06/23 10:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45650	02/07/23 15:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45659	02/07/23 16:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			45740	02/08/23 09:40	AJ	EET MID
Total/NA	Prep	8015NM Prep			10 g	10 mL	45636	02/06/23 16:31	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45643	02/07/23 22:32	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	45091	01/30/23 16:10	KS	EET MID
Soluble	Analysis	300.0		1			45159	01/31/23 13:32	CH	EET MID

Client Sample ID: TP-3 (5)

Lab Sample ID: 890-3962-25

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	45560	02/06/23 10:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45650	02/07/23 15:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45659	02/07/23 16:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			45740	02/08/23 09:40	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	45636	02/06/23 16:31	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45643	02/07/23 22:55	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	45091	01/30/23 16:10	KS	EET MID
Soluble	Analysis	300.0		1			45159	01/31/23 13:39	CH	EET MID

Client Sample ID: TP-3 (6)

Lab Sample ID: 890-3962-26

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	45560	02/06/23 10:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45650	02/07/23 16:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45659	02/07/23 16:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			45740	02/08/23 09:40	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	45636	02/06/23 16:31	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45643	02/07/23 23:17	SM	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Client Sample ID: TP-3 (6)

Lab Sample ID: 890-3962-26

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	45091	01/30/23 16:10	KS	EET MID
Soluble	Analysis	300.0		1			45159	01/31/23 13:57	CH	EET MID

Client Sample ID: TP-3 (7)

Lab Sample ID: 890-3962-27

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	45560	02/06/23 10:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45650	02/07/23 16:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45659	02/07/23 16:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			45740	02/08/23 09:40	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	45636	02/06/23 16:31	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45643	02/07/23 23:39	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	45091	01/30/23 16:10	KS	EET MID
Soluble	Analysis	300.0		1			45159	01/31/23 14:03	CH	EET MID

Client Sample ID: TP-3 (8)

Lab Sample ID: 890-3962-28

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	45560	02/06/23 10:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45650	02/07/23 16:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45659	02/08/23 11:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			45740	02/08/23 09:40	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	45636	02/06/23 16:31	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45643	02/08/23 00:01	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	45091	01/30/23 16:10	KS	EET MID
Soluble	Analysis	300.0		1			45159	01/31/23 14:09	CH	EET MID

Client Sample ID: TP-3 (9)

Lab Sample ID: 890-3962-29

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	45560	02/06/23 10:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45650	02/07/23 17:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45659	02/08/23 11:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			45740	02/08/23 09:40	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	45636	02/06/23 16:31	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45643	02/08/23 00:23	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	44975	01/29/23 17:51	KS	EET MID
Soluble	Analysis	300.0		1			45158	01/31/23 12:46	CH	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Client Sample ID: TP-3 (10)

Lab Sample ID: 890-3962-30

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	45560	02/06/23 10:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45650	02/07/23 17:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45659	02/08/23 11:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			45740	02/08/23 09:40	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	45636	02/06/23 16:31	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45643	02/08/23 00:46	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	44975	01/29/23 17:51	KS	EET MID
Soluble	Analysis	300.0		1			45158	01/31/23 12:51	CH	EET MID

Client Sample ID: TP-4 (1)

Lab Sample ID: 890-3962-31

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	45754	02/08/23 08:59	MNR	EET MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	45738	02/08/23 14:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45659	02/08/23 16:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			45740	02/08/23 09:40	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	45636	02/06/23 16:31	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45643	02/08/23 01:31	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	44975	01/29/23 17:51	KS	EET MID
Soluble	Analysis	300.0		1			45158	01/31/23 12:55	CH	EET MID

Client Sample ID: TP-4 (2)

Lab Sample ID: 890-3962-32

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	45754	02/08/23 08:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45738	02/08/23 11:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45659	02/08/23 16:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			45740	02/08/23 09:40	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	45636	02/06/23 16:31	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45643	02/08/23 01:52	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	44975	01/29/23 17:51	KS	EET MID
Soluble	Analysis	300.0		1			45158	01/31/23 13:00	CH	EET MID

Client Sample ID: TP-4 (3)

Lab Sample ID: 890-3962-33

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	45754	02/08/23 08:59	MNR	EET MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	45738	02/08/23 14:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45659	02/08/23 16:39	SM	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Client Sample ID: TP-4 (3)

Date Collected: 01/25/23 12:00

Date Received: 01/26/23 10:38

Lab Sample ID: 890-3962-33

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			45740	02/08/23 09:40	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	45636	02/06/23 16:31	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45643	02/08/23 02:15	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	44975	01/29/23 17:51	KS	EET MID
Soluble	Analysis	300.0		1			45158	01/31/23 13:05	CH	EET MID

Client Sample ID: TP-4 (4)

Date Collected: 01/25/23 12:00

Date Received: 01/26/23 10:38

Lab Sample ID: 890-3962-34

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	45702	02/08/23 13:14	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	45737	02/08/23 18:04	MNR	EET MID
Total/NA	Prep	5035			4.99 g	5 mL	45754	02/08/23 08:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45738	02/08/23 12:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45659	02/08/23 16:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			45740	02/08/23 09:40	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	45636	02/06/23 16:31	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45643	02/08/23 02:36	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	44975	01/29/23 17:51	KS	EET MID
Soluble	Analysis	300.0		1			45158	01/31/23 13:10	CH	EET MID

Client Sample ID: TP-4 (5)

Date Collected: 01/25/23 12:00

Date Received: 01/26/23 10:38

Lab Sample ID: 890-3962-35

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	45754	02/08/23 08:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45738	02/08/23 12:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45659	02/08/23 16:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			45740	02/08/23 09:40	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	45636	02/06/23 16:31	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45643	02/08/23 02:59	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	44975	01/29/23 17:51	KS	EET MID
Soluble	Analysis	300.0		1			45158	01/31/23 13:14	CH	EET MID

Client Sample ID: TP-4 (6)

Date Collected: 01/25/23 12:00

Date Received: 01/26/23 10:38

Lab Sample ID: 890-3962-36

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	45754	02/08/23 08:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45738	02/08/23 12:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45659	02/08/23 16:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			45740	02/08/23 09:40	AJ	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Client Sample ID: TP-4 (6)

Lab Sample ID: 890-3962-36

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	45636	02/06/23 16:31	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45643	02/08/23 03:20	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	45079	01/30/23 15:53	KS	EET MID
Soluble	Analysis	300.0		1			45160	01/31/23 15:20	CH	EET MID

Client Sample ID: TP-4 (7)

Lab Sample ID: 890-3962-37

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	45754	02/08/23 08:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45738	02/08/23 13:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45659	02/08/23 16:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			45740	02/08/23 09:40	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	45636	02/06/23 16:31	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45643	02/08/23 03:43	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	45079	01/30/23 15:53	KS	EET MID
Soluble	Analysis	300.0		1			45160	01/31/23 15:35	CH	EET MID

Client Sample ID: TP-4 (8)

Lab Sample ID: 890-3962-38

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	45754	02/08/23 08:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45738	02/08/23 13:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45659	02/08/23 16:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			45740	02/08/23 09:40	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	45636	02/06/23 16:31	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45643	02/08/23 04:04	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	45079	01/30/23 15:53	KS	EET MID
Soluble	Analysis	300.0		1			45160	01/31/23 15:40	CH	EET MID

Client Sample ID: TP-4 (9)

Lab Sample ID: 890-3962-39

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	45754	02/08/23 08:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45738	02/08/23 13:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45659	02/08/23 16:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			45740	02/08/23 09:40	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	45636	02/06/23 16:31	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45643	02/08/23 04:27	SM	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Client Sample ID: TP-4 (9)

Lab Sample ID: 890-3962-39

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	45079	01/30/23 15:53	KS	EET MID
Soluble	Analysis	300.0		1			45160	01/31/23 15:44	CH	EET MID

Client Sample ID: TP-4 (10)

Lab Sample ID: 890-3962-40

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	45754	02/08/23 08:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45738	02/08/23 14:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45659	02/08/23 16:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			45740	02/08/23 09:40	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	45636	02/06/23 16:31	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45643	02/08/23 04:49	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	45079	01/30/23 15:53	KS	EET MID
Soluble	Analysis	300.0		1			45160	01/31/23 15:49	CH	EET MID

Client Sample ID: TP-5 (1)

Lab Sample ID: 890-3962-41

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	45561	02/06/23 10:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45543	02/07/23 01:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45659	02/07/23 09:28	SM	EET MID
Total/NA	Analysis	8015 NM		1			45740	02/08/23 09:23	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	45637	02/06/23 16:34	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45645	02/07/23 20:42	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	45079	01/30/23 15:53	KS	EET MID
Soluble	Analysis	300.0		1			45160	01/31/23 16:04	CH	EET MID

Client Sample ID: TP-5 (2)

Lab Sample ID: 890-3962-42

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	45561	02/06/23 10:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45543	02/07/23 02:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45659	02/07/23 09:28	SM	EET MID
Total/NA	Analysis	8015 NM		1			45740	02/08/23 09:23	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	45637	02/06/23 16:34	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45645	02/07/23 21:49	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	45079	01/30/23 15:53	KS	EET MID
Soluble	Analysis	300.0		1			45160	01/31/23 16:09	CH	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Client Sample ID: TP-5 (3)

Lab Sample ID: 890-3962-43

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	45561	02/06/23 10:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45543	02/07/23 02:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45659	02/07/23 09:28	SM	EET MID
Total/NA	Analysis	8015 NM		1			45740	02/08/23 09:23	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	45637	02/06/23 16:34	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45645	02/07/23 22:11	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	45079	01/30/23 15:53	KS	EET MID
Soluble	Analysis	300.0		1			45160	01/31/23 16:13	CH	EET MID

Client Sample ID: TP-5 (4)

Lab Sample ID: 890-3962-44

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	45561	02/06/23 10:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45543	02/07/23 02:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45659	02/07/23 09:28	SM	EET MID
Total/NA	Analysis	8015 NM		1			45740	02/08/23 09:23	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	45637	02/06/23 16:34	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45645	02/07/23 22:32	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	45079	01/30/23 15:53	KS	EET MID
Soluble	Analysis	300.0		1			45160	01/31/23 16:18	CH	EET MID

Client Sample ID: TP-5 (5)

Lab Sample ID: 890-3962-45

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	45561	02/06/23 10:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45543	02/07/23 03:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45659	02/07/23 09:28	SM	EET MID
Total/NA	Analysis	8015 NM		1			45740	02/08/23 09:23	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	45637	02/06/23 16:34	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45645	02/07/23 22:55	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	45079	01/30/23 15:53	KS	EET MID
Soluble	Analysis	300.0		1			45160	01/31/23 16:23	CH	EET MID

Client Sample ID: TP-5 (6)

Lab Sample ID: 890-3962-46

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	45561	02/06/23 10:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45543	02/07/23 03:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45659	02/07/23 09:28	SM	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Client Sample ID: TP-5 (6)

Lab Sample ID: 890-3962-46

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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			45740	02/08/23 09:23	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	45637	02/06/23 16:34	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45645	02/07/23 23:17	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	45079	01/30/23 15:53	KS	EET MID
Soluble	Analysis	300.0		1			45160	01/31/23 16:28	CH	EET MID

Client Sample ID: TP-5 (7)

Lab Sample ID: 890-3962-47

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	45561	02/06/23 10:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45543	02/07/23 04:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45659	02/07/23 09:28	SM	EET MID
Total/NA	Analysis	8015 NM		1			45740	02/08/23 09:23	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	45637	02/06/23 16:34	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45645	02/07/23 23:39	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	45079	01/30/23 15:53	KS	EET MID
Soluble	Analysis	300.0		1			45160	01/31/23 16:42	CH	EET MID

Client Sample ID: TP-5 (8)

Lab Sample ID: 890-3962-48

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	45561	02/06/23 10:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45543	02/07/23 04:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45659	02/07/23 09:28	SM	EET MID
Total/NA	Analysis	8015 NM		1			45740	02/08/23 09:23	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	45637	02/06/23 16:34	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45645	02/08/23 00:01	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	45079	01/30/23 15:53	KS	EET MID
Soluble	Analysis	300.0		1			45160	01/31/23 16:47	CH	EET MID

Client Sample ID: TP-5 (9)

Lab Sample ID: 890-3962-49

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	45561	02/06/23 10:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45543	02/07/23 05:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45659	02/07/23 09:28	SM	EET MID
Total/NA	Analysis	8015 NM		1			45740	02/08/23 09:23	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	45637	02/06/23 16:34	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45645	02/08/23 00:23	SM	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Client Sample ID: TP-5 (9)

Lab Sample ID: 890-3962-49

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	45079	01/30/23 15:53	KS	EET MID
Soluble	Analysis	300.0		1			45160	01/31/23 17:01	CH	EET MID

Client Sample ID: TP-5 (10)

Lab Sample ID: 890-3962-50

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	45561	02/06/23 10:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45543	02/07/23 05:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45659	02/07/23 09:28	SM	EET MID
Total/NA	Analysis	8015 NM		1			45740	02/08/23 09:23	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	45637	02/06/23 16:34	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45645	02/08/23 00:46	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	45079	01/30/23 15:53	KS	EET MID
Soluble	Analysis	300.0		1			45160	01/31/23 17:06	CH	EET MID

Client Sample ID: H-1 (0-0.5')

Lab Sample ID: 890-3962-51

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	45561	02/06/23 10:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45543	02/07/23 07:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45659	02/07/23 09:28	SM	EET MID
Total/NA	Analysis	8015 NM		1			45740	02/08/23 09:23	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	45637	02/06/23 16:34	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45645	02/08/23 01:31	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	45079	01/30/23 15:53	KS	EET MID
Soluble	Analysis	300.0		1			45160	01/31/23 17:11	CH	EET MID

Client Sample ID: H-2 (0-0.5')

Lab Sample ID: 890-3962-52

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	45561	02/06/23 10:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45543	02/07/23 07:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45659	02/07/23 09:28	SM	EET MID
Total/NA	Analysis	8015 NM		1			45740	02/08/23 09:23	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	45637	02/06/23 16:34	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45645	02/08/23 01:52	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	45079	01/30/23 15:53	KS	EET MID
Soluble	Analysis	300.0		1			45160	01/31/23 17:16	CH	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Client Sample ID: H-3 (0-0.5")

Lab Sample ID: 890-3962-53

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	45561	02/06/23 10:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45543	02/07/23 08:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45659	02/07/23 09:28	SM	EET MID
Total/NA	Analysis	8015 NM		1			45740	02/08/23 09:23	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	45637	02/06/23 16:34	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45645	02/08/23 02:15	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	45079	01/30/23 15:53	KS	EET MID
Soluble	Analysis	300.0		1			45160	01/31/23 17:21	CH	EET MID

Client Sample ID: H-4 (0-0.5')

Lab Sample ID: 890-3962-54

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	45561	02/06/23 10:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45543	02/07/23 08:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45659	02/07/23 13:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			45740	02/08/23 09:23	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	45637	02/06/23 16:34	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45645	02/08/23 02:36	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	45079	01/30/23 15:53	KS	EET MID
Soluble	Analysis	300.0		1			45160	01/31/23 17:26	CH	EET MID

Client Sample ID: H-5 (0-0.5')

Lab Sample ID: 890-3962-55

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	45561	02/06/23 10:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45543	02/07/23 09:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45659	02/07/23 13:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			45740	02/08/23 09:23	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	45637	02/06/23 16:34	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45645	02/08/23 02:59	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	45079	01/30/23 15:53	KS	EET MID
Soluble	Analysis	300.0		1			45160	01/31/23 17:30	CH	EET MID

Client Sample ID: H-6 (0-0.5")

Lab Sample ID: 890-3962-56

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	45561	02/06/23 10:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45543	02/07/23 09:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45659	02/07/23 13:37	SM	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Client Sample ID: H-6 (0-0.5")

Lab Sample ID: 890-3962-56

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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			45740	02/08/23 09:23	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	45637	02/06/23 16:34	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45645	02/08/23 03:20	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	45078	01/30/23 15:51	KS	EET MID
Soluble	Analysis	300.0		1			45243	02/01/23 13:31	CH	EET MID

Client Sample ID: H-7 (0-0.5')

Lab Sample ID: 890-3962-57

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	45561	02/06/23 10:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45543	02/07/23 10:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45659	02/07/23 13:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			45740	02/08/23 09:23	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	45637	02/06/23 16:34	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45645	02/08/23 03:43	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	45078	01/30/23 15:51	KS	EET MID
Soluble	Analysis	300.0		1			45243	02/01/23 13:50	CH	EET MID

Client Sample ID: H-8 (0--0.5')

Lab Sample ID: 890-3962-58

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	45561	02/06/23 10:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45543	02/07/23 10:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45659	02/07/23 13:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			45740	02/08/23 09:23	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	45637	02/06/23 16:34	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45645	02/08/23 04:04	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	45078	01/30/23 15:51	KS	EET MID
Soluble	Analysis	300.0		1			45243	02/02/23 08:09	CH	EET MID

Client Sample ID: H-9 (0-0.5')

Lab Sample ID: 890-3962-59

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	45561	02/06/23 10:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45543	02/07/23 10:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45659	02/07/23 13:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			45740	02/08/23 09:23	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	45637	02/06/23 16:34	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45645	02/08/23 04:27	SM	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Client Sample ID: H-9 (0-0.5')
Date Collected: 01/25/23 12:00
Date Received: 01/26/23 10:38

Lab Sample ID: 890-3962-59
Matrix: Solid

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	45078	01/30/23 15:51	KS	EET MID
Soluble	Analysis	300.0		1			45243	02/02/23 08:15	CH	EET MID

Client Sample ID: H-10 (0-0.5')
Date Collected: 01/25/23 12:00
Date Received: 01/26/23 10:38

Lab Sample ID: 890-3962-60
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	45561	02/06/23 10:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45543	02/07/23 11:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45659	02/07/23 13:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			45740	02/08/23 09:23	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	45637	02/06/23 16:34	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45645	02/08/23 04:49	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	45078	01/30/23 15:51	KS	EET MID
Soluble	Analysis	300.0		1			45243	02/02/23 08:22	CH	EET MID

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

Accreditation/Certification Summary

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

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	T104704400-22-25	06-30-23

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

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

1
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Method Summary

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

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

Protocol References:

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
890-3962-1	TP-1 (1)	Solid	01/25/23 12:00	01/26/23 10:38
890-3962-2	TP-1 (2)	Solid	01/25/23 12:00	01/26/23 10:38
890-3962-3	TP-1 (3)	Solid	01/25/23 12:00	01/26/23 10:38
890-3962-4	TP-1 (4)	Solid	01/25/23 12:00	01/26/23 10:38
890-3962-5	TP-1 (5)	Solid	01/25/23 12:00	01/26/23 10:38
890-3962-6	TP-1 (6)	Solid	01/25/23 12:00	01/26/23 10:38
890-3962-7	TP-1 (7)	Solid	01/25/23 12:00	01/26/23 10:38
890-3962-8	TP-1 (8)	Solid	01/25/23 12:00	01/26/23 10:38
890-3962-9	TP-1 (9)	Solid	01/25/23 12:00	01/26/23 10:38
890-3962-10	TP-1 (10)	Solid	01/25/23 12:00	01/26/23 10:38
890-3962-11	TP-2 (1)	Solid	01/25/23 12:00	01/26/23 10:38
890-3962-12	TP-2 (2)	Solid	01/25/23 12:00	01/26/23 10:38
890-3962-13	TP-2 (3)	Solid	01/25/23 12:00	01/26/23 10:38
890-3962-14	TP-2 (4)	Solid	01/25/23 12:00	01/26/23 10:38
890-3962-15	TP-2 (5)	Solid	01/25/23 12:00	01/26/23 10:38
890-3962-16	TP-2 (6)	Solid	01/25/23 12:00	01/26/23 10:38
890-3962-17	TP-2 (7)	Solid	01/25/23 12:00	01/26/23 10:38
890-3962-18	TP-2 (8)	Solid	01/25/23 12:00	01/26/23 10:38
890-3962-19	TP-2 (9)	Solid	01/25/23 12:00	01/26/23 10:38
890-3962-20	TP-2 (10)	Solid	01/25/23 12:00	01/26/23 10:38
890-3962-21	TP-3 (1)	Solid	01/25/23 12:00	01/26/23 10:38
890-3962-22	TP-3 (2)	Solid	01/25/23 12:00	01/26/23 10:38
890-3962-23	TP-3 (3)	Solid	01/25/23 12:00	01/26/23 10:38
890-3962-24	TP-3 (4)	Solid	01/25/23 12:00	01/26/23 10:38
890-3962-25	TP-3 (5)	Solid	01/25/23 12:00	01/26/23 10:38
890-3962-26	TP-3 (6)	Solid	01/25/23 12:00	01/26/23 10:38
890-3962-27	TP-3 (7)	Solid	01/25/23 12:00	01/26/23 10:38
890-3962-28	TP-3 (8)	Solid	01/25/23 12:00	01/26/23 10:38
890-3962-29	TP-3 (9)	Solid	01/25/23 12:00	01/26/23 10:38
890-3962-30	TP-3 (10)	Solid	01/25/23 12:00	01/26/23 10:38
890-3962-31	TP-4 (1)	Solid	01/25/23 12:00	01/26/23 10:38
890-3962-32	TP-4 (2)	Solid	01/25/23 12:00	01/26/23 10:38
890-3962-33	TP-4 (3)	Solid	01/25/23 12:00	01/26/23 10:38
890-3962-34	TP-4 (4)	Solid	01/25/23 12:00	01/26/23 10:38
890-3962-35	TP-4 (5)	Solid	01/25/23 12:00	01/26/23 10:38
890-3962-36	TP-4 (6)	Solid	01/25/23 12:00	01/26/23 10:38
890-3962-37	TP-4 (7)	Solid	01/25/23 12:00	01/26/23 10:38
890-3962-38	TP-4 (8)	Solid	01/25/23 12:00	01/26/23 10:38
890-3962-39	TP-4 (9)	Solid	01/25/23 12:00	01/26/23 10:38
890-3962-40	TP-4 (10)	Solid	01/25/23 12:00	01/26/23 10:38
890-3962-41	TP-5 (1)	Solid	01/25/23 12:00	01/26/23 10:38
890-3962-42	TP-5 (2)	Solid	01/25/23 12:00	01/26/23 10:38
890-3962-43	TP-5 (3)	Solid	01/25/23 12:00	01/26/23 10:38
890-3962-44	TP-5 (4)	Solid	01/25/23 12:00	01/26/23 10:38
890-3962-45	TP-5 (5)	Solid	01/25/23 12:00	01/26/23 10:38
890-3962-46	TP-5 (6)	Solid	01/25/23 12:00	01/26/23 10:38
890-3962-47	TP-5 (7)	Solid	01/25/23 12:00	01/26/23 10:38
890-3962-48	TP-5 (8)	Solid	01/25/23 12:00	01/26/23 10:38
890-3962-49	TP-5 (9)	Solid	01/25/23 12:00	01/26/23 10:38
890-3962-50	TP-5 (10)	Solid	01/25/23 12:00	01/26/23 10:38
890-3962-51	H-1 (0-0.5')	Solid	01/25/23 12:00	01/26/23 10:38
890-3962-52	H-2 (0-0.5')	Solid	01/25/23 12:00	01/26/23 10:38
890-3962-53	H-3 (0-0.5")	Solid	01/25/23 12:00	01/26/23 10:38
890-3962-54	H-4 (0-0.5')	Solid	01/25/23 12:00	01/26/23 10:38

Sample Summary

Client: NT Global
Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1
SDG: 236729

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
890-3962-55	H-5 (0-0.5')	Solid	01/25/23 12:00	01/26/23 10:38
890-3962-56	H-6 (0-0.5")	Solid	01/25/23 12:00	01/26/23 10:38
890-3962-57	H-7 (0-0.5')	Solid	01/25/23 12:00	01/26/23 10:38
890-3962-58	H-8 (0-0.5')	Solid	01/25/23 12:00	01/26/23 10:38
890-3962-59	H-9 (0-0.5')	Solid	01/25/23 12:00	01/26/23 10:38
890-3962-60	H-10 (0-0.5')	Solid	01/25/23 12:00	01/26/23 10:38

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Chain of Custody

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Work Order No: _____

Page 1 of 6

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

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

Project Name:	Pinnacle CTB 35H Lease Road	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST										Preservative Codes					
Project Number:	236729	Due Date:	TAT starts the day received by the lab, if received by 4:30pm												None: NO Cool: Cool HCL: HC H ₂ SO ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC					
Project Location:	Eddy County, NM	Parameters		BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 4500										HOLD						
Sample's Name:	Kellan Smith	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	890-3962 Chain of Custody														
PO #	21105882	Received In tact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	TDW-507															
SAMPLE RECEIPT		Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:	1.02															
		Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:	1.8															
		Total Containers:	60	Corrected Temperature:	1.0															
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments			
TP-1 (1)	1/25/2023		X	Grab/Comp	1	X	X	X												
TP-1 (2)	1/25/2023		X	Grab/Comp	1	X	X	X												
TP-1 (3)	1/25/2023		X	Grab/Comp	1	X	X	X												
TP-1 (4)	1/25/2023		X	Grab/Comp	1	X	X	X												
TP-1 (5)	1/25/2023		X	Grab/Comp	1	X	X	X												
TP-1 (6)	1/25/2023		X	Grab/Comp	1	X	X	X												
TP-1 (7)	1/25/2023		X	Grab/Comp	1	X	X	X												
TP-1 (8)	1/25/2023		X	Grab/Comp	1	X	X	X												
TP-1 (9)	1/25/2023		X	Grab/Comp	1	X	X	X												
TP-1 (10)	1/25/2023		X	Grab/Comp	1	X	X	X												

Additional Comments:

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	1-26-23 10:28			



Chain of Custody

Work Order No: _____

Page 2 of 6

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@devon.com

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

Project Name:	Pinnacle CTB 35H Lease Road	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code		ANALYSIS REQUEST										Preservative Codes		
Project Number:	236729	Due Date:														None: NO	DI Water: H ₂ O	
Project Location:	Eddy County, NM															Cool: Cool	MeOH: Me	
Sampler's Name:	Kellan Smith															HCL: HC	HNO ₃ : HN	
PO #:	21105882															H ₂ SO ₄ : H ₂	NaOH: Na	
SAMPLE RECEIPT	Temp Blank:	Yes	No	Thermometer ID:	Yes	No											H ₃ PO ₄ : HP	
Received In tact:	Yes	No		Correction factor:	Yes	No											NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes	No	N/A	Temperature Reading:													Na ₂ S ₂ O ₃ : NASO ₃	
Sample Custody Seals:	Yes	No	N/A	Corrected Temperature:													Zn Acetate+NaOH: Zn	
Total Containers:	60																NaOH+Ascorbic Acid: SAPC	

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	TPH										Sample Comments	
TP-2 (1)	1/25/2023		X		Grab/	1	X	X	X									
TP-2 (2)	1/25/2023		X		Grab/	1	X	X	X									
TP-2 (3)	1/25/2023		X		Grab/	1	X	X	X									
TP-2 (4)	1/25/2023		X		Grab/	1	X	X	X									
TP-2 (5)	1/25/2023		X		Grab/	1	X	X	X									
TP-2 (6)	1/25/2023		X		Grab/	1	X	X	X									
TP-2 (7)	1/25/2023		X		Grab/	1	X	X	X									
TP-2 (8)	1/25/2023		X		Grab/	1	X	X	X									
TP-2 (9)	1/25/2023		X		Grab/	1	X	X	X									
TP-2 (10)	1/25/2023		X		Grab/	1	X	X	X									

Additional Comments:

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	1-26-23 10:35			
		4			
		6			



Chain of Custody

Work Order No: _____

Page 3 of 6

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:	Carsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	254-266-5456	Email:	Wesley.Mathews@dyn.com

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

[illegible][illegible]

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xeno, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xeno 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 Xeno. A minimum charge of \$95.00 will be applied to each project, and a charge of \$5 for each sample submitted to Xeno, but not analyzed. These terms will be enforced unless previously negotiated.

Reinquisitioned by: (Signature)	Received by: (Signature)	Date/Time	Reinquisitioned by: (Signature)	Received by: (Signature)	Date/Time
1 <i>[Signature]</i>	<i>[Signature]</i>	1-26-23 1036			
2					
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5					
6					

Revised Date: 09/01/2020 Row: 2020



Chain of Custody

Work Order No: _____

Page 4 of 6

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@devon.com

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

Project Name:			Pinnacle CTB 35H Lease Road			Turn Around			ANALYSIS REQUEST												Preservative Codes							
Project Number:			236729			<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush		Pres. Code											None: NO	DI Water: H ₂ O								
Project Location:			Eddy County, NM			Due Date:													Cool: Cool	MeOH: Me								
Sampler's Name:			Kellian Smith			TAT starts the day received by the lab, if received by 4:30pm													HCL: HC	HNO ₃ : HN								
PO #:			21105882																H ₂ SO ₄ : H ₂	NaOH: Na								
SAMPLE RECEIPT			Temp Blank:		Yes	No	Yes	No	Wet Ice:	Yes	No	Parameters										HOLD						
Received Inact:					Yes	No	Thermometer ID:												NaHSO ₄ : NABIS									
Cooler Custody Seals:					Yes	No	N/A	Correction Factor:												Na ₂ S ₂ O ₃ : NaSO ₃								
Sample Custody Seals:					Yes	No	N/A	Temperature Reading:												Zn Acetate+NaOH: Zn								
Total Containers:					60		Corrected Temperature:												NaOH+Ascorbic Acid: SAPC									
Sample Identification			Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
TP-4 (1)			1/25/2023				X				Grab/		1															
TP-4 (2)			1/25/2023				X				Grab/		1															
TP-4 (3)			1/25/2023				X				Grab/		1															
TP-4 (4)			1/25/2023				X				Grab/		1															
TP-4 (5)			1/25/2023				X				Grab/		1															
TP-4 (6)			1/25/2023				X				Grab/		1															
TP-4 (7)			1/25/2023				X				Grab/		1															
TP-4 (8)			1/25/2023				X				Grab/		1															
TP-4 (9)			1/25/2023				X				Grab/		1															
TP-4 (10)			1/25/2023				X				Grab/		1															

Additional Comments:

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	1-26-23 10:38			
		4			
		6			



Chain of Custody

Work Order No: _____

Page 5 of 6

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@devon.com

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

Project Name:	Pinnacle CTB 35H Lease Road	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code		ANALYSIS REQUEST										Preservative Codes	
Project Number:	236729	Due Date:														None: NO	DI Water: H ₂ O
Project Location:	Eddy County, NM															Cool: Cool	MeOH: Me
Sampler's Name:	Kellan Smith															HCL: HC	HNO ₃ : HN
PO #:	21105882															H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT	Temp Blank:	Yes No	Wet/dry:	Yes No												H ₃ PO ₄ : HP	
Received Intact:	Yes No		Thermometer ID:													NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes No N/A		Correction Factor:													Na ₂ S ₂ O ₅ : NASO ₅	
Sample Custody Seals:	Yes No N/A		Temperature Reading:													Zn Acetate+NaOH: Zn	
Total Containers:	60		Corrected Temperature:													NaOH+Ascorbic Acid: SACP	

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	PL												Sample Comments
TP-5 (1)	1/25/2023		X		Grab/	1	X	X	X										
TP-5 (2)	1/25/2023		X		Grab/	1	X	X	X										
TP-5 (3)	1/25/2023		X		Grab/	1	X	X	X										
TP-5 (4)	1/25/2023		X		Grab/	1	X	X	X										
TP-5 (5)	1/25/2023		X		Grab/	1	X	X	X										
TP-5 (6)	1/25/2023		X		Grab/	1	X	X	X										
TP-5 (7)	1/25/2023		X		Grab/	1	X	X	X										
TP-5 (8)	1/25/2023		X		Grab/	1	X	X	X										
TP-5 (9)	1/25/2023		X		Grab/	1	X	X	X										
TP-5 (10)	1/25/2023		X		Grab/	1	X	X	X										

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 <i>[Signature]</i>	2 <i>[Signature]</i>	1-26-23 10:38	3 <i>[Signature]</i>	4 <i>[Signature]</i>	4
5		6			



Chain of Custody

Work Order No: _____

Page 6 of 6

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@dev.com

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

Project Name:	Pinnacle CTB 35H Lease Road	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST												Preservative Codes			
Project Number:	236729	Due Date:															None: NO	DI Water: H ₂ O		
Project Location:	Eddy County, NM	TAT starts the day received by the lab, if received by 4:30pm															Cool: Cool	MeOH: Me		
Sampler's Name:	Kellan Smith																HCL: HC	HNO ₃ : HN		
PO #	21105882																H ₂ SO ₄ : H ₂	NaOH: Na		
SAMPLE RECEIPT	Temp Blank:	Yes	No	Well Ice:	Yes	No													H ₃ PO ₄ : HP	
Received Inact:	Yes	No	Thermometer ID:																NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes	No	Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:	Yes	No	Temperature Reading:																Zn Acetate+NaOH: Zn	
Total Containers:	60	Corrected Temperature:															NaOH+Ascorbic Acid: SAPC			

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters												Sample Comments
H-1 (0-0.5')	1/25/2023		X		Grab/	1	BTEX 8021B												
H-2 (0-0.5')	1/25/2023		X		Grab/	1	TPH 8015M (GRO + DRO + MRO)												
H-3 (0-0.5')	1/25/2023		X		Grab/	1	Chloride 4500												
H-4 (0-0.5')	1/25/2023		X		Grab/	1													
H-5 (0-0.5')	1/25/2023		X		Grab/	1													
H-6 (0-0.5')	1/25/2023		X		Grab/	1													
H-7 (0-0.5')	1/25/2023		X		Grab/	1													
H-8 (0-0.5')	1/25/2023		X		Grab/	1													
H-9 (0-0.5')	1/25/2023		X		Grab/	1													
H-10 (0-0.5')	1/25/2023		X		Grab/	1													

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	1-26-23 1038			

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-3962-1

SDG Number: 236729

Login Number: 3962

List Number: 1

Creator: Stutzman, Amanda

List Source: Eurofins Carlsbad

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

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-3962-1

SDG Number: 236729

Login Number: 3962

List Number: 2

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

List Creation: 01/27/23 11:00 AM

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



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

May 15, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: PINNACLE CTB 35H LEASE ROAD

Enclosed are the results of analyses for samples received by the laboratory on 05/10/23 13:00.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/10/2023
 Reported: 05/15/2023
 Project Name: PINNACLE CTB 35H LEASE ROAD
 Project Number: 236729
 Project Location: DEVON-EDDY CO., NM

Sampling Date: 05/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 1 (4') (H232321-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/11/2023	ND	2.18	109	2.00	2.13	
Toluene*	<0.050	0.050	05/11/2023	ND	2.17	109	2.00	2.12	
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.14	107	2.00	2.26	
Total Xylenes*	0.202	0.150	05/11/2023	ND	6.51	109	6.00	1.74	
Total BTX	<0.300	0.300	05/11/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	752	16.0	05/11/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/11/2023	ND	179	89.3	200	0.0454	
DRO >C10-C28*	39.4	10.0	05/11/2023	ND	168	83.9	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/10/2023
 Reported: 05/15/2023
 Project Name: PINNACLE CTB 35H LEASE ROAD
 Project Number: 236729
 Project Location: DEVON-EDDY CO., NM

Sampling Date: 05/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 2 (4') (H232321-02)

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	05/11/2023	ND	2.18	109	2.00	2.13		
Toluene*	<0.050	0.050	05/11/2023	ND	2.17	109	2.00	2.12		
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.14	107	2.00	2.26		
Total Xylenes*	0.169	0.150	05/11/2023	ND	6.51	109	6.00	1.74		
Total BTEX	<0.300	0.300	05/11/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	880	16.0	05/11/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/11/2023	ND	179	89.3	200	0.0454	
DRO >C10-C28*	26.2	10.0	05/11/2023	ND	168	83.9	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/10/2023
 Reported: 05/15/2023
 Project Name: PINNACLE CTB 35H LEASE ROAD
 Project Number: 236729
 Project Location: DEVON-EDDY CO., NM

Sampling Date: 05/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 3 (4') (H232321-03)

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	05/11/2023	ND	2.18	109	2.00	2.13		
Toluene*	<0.050	0.050	05/11/2023	ND	2.17	109	2.00	2.12		
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.14	107	2.00	2.26		
Total Xylenes*	0.177	0.150	05/11/2023	ND	6.51	109	6.00	1.74		
Total BTEX	<0.300	0.300	05/11/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	816	16.0	05/11/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/11/2023	ND	179	89.3	200	0.0454	
DRO >C10-C28*	28.2	10.0	05/11/2023	ND	168	83.9	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/10/2023
 Reported: 05/15/2023
 Project Name: PINNACLE CTB 35H LEASE ROAD
 Project Number: 236729
 Project Location: DEVON-EDDY CO., NM

Sampling Date: 05/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 5 (4') (H232321-04)

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	05/11/2023	ND	2.18	109	2.00	2.13		
Toluene*	<0.050	0.050	05/11/2023	ND	2.17	109	2.00	2.12		
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.14	107	2.00	2.26		
Total Xylenes*	0.185	0.150	05/11/2023	ND	6.51	109	6.00	1.74		
Total BTEX	<0.300	0.300	05/11/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	816	16.0	05/11/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/11/2023	ND	179	89.3	200	0.0454	
DRO >C10-C28*	39.1	10.0	05/11/2023	ND	168	83.9	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/10/2023
 Reported: 05/15/2023
 Project Name: PINNACLE CTB 35H LEASE ROAD
 Project Number: 236729
 Project Location: DEVON-EDDY CO., NM

Sampling Date: 05/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 6 (4') (H232321-05)

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	05/11/2023	ND	2.18	109	2.00	2.13		
Toluene*	<0.050	0.050	05/11/2023	ND	2.17	109	2.00	2.12		
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.14	107	2.00	2.26		
Total Xylenes*	0.190	0.150	05/11/2023	ND	6.51	109	6.00	1.74		
Total BTEX	<0.300	0.300	05/11/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	832	16.0	05/11/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/11/2023	ND	179	89.3	200	0.0454	
DRO >C10-C28*	27.9	10.0	05/11/2023	ND	168	83.9	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/10/2023
 Reported: 05/15/2023
 Project Name: PINNACLE CTB 35H LEASE ROAD
 Project Number: 236729
 Project Location: DEVON-EDDY CO., NM

Sampling Date: 05/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 7 (4') (H232321-06)

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	05/11/2023	ND	2.18	109	2.00	2.13	
Toluene*	<0.050	0.050	05/11/2023	ND	2.17	109	2.00	2.12	
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.14	107	2.00	2.26	
Total Xylenes*	0.171	0.150	05/11/2023	ND	6.51	109	6.00	1.74	
Total BTEX	<0.300	0.300	05/11/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	832	16.0	05/11/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/11/2023	ND	179	89.3	200	0.0454	
DRO >C10-C28*	30.5	10.0	05/11/2023	ND	168	83.9	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 91.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.8 % 49.1-148

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Analytical Results For:

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

Received: 05/10/2023
 Reported: 05/15/2023
 Project Name: PINNACLE CTB 35H LEASE ROAD
 Project Number: 236729
 Project Location: DEVON-EDDY CO., NM

Sampling Date: 05/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 8 (4') (H232321-07)

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	05/11/2023	ND	2.18	109	2.00	2.13		
Toluene*	<0.050	0.050	05/11/2023	ND	2.17	109	2.00	2.12		
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.14	107	2.00	2.26		
Total Xylenes*	<0.150	0.150	05/11/2023	ND	6.51	109	6.00	1.74		
Total BTEX	<0.300	0.300	05/11/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	720	16.0	05/11/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/11/2023	ND	179	89.3	200	0.0454	
DRO >C10-C28*	32.1	10.0	05/11/2023	ND	168	83.9	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/10/2023
 Reported: 05/15/2023
 Project Name: PINNACLE CTB 35H LEASE ROAD
 Project Number: 236729
 Project Location: DEVON-EDDY CO., NM

Sampling Date: 05/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 9 (4') (H232321-08)

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	05/11/2023	ND	2.18	109	2.00	2.13	
Toluene*	<0.050	0.050	05/11/2023	ND	2.17	109	2.00	2.12	
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.14	107	2.00	2.26	
Total Xylenes*	<0.150	0.150	05/11/2023	ND	6.51	109	6.00	1.74	
Total BTEx	<0.300	0.300	05/11/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	05/11/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/11/2023	ND	179	89.3	200	0.0454	
DRO >C10-C28*	115	10.0	05/11/2023	ND	168	83.9	200	2.81	
EXT DRO >C28-C36	18.8	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 96.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Analytical Results For:

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

Received:	05/10/2023	Sampling Date:	05/09/2023
Reported:	05/15/2023	Sampling Type:	Soil
Project Name:	PINNACLE CTB 35H LEASE ROAD	Sampling Condition:	Cool & Intact
Project Number:	236729	Sample Received By:	Tamara Oldaker
Project Location:	DEVON-EDDY CO., NM		

Sample ID: CS - 10 (4.5') (H232321-09)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/11/2023	ND	2.18	109	2.00	2.13	
Toluene*	<0.050	0.050	05/11/2023	ND	2.17	109	2.00	2.12	
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.14	107	2.00	2.26	
Total Xylenes*	<0.150	0.150	05/11/2023	ND	6.51	109	6.00	1.74	
Total BTEx	<0.300	0.300	05/11/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	05/11/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/11/2023	ND	179	89.3	200	0.0454	
DRO >C10-C28*	116	10.0	05/11/2023	ND	168	83.9	200	2.81	
EXT DRO >C28-C36	15.2	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 90.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

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

Received: 05/10/2023
 Reported: 05/15/2023
 Project Name: PINNACLE CTB 35H LEASE ROAD
 Project Number: 236729
 Project Location: DEVON-EDDY CO., NM

Sampling Date: 05/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 11 (4.5') (H232321-10)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/11/2023	ND	2.18	109	2.00	2.13	
Toluene*	<0.050	0.050	05/11/2023	ND	2.17	109	2.00	2.12	
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.14	107	2.00	2.26	
Total Xylenes*	<0.150	0.150	05/11/2023	ND	6.51	109	6.00	1.74	
Total BTEx	<0.300	0.300	05/11/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/11/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/11/2023	ND	179	89.3	200	0.0454	
DRO >C10-C28*	114	10.0	05/11/2023	ND	168	83.9	200	2.81	
EXT DRO >C28-C36	17.0	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 90.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

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

Received: 05/10/2023
 Reported: 05/15/2023
 Project Name: PINNACLE CTB 35H LEASE ROAD
 Project Number: 236729
 Project Location: DEVON-EDDY CO., NM

Sampling Date: 05/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 12 (4.5') (H232321-11)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/11/2023	ND	2.18	109	2.00	2.13		
Toluene*	<0.050	0.050	05/11/2023	ND	2.17	109	2.00	2.12		
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.14	107	2.00	2.26		
Total Xylenes*	<0.150	0.150	05/11/2023	ND	6.51	109	6.00	1.74		
Total BTEx	<0.300	0.300	05/11/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/11/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/11/2023	ND	179	89.3	200	0.0454	
DRO >C10-C28*	130	10.0	05/11/2023	ND	168	83.9	200	2.81	
EXT DRO >C28-C36	21.2	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 87.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.3 % 49.1-148

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Analytical Results For:

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

Received:	05/10/2023	Sampling Date:	05/09/2023
Reported:	05/15/2023	Sampling Type:	Soil
Project Name:	PINNACLE CTB 35H LEASE ROAD	Sampling Condition:	Cool & Intact
Project Number:	236729	Sample Received By:	Tamara Oldaker
Project Location:	DEVON-EDDY CO., NM		

Sample ID: CS - 13 (4.5') (H232321-12)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/11/2023	ND	2.18	109	2.00	2.13	
Toluene*	<0.050	0.050	05/11/2023	ND	2.17	109	2.00	2.12	
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.14	107	2.00	2.26	
Total Xylenes*	<0.150	0.150	05/11/2023	ND	6.51	109	6.00	1.74	
Total BTEx	<0.300	0.300	05/11/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/11/2023	ND	416	104	400	7.41	

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	05/11/2023	ND	179	89.3	200	0.0454	
DRO >C10-C28*	135	10.0	05/11/2023	ND	168	83.9	200	2.81	
EXT DRO >C28-C36	25.5	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/10/2023	Sampling Date:	05/09/2023
Reported:	05/15/2023	Sampling Type:	Soil
Project Name:	PINNACLE CTB 35H LEASE ROAD	Sampling Condition:	Cool & Intact
Project Number:	236729	Sample Received By:	Tamara Oldaker
Project Location:	DEVON-EDDY CO., NM		

Sample ID: CS - 14 (4.5') (H232321-13)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/11/2023	ND	2.18	109	2.00	2.13		
Toluene*	<0.050	0.050	05/11/2023	ND	2.17	109	2.00	2.12		
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.14	107	2.00	2.26		
Total Xylenes*	<0.150	0.150	05/11/2023	ND	6.51	109	6.00	1.74		
Total BTEx	<0.300	0.300	05/11/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	05/11/2023	ND	416	104	400	7.41		

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	05/11/2023	ND	179	89.3	200	0.0454	
DRO >C10-C28*	144	10.0	05/11/2023	ND	168	83.9	200	2.81	
EXT DRO >C28-C36	32.5	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 94.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/10/2023
 Reported: 05/15/2023
 Project Name: PINNACLE CTB 35H LEASE ROAD
 Project Number: 236729
 Project Location: DEVON-EDDY CO., NM

Sampling Date: 05/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 15 (4.5') (H232321-14)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/11/2023	ND	2.18	109	2.00	2.13		
Toluene*	<0.050	0.050	05/11/2023	ND	2.17	109	2.00	2.12		
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.14	107	2.00	2.26		
Total Xylenes*	<0.150	0.150	05/11/2023	ND	6.51	109	6.00	1.74		
Total BTEx	<0.300	0.300	05/11/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

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	05/11/2023	ND	416	104	400	7.41		

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	05/11/2023	ND	179	89.3	200	0.0454	
DRO >C10-C28*	130	10.0	05/11/2023	ND	168	83.9	200	2.81	
EXT DRO >C28-C36	21.6	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/10/2023	Sampling Date:	05/09/2023
Reported:	05/15/2023	Sampling Type:	Soil
Project Name:	PINNACLE CTB 35H LEASE ROAD	Sampling Condition:	Cool & Intact
Project Number:	236729	Sample Received By:	Tamara Oldaker
Project Location:	DEVON-EDDY CO., NM		

Sample ID: CS - 16 (4.5') (H232321-15)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/11/2023	ND	2.18	109	2.00	2.13		
Toluene*	<0.050	0.050	05/11/2023	ND	2.17	109	2.00	2.12		
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.14	107	2.00	2.26		
Total Xylenes*	<0.150	0.150	05/11/2023	ND	6.51	109	6.00	1.74		
Total BTEx	<0.300	0.300	05/11/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	05/11/2023	ND	416	104	400	7.41		

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	05/11/2023	ND	179	89.3	200	0.0454	
DRO >C10-C28*	102	10.0	05/11/2023	ND	168	83.9	200	2.81	
EXT DRO >C28-C36	19.2	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 97.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/10/2023	Sampling Date:	05/09/2023
Reported:	05/15/2023	Sampling Type:	Soil
Project Name:	PINNACLE CTB 35H LEASE ROAD	Sampling Condition:	Cool & Intact
Project Number:	236729	Sample Received By:	Tamara Oldaker
Project Location:	DEVON-EDDY CO., NM		

Sample ID: CS - 17 (4.5') (H232321-16)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/11/2023	ND	2.18	109	2.00	2.13		
Toluene*	<0.050	0.050	05/11/2023	ND	2.17	109	2.00	2.12		
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.14	107	2.00	2.26		
Total Xylenes*	<0.150	0.150	05/11/2023	ND	6.51	109	6.00	1.74		
Total BTEx	<0.300	0.300	05/11/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	05/11/2023	ND	416	104	400	7.41		

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	05/11/2023	ND	179	89.3	200	0.0454	
DRO >C10-C28*	92.5	10.0	05/11/2023	ND	168	83.9	200	2.81	
EXT DRO >C28-C36	15.0	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 92.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

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

Received:	05/10/2023	Sampling Date:	05/09/2023
Reported:	05/15/2023	Sampling Type:	Soil
Project Name:	PINNACLE CTB 35H LEASE ROAD	Sampling Condition:	Cool & Intact
Project Number:	236729	Sample Received By:	Tamara Oldaker
Project Location:	DEVON-EDDY CO., NM		

Sample ID: CS - 18 (4.5') (H232321-17)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/11/2023	ND	2.18	109	2.00	2.13	
Toluene*	<0.050	0.050	05/11/2023	ND	2.17	109	2.00	2.12	
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.14	107	2.00	2.26	
Total Xylenes*	<0.150	0.150	05/11/2023	ND	6.51	109	6.00	1.74	
Total BTEx	<0.300	0.300	05/11/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

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	05/11/2023	ND	416	104	400	7.41	

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	05/11/2023	ND	179	89.3	200	0.0454	
DRO >C10-C28*	102	10.0	05/11/2023	ND	168	83.9	200	2.81	
EXT DRO >C28-C36	17.7	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 95.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/10/2023	Sampling Date:	05/09/2023
Reported:	05/15/2023	Sampling Type:	Soil
Project Name:	PINNACLE CTB 35H LEASE ROAD	Sampling Condition:	Cool & Intact
Project Number:	236729	Sample Received By:	Tamara Oldaker
Project Location:	DEVON-EDDY CO., NM		

Sample ID: CS - 19 (4.5') (H232321-18)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/11/2023	ND	2.18	109	2.00	2.13		
Toluene*	<0.050	0.050	05/11/2023	ND	2.17	109	2.00	2.12		
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.14	107	2.00	2.26		
Total Xylenes*	<0.150	0.150	05/11/2023	ND	6.51	109	6.00	1.74		
Total BTEx	<0.300	0.300	05/11/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

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	05/11/2023	ND	416	104	400	7.41		

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	05/11/2023	ND	179	89.3	200	0.0454	
DRO >C10-C28*	31.4	10.0	05/11/2023	ND	168	83.9	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 90.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.1 % 49.1-148

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Analytical Results For:

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

Received: 05/10/2023
 Reported: 05/15/2023
 Project Name: PINNACLE CTB 35H LEASE ROAD
 Project Number: 236729
 Project Location: DEVON-EDDY CO., NM

Sampling Date: 05/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 20 (4.5') (H232321-19)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/11/2023	ND	2.18	109	2.00	2.13	
Toluene*	<0.050	0.050	05/11/2023	ND	2.17	109	2.00	2.12	
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.14	107	2.00	2.26	
Total Xylenes*	<0.150	0.150	05/11/2023	ND	6.51	109	6.00	1.74	
Total BTEx	<0.300	0.300	05/11/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/11/2023	ND	416	104	400	7.41	

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	05/11/2023	ND	179	89.3	200	0.0454	
DRO >C10-C28*	27.9	10.0	05/11/2023	ND	168	83.9	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 88.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/10/2023	Sampling Date:	05/09/2023
Reported:	05/15/2023	Sampling Type:	Soil
Project Name:	PINNACLE CTB 35H LEASE ROAD	Sampling Condition:	Cool & Intact
Project Number:	236729	Sample Received By:	Tamara Oldaker
Project Location:	DEVON-EDDY CO., NM		

Sample ID: CS - 21 (4.5') (H232321-20)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/11/2023	ND	2.18	109	2.00	2.13	
Toluene*	<0.050	0.050	05/11/2023	ND	2.17	109	2.00	2.12	
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.14	107	2.00	2.26	
Total Xylenes*	<0.150	0.150	05/11/2023	ND	6.51	109	6.00	1.74	
Total BTEx	<0.300	0.300	05/11/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/11/2023	ND	416	104	400	7.41	

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	05/11/2023	ND	179	89.3	200	0.0454	
DRO >C10-C28*	39.8	10.0	05/11/2023	ND	168	83.9	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 79.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/10/2023
 Reported: 05/15/2023
 Project Name: PINNACLE CTB 35H LEASE ROAD
 Project Number: 236729
 Project Location: DEVON-EDDY CO., NM

Sampling Date: 05/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 22 (4.5') (H232321-21)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/10/2023	ND	1.94	97.1	2.00	13.3		
Toluene*	<0.050	0.050	05/10/2023	ND	1.92	95.9	2.00	12.6		
Ethylbenzene*	<0.050	0.050	05/10/2023	ND	2.04	102	2.00	12.7		
Total Xylenes*	<0.150	0.150	05/10/2023	ND	5.99	99.9	6.00	12.3		
Total BTEx	<0.300	0.300	05/10/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	05/11/2023	ND	416	104	400	7.41		

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	05/11/2023	ND	190	95.1	200	2.91	
DRO >C10-C28*	43.3	10.0	05/11/2023	ND	180	90.1	200	7.94	
EXT DRO >C28-C36	<10.0	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 96.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/10/2023
 Reported: 05/15/2023
 Project Name: PINNACLE CTB 35H LEASE ROAD
 Project Number: 236729
 Project Location: DEVON-EDDY CO., NM

Sampling Date: 05/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 23 (4.5') (H232321-22)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/10/2023	ND	1.94	97.1	2.00	13.3		
Toluene*	<0.050	0.050	05/10/2023	ND	1.92	95.9	2.00	12.6		
Ethylbenzene*	<0.050	0.050	05/10/2023	ND	2.04	102	2.00	12.7		
Total Xylenes*	<0.150	0.150	05/10/2023	ND	5.99	99.9	6.00	12.3		
Total BTEx	<0.300	0.300	05/10/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	05/11/2023	ND	416	104	400	7.41		

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	05/11/2023	ND	190	95.1	200	2.91	
DRO >C10-C28*	26.8	10.0	05/11/2023	ND	180	90.1	200	7.94	
EXT DRO >C28-C36	<10.0	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/10/2023	Sampling Date:	05/09/2023
Reported:	05/15/2023	Sampling Type:	Soil
Project Name:	PINNACLE CTB 35H LEASE ROAD	Sampling Condition:	Cool & Intact
Project Number:	236729	Sample Received By:	Tamara Oldaker
Project Location:	DEVON-EDDY CO., NM		

Sample ID: CS - 24 (4.5') (H232321-23)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/10/2023	ND	1.94	97.1	2.00	13.3	
Toluene*	<0.050	0.050	05/10/2023	ND	1.92	95.9	2.00	12.6	
Ethylbenzene*	<0.050	0.050	05/10/2023	ND	2.04	102	2.00	12.7	
Total Xylenes*	<0.150	0.150	05/10/2023	ND	5.99	99.9	6.00	12.3	
Total BTEx	<0.300	0.300	05/10/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	05/11/2023	ND	416	104	400	7.41		

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	05/11/2023	ND	190	95.1	200	2.91	
DRO >C10-C28*	36.9	10.0	05/11/2023	ND	180	90.1	200	7.94	
EXT DRO >C28-C36	<10.0	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 99.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/10/2023
 Reported: 05/15/2023
 Project Name: PINNACLE CTB 35H LEASE ROAD
 Project Number: 236729
 Project Location: DEVON-EDDY CO., NM

Sampling Date: 05/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 25 (4.5') (H232321-24)

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	05/10/2023	ND	1.94	97.1	2.00	13.3		
Toluene*	<0.050	0.050	05/10/2023	ND	1.92	95.9	2.00	12.6		
Ethylbenzene*	<0.050	0.050	05/10/2023	ND	2.04	102	2.00	12.7		
Total Xylenes*	<0.150	0.150	05/10/2023	ND	5.99	99.9	6.00	12.3		
Total BTEx	<0.300	0.300	05/10/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/11/2023	ND	416	104	400	7.41	

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	05/11/2023	ND	190	95.1	200	2.91	
DRO >C10-C28*	51.1	10.0	05/11/2023	ND	180	90.1	200	7.94	
EXT DRO >C28-C36	<10.0	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.5 % 49.1-148

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Analytical Results For:

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

Received: 05/10/2023
 Reported: 05/15/2023
 Project Name: PINNACLE CTB 35H LEASE ROAD
 Project Number: 236729
 Project Location: DEVON-EDDY CO., NM

Sampling Date: 05/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 26 (4.5') (H232321-25)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/10/2023	ND	1.94	97.1	2.00	13.3		
Toluene*	<0.050	0.050	05/10/2023	ND	1.92	95.9	2.00	12.6		
Ethylbenzene*	<0.050	0.050	05/10/2023	ND	2.04	102	2.00	12.7		
Total Xylenes*	<0.150	0.150	05/10/2023	ND	5.99	99.9	6.00	12.3		
Total BTEx	<0.300	0.300	05/10/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	05/11/2023	ND	416	104	400	7.41		

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	05/11/2023	ND	190	95.1	200	2.91	
DRO >C10-C28*	30.6	10.0	05/11/2023	ND	180	90.1	200	7.94	
EXT DRO >C28-C36	<10.0	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Analytical Results For:

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

Received: 05/10/2023
 Reported: 05/15/2023
 Project Name: PINNACLE CTB 35H LEASE ROAD
 Project Number: 236729
 Project Location: DEVON-EDDY CO., NM

Sampling Date: 05/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 27 (4.5') (H232321-26)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/10/2023	ND	1.94	97.1	2.00	13.3	
Toluene*	<0.050	0.050	05/10/2023	ND	1.92	95.9	2.00	12.6	
Ethylbenzene*	<0.050	0.050	05/10/2023	ND	2.04	102	2.00	12.7	
Total Xylenes*	<0.150	0.150	05/10/2023	ND	5.99	99.9	6.00	12.3	
Total BTEx	<0.300	0.300	05/10/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/11/2023	ND	416	104	400	7.41	

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	05/11/2023	ND	190	95.1	200	2.91	
DRO >C10-C28*	42.4	10.0	05/11/2023	ND	180	90.1	200	7.94	
EXT DRO >C28-C36	<10.0	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/10/2023
 Reported: 05/15/2023
 Project Name: PINNACLE CTB 35H LEASE ROAD
 Project Number: 236729
 Project Location: DEVON-EDDY CO., NM

Sampling Date: 05/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 28 (4.5') (H232321-27)

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	05/10/2023	ND	1.94	97.1	2.00	13.3	
Toluene*	<0.050	0.050	05/10/2023	ND	1.92	95.9	2.00	12.6	
Ethylbenzene*	<0.050	0.050	05/10/2023	ND	2.04	102	2.00	12.7	
Total Xylenes*	<0.150	0.150	05/10/2023	ND	5.99	99.9	6.00	12.3	
Total BTEx	<0.300	0.300	05/10/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/11/2023	ND	416	104	400	7.41	

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	05/11/2023	ND	190	95.1	200	2.91	
DRO >C10-C28*	42.4	10.0	05/11/2023	ND	180	90.1	200	7.94	
EXT DRO >C28-C36	<10.0	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/10/2023
 Reported: 05/15/2023
 Project Name: PINNACLE CTB 35H LEASE ROAD
 Project Number: 236729
 Project Location: DEVON-EDDY CO., NM

Sampling Date: 05/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 29 (4.5') (H232321-28)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/10/2023	ND	1.94	97.1	2.00	13.3		
Toluene*	<0.050	0.050	05/10/2023	ND	1.92	95.9	2.00	12.6		
Ethylbenzene*	<0.050	0.050	05/10/2023	ND	2.04	102	2.00	12.7		
Total Xylenes*	<0.150	0.150	05/10/2023	ND	5.99	99.9	6.00	12.3		
Total BTEX	<0.300	0.300	05/10/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/11/2023	ND	416	104	400	7.41	

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	05/11/2023	ND	190	95.1	200	2.91	
DRO >C10-C28*	35.2	10.0	05/11/2023	ND	180	90.1	200	7.94	
EXT DRO >C28-C36	<10.0	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/10/2023
 Reported: 05/15/2023
 Project Name: PINNACLE CTB 35H LEASE ROAD
 Project Number: 236729
 Project Location: DEVON-EDDY CO., NM

Sampling Date: 05/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 30 (4.5') (H232321-29)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/10/2023	ND	1.94	97.1	2.00	13.3		
Toluene*	<0.050	0.050	05/10/2023	ND	1.92	95.9	2.00	12.6		
Ethylbenzene*	<0.050	0.050	05/10/2023	ND	2.04	102	2.00	12.7		
Total Xylenes*	<0.150	0.150	05/10/2023	ND	5.99	99.9	6.00	12.3		
Total BTEX	<0.300	0.300	05/10/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/11/2023	ND	416	104	400	7.41	

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	05/11/2023	ND	190	95.1	200	2.91	
DRO >C10-C28*	50.0	10.0	05/11/2023	ND	180	90.1	200	7.94	
EXT DRO >C28-C36	<10.0	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/10/2023
 Reported: 05/15/2023
 Project Name: PINNACLE CTB 35H LEASE ROAD
 Project Number: 236729
 Project Location: DEVON-EDDY CO., NM

Sampling Date: 05/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 31 (4.5') (H232321-30)

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	05/11/2023	ND	1.94	97.1	2.00	13.3		
Toluene*	<0.050	0.050	05/11/2023	ND	1.92	95.9	2.00	12.6		
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.04	102	2.00	12.7		
Total Xylenes*	<0.150	0.150	05/11/2023	ND	5.99	99.9	6.00	12.3		
Total BTEX	<0.300	0.300	05/11/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/11/2023	ND	416	104	400	7.41	

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	05/11/2023	ND	190	95.1	200	2.91	
DRO >C10-C28*	29.8	10.0	05/11/2023	ND	180	90.1	200	7.94	
EXT DRO >C28-C36	<10.0	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.3 % 49.1-148

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Analytical Results For:

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

Received:	05/10/2023	Sampling Date:	05/09/2023
Reported:	05/15/2023	Sampling Type:	Soil
Project Name:	PINNACLE CTB 35H LEASE ROAD	Sampling Condition:	Cool & Intact
Project Number:	236729	Sample Received By:	Tamara Oldaker
Project Location:	DEVON-EDDY CO., NM		

Sample ID: CS - 32 (4.5') (H232321-31)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/11/2023	ND	1.94	97.1	2.00	13.3		
Toluene*	<0.050	0.050	05/11/2023	ND	1.92	95.9	2.00	12.6		
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.04	102	2.00	12.7		
Total Xylenes*	<0.150	0.150	05/11/2023	ND	5.99	99.9	6.00	12.3		
Total BTEX	<0.300	0.300	05/11/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	05/11/2023	ND	416	104	400	7.41		

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	05/11/2023	ND	190	95.1	200	2.91	
DRO >C10-C28*	27.5	10.0	05/11/2023	ND	180	90.1	200	7.94	
EXT DRO >C28-C36	<10.0	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/10/2023	Sampling Date:	05/09/2023
Reported:	05/15/2023	Sampling Type:	Soil
Project Name:	PINNACLE CTB 35H LEASE ROAD	Sampling Condition:	Cool & Intact
Project Number:	236729	Sample Received By:	Tamara Oldaker
Project Location:	DEVON-EDDY CO., NM		

Sample ID: CS - 33 (4.5') (H232321-32)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/11/2023	ND	1.94	97.1	2.00	13.3	
Toluene*	<0.050	0.050	05/11/2023	ND	1.92	95.9	2.00	12.6	
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.04	102	2.00	12.7	
Total Xylenes*	<0.150	0.150	05/11/2023	ND	5.99	99.9	6.00	12.3	
Total BTEX	<0.300	0.300	05/11/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

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	05/11/2023	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	05/11/2023	ND	190	95.1	200	2.91	
DRO >C10-C28*	20.3	10.0	05/11/2023	ND	180	90.1	200	7.94	
EXT DRO >C28-C36	<10.0	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 99.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/10/2023
 Reported: 05/15/2023
 Project Name: PINNACLE CTB 35H LEASE ROAD
 Project Number: 236729
 Project Location: DEVON-EDDY CO., NM

Sampling Date: 05/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 34 (4.5') (H232321-33)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/11/2023	ND	1.94	97.1	2.00	13.3		
Toluene*	<0.050	0.050	05/11/2023	ND	1.92	95.9	2.00	12.6		
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.04	102	2.00	12.7		
Total Xylenes*	<0.150	0.150	05/11/2023	ND	5.99	99.9	6.00	12.3		
Total BTEx	<0.300	0.300	05/11/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/11/2023	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	05/11/2023	ND	190	95.1	200	2.91	
DRO >C10-C28*	17.5	10.0	05/11/2023	ND	180	90.1	200	7.94	
EXT DRO >C28-C36	<10.0	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 97.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.2 % 49.1-148

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Analytical Results For:

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

Received:	05/10/2023	Sampling Date:	05/09/2023
Reported:	05/15/2023	Sampling Type:	Soil
Project Name:	PINNACLE CTB 35H LEASE ROAD	Sampling Condition:	Cool & Intact
Project Number:	236729	Sample Received By:	Tamara Oldaker
Project Location:	DEVON-EDDY CO., NM		

Sample ID: CS - 35 (4.5') (H232321-34)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/11/2023	ND	1.94	97.1	2.00	13.3		
Toluene*	<0.050	0.050	05/11/2023	ND	1.92	95.9	2.00	12.6		
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.04	102	2.00	12.7		
Total Xylenes*	<0.150	0.150	05/11/2023	ND	5.99	99.9	6.00	12.3		
Total BTEX	<0.300	0.300	05/11/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/11/2023	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	05/11/2023	ND	190	95.1	200	2.91	
DRO >C10-C28*	15.5	10.0	05/11/2023	ND	180	90.1	200	7.94	
EXT DRO >C28-C36	<10.0	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/10/2023	Sampling Date:	05/09/2023
Reported:	05/15/2023	Sampling Type:	Soil
Project Name:	PINNACLE CTB 35H LEASE ROAD	Sampling Condition:	Cool & Intact
Project Number:	236729	Sample Received By:	Tamara Oldaker
Project Location:	DEVON-EDDY CO., NM		

Sample ID: CS - 36 (4.5') (H232321-35)

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	05/11/2023	ND	1.94	97.1	2.00	13.3	
Toluene*	<0.050	0.050	05/11/2023	ND	1.92	95.9	2.00	12.6	
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.04	102	2.00	12.7	
Total Xylenes*	<0.150	0.150	05/11/2023	ND	5.99	99.9	6.00	12.3	
Total BTEx	<0.300	0.300	05/11/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

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	05/11/2023	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	05/11/2023	ND	190	95.1	200	2.91	
DRO >C10-C28*	20.1	10.0	05/11/2023	ND	180	90.1	200	7.94	
EXT DRO >C28-C36	<10.0	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.7 % 49.1-148

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Analytical Results For:

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

Received: 05/10/2023
 Reported: 05/15/2023
 Project Name: PINNACLE CTB 35H LEASE ROAD
 Project Number: 236729
 Project Location: DEVON-EDDY CO., NM

Sampling Date: 05/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 37 (4.5') (H232321-36)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/11/2023	ND	1.94	97.1	2.00	13.3	
Toluene*	<0.050	0.050	05/11/2023	ND	1.92	95.9	2.00	12.6	
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.04	102	2.00	12.7	
Total Xylenes*	<0.150	0.150	05/11/2023	ND	5.99	99.9	6.00	12.3	
Total BTEx	<0.300	0.300	05/11/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/11/2023	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	05/11/2023	ND	190	95.1	200	2.91	
DRO >C10-C28*	22.5	10.0	05/11/2023	ND	180	90.1	200	7.94	
EXT DRO >C28-C36	<10.0	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/10/2023
 Reported: 05/15/2023
 Project Name: PINNACLE CTB 35H LEASE ROAD
 Project Number: 236729
 Project Location: DEVON-EDDY CO., NM

Sampling Date: 05/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 38 (4.5') (H232321-37)

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	05/11/2023	ND	1.94	97.1	2.00	13.3		
Toluene*	<0.050	0.050	05/11/2023	ND	1.92	95.9	2.00	12.6		
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.04	102	2.00	12.7		
Total Xylenes*	<0.150	0.150	05/11/2023	ND	5.99	99.9	6.00	12.3		
Total BTEx	<0.300	0.300	05/11/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	05/11/2023	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	05/11/2023	ND	190	95.1	200	2.91	
DRO >C10-C28*	<10.0	10.0	05/11/2023	ND	180	90.1	200	7.94	
EXT DRO >C28-C36	<10.0	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 96.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/10/2023	Sampling Date:	05/09/2023
Reported:	05/15/2023	Sampling Type:	Soil
Project Name:	PINNACLE CTB 35H LEASE ROAD	Sampling Condition:	Cool & Intact
Project Number:	236729	Sample Received By:	Tamara Oldaker
Project Location:	DEVON-EDDY CO., NM		

Sample ID: CS - 39 (4.5') (H232321-38)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/11/2023	ND	1.94	97.1	2.00	13.3		
Toluene*	<0.050	0.050	05/11/2023	ND	1.92	95.9	2.00	12.6		
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.04	102	2.00	12.7		
Total Xylenes*	<0.150	0.150	05/11/2023	ND	5.99	99.9	6.00	12.3		
Total BTEx	<0.300	0.300	05/11/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	05/11/2023	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	05/11/2023	ND	190	95.1	200	2.91	
DRO >C10-C28*	<10.0	10.0	05/11/2023	ND	180	90.1	200	7.94	
EXT DRO >C28-C36	<10.0	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 91.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/10/2023	Sampling Date:	05/09/2023
Reported:	05/15/2023	Sampling Type:	Soil
Project Name:	PINNACLE CTB 35H LEASE ROAD	Sampling Condition:	Cool & Intact
Project Number:	236729	Sample Received By:	Tamara Oldaker
Project Location:	DEVON-EDDY CO., NM		

Sample ID: CS - 40 (4.5') (H232321-39)

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	05/11/2023	ND	1.94	97.1	2.00	13.3		
Toluene*	<0.050	0.050	05/11/2023	ND	1.92	95.9	2.00	12.6		
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.04	102	2.00	12.7		
Total Xylenes*	<0.150	0.150	05/11/2023	ND	5.99	99.9	6.00	12.3		
Total BTEX	<0.300	0.300	05/11/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	05/11/2023	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	05/11/2023	ND	190	95.1	200	2.91	
DRO >C10-C28*	<10.0	10.0	05/11/2023	ND	180	90.1	200	7.94	
EXT DRO >C28-C36	<10.0	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 88.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/10/2023	Sampling Date:	05/09/2023
Reported:	05/15/2023	Sampling Type:	Soil
Project Name:	PINNACLE CTB 35H LEASE ROAD	Sampling Condition:	Cool & Intact
Project Number:	236729	Sample Received By:	Tamara Oldaker
Project Location:	DEVON-EDDY CO., NM		

Sample ID: CS - 41 (4.5') (H232321-40)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/11/2023	ND	1.94	97.1	2.00	13.3		
Toluene*	<0.050	0.050	05/11/2023	ND	1.92	95.9	2.00	12.6		
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.04	102	2.00	12.7		
Total Xylenes*	<0.150	0.150	05/11/2023	ND	5.99	99.9	6.00	12.3		
Total BTX	<0.300	0.300	05/11/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	05/11/2023	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	05/11/2023	ND	190	95.1	200	2.91	
DRO >C10-C28*	<10.0	10.0	05/11/2023	ND	180	90.1	200	7.94	
EXT DRO >C28-C36	<10.0	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 87.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.8 % 49.1-148

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Analytical Results For:

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

Received: 05/10/2023
 Reported: 05/15/2023
 Project Name: PINNACLE CTB 35H LEASE ROAD
 Project Number: 236729
 Project Location: DEVON-EDDY CO., NM

Sampling Date: 05/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 42 (4.5') (H232321-41)

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	05/11/2023	ND	2.05	102	2.00	13.7	
Toluene*	<0.050	0.050	05/11/2023	ND	2.10	105	2.00	12.8	
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.02	101	2.00	10.6	
Total Xylenes*	<0.150	0.150	05/11/2023	ND	6.26	104	6.00	11.0	
Total BTEx	<0.300	0.300	05/11/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	05/11/2023	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	05/11/2023	ND	169	84.3	200	3.96	
DRO >C10-C28*	20.8	10.0	05/11/2023	ND	163	81.6	200	11.4	
EXT DRO >C28-C36	<10.0	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 85.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.1 % 49.1-148

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Analytical Results For:

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

Received: 05/10/2023
 Reported: 05/15/2023
 Project Name: PINNACLE CTB 35H LEASE ROAD
 Project Number: 236729
 Project Location: DEVON-EDDY CO., NM

Sampling Date: 05/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 43 (4.5') (H232321-42)

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	05/11/2023	ND	2.05	102	2.00	13.7	
Toluene*	<0.050	0.050	05/11/2023	ND	2.10	105	2.00	12.8	
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.02	101	2.00	10.6	
Total Xylenes*	<0.150	0.150	05/11/2023	ND	6.26	104	6.00	11.0	
Total BTEx	<0.300	0.300	05/11/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	05/11/2023	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	05/11/2023	ND	169	84.3	200	3.96	
DRO >C10-C28*	21.5	10.0	05/11/2023	ND	163	81.6	200	11.4	
EXT DRO >C28-C36	<10.0	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 92.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Analytical Results For:

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

Received:	05/10/2023	Sampling Date:	05/09/2023
Reported:	05/15/2023	Sampling Type:	Soil
Project Name:	PINNACLE CTB 35H LEASE ROAD	Sampling Condition:	Cool & Intact
Project Number:	236729	Sample Received By:	Tamara Oldaker
Project Location:	DEVON-EDDY CO., NM		

Sample ID: CS - 44 (4.5') (H232321-43)

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	05/11/2023	ND	2.05	102	2.00	13.7		
Toluene*	<0.050	0.050	05/11/2023	ND	2.10	105	2.00	12.8		
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.02	101	2.00	10.6		
Total Xylenes*	<0.150	0.150	05/11/2023	ND	6.26	104	6.00	11.0		
Total BTEx	<0.300	0.300	05/11/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

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	05/11/2023	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	05/11/2023	ND	169	84.3	200	3.96	
DRO >C10-C28*	43.1	10.0	05/11/2023	ND	163	81.6	200	11.4	
EXT DRO >C28-C36	<10.0	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 82.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.6 % 49.1-148

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Analytical Results For:

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

Received: 05/10/2023
 Reported: 05/15/2023
 Project Name: PINNACLE CTB 35H LEASE ROAD
 Project Number: 236729
 Project Location: DEVON-EDDY CO., NM

Sampling Date: 05/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 45 (3') (H232321-44)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/11/2023	ND	2.05	102	2.00	13.7	
Toluene*	<0.050	0.050	05/11/2023	ND	2.10	105	2.00	12.8	
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.02	101	2.00	10.6	
Total Xylenes*	<0.150	0.150	05/11/2023	ND	6.26	104	6.00	11.0	
Total BTX	<0.300	0.300	05/11/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/11/2023	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	05/11/2023	ND	169	84.3	200	3.96	
DRO >C10-C28*	44.4	10.0	05/11/2023	ND	163	81.6	200	11.4	
EXT DRO >C28-C36	<10.0	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 85.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.7 % 49.1-148

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Analytical Results For:

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

Received: 05/10/2023
 Reported: 05/15/2023
 Project Name: PINNACLE CTB 35H LEASE ROAD
 Project Number: 236729
 Project Location: DEVON-EDDY CO., NM

Sampling Date: 05/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 46 (3') (H232321-45)

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	05/11/2023	ND	2.05	102	2.00	13.7	
Toluene*	<0.050	0.050	05/11/2023	ND	2.10	105	2.00	12.8	
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.02	101	2.00	10.6	
Total Xylenes*	<0.150	0.150	05/11/2023	ND	6.26	104	6.00	11.0	
Total BTEx	<0.300	0.300	05/11/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/11/2023	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	05/11/2023	ND	169	84.3	200	3.96	
DRO >C10-C28*	45.4	10.0	05/11/2023	ND	163	81.6	200	11.4	
EXT DRO >C28-C36	<10.0	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 89.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.1 % 49.1-148

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Analytical Results For:

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

Received: 05/10/2023
 Reported: 05/15/2023
 Project Name: PINNACLE CTB 35H LEASE ROAD
 Project Number: 236729
 Project Location: DEVON-EDDY CO., NM

Sampling Date: 05/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 47 (3') (H232321-46)

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	05/11/2023	ND	2.05	102	2.00	13.7		
Toluene*	<0.050	0.050	05/11/2023	ND	2.10	105	2.00	12.8		
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.02	101	2.00	10.6		
Total Xylenes*	<0.150	0.150	05/11/2023	ND	6.26	104	6.00	11.0		
Total BTEx	<0.300	0.300	05/11/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/11/2023	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	05/11/2023	ND	169	84.3	200	3.96	
DRO >C10-C28*	53.4	10.0	05/11/2023	ND	163	81.6	200	11.4	
EXT DRO >C28-C36	<10.0	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 89.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.7 % 49.1-148

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Analytical Results For:

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

Received: 05/10/2023
 Reported: 05/15/2023
 Project Name: PINNACLE CTB 35H LEASE ROAD
 Project Number: 236729
 Project Location: DEVON-EDDY CO., NM

Sampling Date: 05/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 48 (3') (H232321-47)

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	05/11/2023	ND	2.05	102	2.00	13.7	
Toluene*	<0.050	0.050	05/11/2023	ND	2.10	105	2.00	12.8	
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.02	101	2.00	10.6	
Total Xylenes*	<0.150	0.150	05/11/2023	ND	6.26	104	6.00	11.0	
Total BTEx	<0.300	0.300	05/11/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	05/11/2023	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	05/11/2023	ND	169	84.3	200	3.96	
DRO >C10-C28*	22.9	10.0	05/11/2023	ND	163	81.6	200	11.4	
EXT DRO >C28-C36	<10.0	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 73.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.3 % 49.1-148

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Analytical Results For:

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

Received:	05/10/2023	Sampling Date:	05/09/2023
Reported:	05/15/2023	Sampling Type:	Soil
Project Name:	PINNACLE CTB 35H LEASE ROAD	Sampling Condition:	Cool & Intact
Project Number:	236729	Sample Received By:	Tamara Oldaker
Project Location:	DEVON-EDDY CO., NM		

Sample ID: CS - 49 (3') (H232321-48)

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	05/11/2023	ND	2.05	102	2.00	13.7	
Toluene*	<0.050	0.050	05/11/2023	ND	2.10	105	2.00	12.8	
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.02	101	2.00	10.6	
Total Xylenes*	<0.150	0.150	05/11/2023	ND	6.26	104	6.00	11.0	
Total BTEx	<0.300	0.300	05/11/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	05/11/2023	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	05/11/2023	ND	169	84.3	200	3.96	
DRO >C10-C28*	15.6	10.0	05/11/2023	ND	163	81.6	200	11.4	
EXT DRO >C28-C36	<10.0	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 73.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.4 % 49.1-148

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Analytical Results For:

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

Received:	05/10/2023	Sampling Date:	05/09/2023
Reported:	05/15/2023	Sampling Type:	Soil
Project Name:	PINNACLE CTB 35H LEASE ROAD	Sampling Condition:	Cool & Intact
Project Number:	236729	Sample Received By:	Tamara Oldaker
Project Location:	DEVON-EDDY CO., NM		

Sample ID: CS - 50 (3') (H232321-49)

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	05/11/2023	ND	2.05	102	2.00	13.7		
Toluene*	<0.050	0.050	05/11/2023	ND	2.10	105	2.00	12.8		
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.02	101	2.00	10.6		
Total Xylenes*	<0.150	0.150	05/11/2023	ND	6.26	104	6.00	11.0		
Total BTEx	<0.300	0.300	05/11/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	05/11/2023	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	05/11/2023	ND	169	84.3	200	3.96	
DRO >C10-C28*	<10.0	10.0	05/11/2023	ND	163	81.6	200	11.4	
EXT DRO >C28-C36	<10.0	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 70.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.9 % 49.1-148

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Analytical Results For:

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

Received: 05/10/2023
 Reported: 05/15/2023
 Project Name: PINNACLE CTB 35H LEASE ROAD
 Project Number: 236729
 Project Location: DEVON-EDDY CO., NM

Sampling Date: 05/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 51 (3') (H232321-50)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/11/2023	ND	2.05	102	2.00	13.7	
Toluene*	<0.050	0.050	05/11/2023	ND	2.10	105	2.00	12.8	
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.02	101	2.00	10.6	
Total Xylenes*	<0.150	0.150	05/11/2023	ND	6.26	104	6.00	11.0	
Total BTX	<0.300	0.300	05/11/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	05/11/2023	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	05/11/2023	ND	169	84.3	200	3.96	
DRO >C10-C28*	22.8	10.0	05/11/2023	ND	163	81.6	200	11.4	
EXT DRO >C28-C36	<10.0	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 80.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.4 % 49.1-148

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Analytical Results For:

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

Received: 05/10/2023
 Reported: 05/15/2023
 Project Name: PINNACLE CTB 35H LEASE ROAD
 Project Number: 236729
 Project Location: DEVON-EDDY CO., NM

Sampling Date: 05/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 52 (3') (H232321-51)

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	05/11/2023	ND	2.05	102	2.00	13.7	
Toluene*	<0.050	0.050	05/11/2023	ND	2.10	105	2.00	12.8	
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.02	101	2.00	10.6	
Total Xylenes*	<0.150	0.150	05/11/2023	ND	6.26	104	6.00	11.0	
Total BTEx	<0.300	0.300	05/11/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	05/11/2023	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	05/11/2023	ND	169	84.3	200	3.96	
DRO >C10-C28*	13.7	10.0	05/11/2023	ND	163	81.6	200	11.4	
EXT DRO >C28-C36	<10.0	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 66.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.2 % 49.1-148

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Analytical Results For:

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

Received: 05/10/2023
 Reported: 05/15/2023
 Project Name: PINNACLE CTB 35H LEASE ROAD
 Project Number: 236729
 Project Location: DEVON-EDDY CO., NM

Sampling Date: 05/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 1 (0-4') (H232321-52)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/11/2023	ND	2.05	102	2.00	13.7	
Toluene*	<0.050	0.050	05/11/2023	ND	2.10	105	2.00	12.8	
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.02	101	2.00	10.6	
Total Xylenes*	<0.150	0.150	05/11/2023	ND	6.26	104	6.00	11.0	
Total BTX	<0.300	0.300	05/11/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	05/11/2023	ND	432	108	400	0.00	QM-07	

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	05/11/2023	ND	169	84.3	200	3.96	
DRO >C10-C28*	493	10.0	05/11/2023	ND	163	81.6	200	11.4	
EXT DRO >C28-C36	82.5	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 60.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.8 % 49.1-148

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Analytical Results For:

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

Received: 05/10/2023
 Reported: 05/15/2023
 Project Name: PINNACLE CTB 35H LEASE ROAD
 Project Number: 236729
 Project Location: DEVON-EDDY CO., NM

Sampling Date: 05/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 2 (0-4') (H232321-53)

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	05/11/2023	ND	2.05	102	2.00	13.7	
Toluene*	<0.050	0.050	05/11/2023	ND	2.10	105	2.00	12.8	
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.02	101	2.00	10.6	
Total Xylenes*	<0.150	0.150	05/11/2023	ND	6.26	104	6.00	11.0	
Total BTEx	<0.300	0.300	05/11/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	688	16.0	05/11/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/11/2023	ND	169	84.3	200	3.96	
DRO >C10-C28*	121	10.0	05/11/2023	ND	163	81.6	200	11.4	
EXT DRO >C28-C36	14.5	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 52.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 56.2 % 49.1-148

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Analytical Results For:

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

Received: 05/10/2023
 Reported: 05/15/2023
 Project Name: PINNACLE CTB 35H LEASE ROAD
 Project Number: 236729
 Project Location: DEVON-EDDY CO., NM

Sampling Date: 05/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 3 (0-4') (H232321-54)

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	05/11/2023	ND	2.05	102	2.00	13.7		
Toluene*	<0.050	0.050	05/11/2023	ND	2.10	105	2.00	12.8		
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.02	101	2.00	10.6		
Total Xylenes*	<0.150	0.150	05/11/2023	ND	6.26	104	6.00	11.0		
Total BTEx	<0.300	0.300	05/11/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	576	16.0	05/11/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/11/2023	ND	169	84.3	200	3.96	
DRO >C10-C28*	403	10.0	05/11/2023	ND	163	81.6	200	11.4	
EXT DRO >C28-C36	67.0	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 68.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.1 % 49.1-148

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Analytical Results For:

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

Received: 05/10/2023
 Reported: 05/15/2023
 Project Name: PINNACLE CTB 35H LEASE ROAD
 Project Number: 236729
 Project Location: DEVON-EDDY CO., NM

Sampling Date: 05/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 4 (0-4.5') (H232321-55)

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	05/11/2023	ND	2.05	102	2.00	13.7	
Toluene*	<0.050	0.050	05/11/2023	ND	2.10	105	2.00	12.8	
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.02	101	2.00	10.6	
Total Xylenes*	<0.150	0.150	05/11/2023	ND	6.26	104	6.00	11.0	
Total BTEx	<0.300	0.300	05/11/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	05/11/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/11/2023	ND	169	84.3	200	3.96	
DRO >C10-C28*	567	10.0	05/11/2023	ND	163	81.6	200	11.4	
EXT DRO >C28-C36	107	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 72.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/10/2023
 Reported: 05/15/2023
 Project Name: PINNACLE CTB 35H LEASE ROAD
 Project Number: 236729
 Project Location: DEVON-EDDY CO., NM

Sampling Date: 05/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 5 (0-4.5') (H232321-56)

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	05/11/2023	ND	2.05	102	2.00	13.7	
Toluene*	<0.050	0.050	05/11/2023	ND	2.10	105	2.00	12.8	
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.02	101	2.00	10.6	
Total Xylenes*	<0.150	0.150	05/11/2023	ND	6.26	104	6.00	11.0	
Total BTEx	<0.300	0.300	05/11/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/11/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/11/2023	ND	169	84.3	200	3.96	
DRO >C10-C28*	662	10.0	05/11/2023	ND	163	81.6	200	11.4	
EXT DRO >C28-C36	112	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 73.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.3 % 49.1-148

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Analytical Results For:

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

Received: 05/10/2023
 Reported: 05/15/2023
 Project Name: PINNACLE CTB 35H LEASE ROAD
 Project Number: 236729
 Project Location: DEVON-EDDY CO., NM

Sampling Date: 05/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 6 (0-4.5') (H232321-57)

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	05/12/2023	ND	2.10	105	2.00	1.93	
Toluene*	<0.050	0.050	05/12/2023	ND	2.16	108	2.00	2.32	
Ethylbenzene*	<0.050	0.050	05/12/2023	ND	2.09	104	2.00	2.77	
Total Xylenes*	<0.150	0.150	05/12/2023	ND	6.49	108	6.00	3.68	
Total BTEx	<0.300	0.300	05/12/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	05/11/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	18.6	10.0	05/11/2023	ND	169	84.3	200	3.96	
DRO >C10-C28*	1090	10.0	05/11/2023	ND	163	81.6	200	11.4	
EXT DRO >C28-C36	185	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 79.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.1 % 49.1-148

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Analytical Results For:

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

Received: 05/10/2023
 Reported: 05/15/2023
 Project Name: PINNACLE CTB 35H LEASE ROAD
 Project Number: 236729
 Project Location: DEVON-EDDY CO., NM

Sampling Date: 05/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 7 (0-4.5') (H232321-58)

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	05/12/2023	ND	2.10	105	2.00	1.93		
Toluene*	<0.050	0.050	05/12/2023	ND	2.16	108	2.00	2.32		
Ethylbenzene*	<0.050	0.050	05/12/2023	ND	2.09	104	2.00	2.77		
Total Xylenes*	<0.150	0.150	05/12/2023	ND	6.49	108	6.00	3.68		
Total BTEx	<0.300	0.300	05/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	05/11/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/11/2023	ND	169	84.3	200	3.96	
DRO >C10-C28*	640	10.0	05/11/2023	ND	163	81.6	200	11.4	
EXT DRO >C28-C36	130	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 66.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.2 % 49.1-148

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Analytical Results For:

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

Received: 05/10/2023
 Reported: 05/15/2023
 Project Name: PINNACLE CTB 35H LEASE ROAD
 Project Number: 236729
 Project Location: DEVON-EDDY CO., NM

Sampling Date: 05/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 8 (0-4.5') (H232321-59)

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	05/12/2023	ND	2.10	105	2.00	1.93	
Toluene*	<0.050	0.050	05/12/2023	ND	2.16	108	2.00	2.32	
Ethylbenzene*	<0.050	0.050	05/12/2023	ND	2.09	104	2.00	2.77	
Total Xylenes*	<0.150	0.150	05/12/2023	ND	6.49	108	6.00	3.68	
Total BTEx	<0.300	0.300	05/12/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	05/11/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/11/2023	ND	169	84.3	200	3.96	
DRO >C10-C28*	558	10.0	05/11/2023	ND	163	81.6	200	11.4	
EXT DRO >C28-C36	98.6	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 75.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.7 % 49.1-148

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Analytical Results For:

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

Received: 05/10/2023
 Reported: 05/15/2023
 Project Name: PINNACLE CTB 35H LEASE ROAD
 Project Number: 236729
 Project Location: DEVON-EDDY CO., NM

Sampling Date: 05/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 9 (0-4.5') (H232321-60)

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	05/12/2023	ND	2.10	105	2.00	1.93	
Toluene*	<0.050	0.050	05/12/2023	ND	2.16	108	2.00	2.32	
Ethylbenzene*	<0.050	0.050	05/12/2023	ND	2.09	104	2.00	2.77	
Total Xylenes*	0.173	0.150	05/12/2023	ND	6.49	108	6.00	3.68	
Total BTEX	<0.300	0.300	05/12/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	05/11/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	16.6	10.0	05/11/2023	ND	169	84.3	200	3.96	
DRO >C10-C28*	1360	10.0	05/11/2023	ND	163	81.6	200	11.4	
EXT DRO >C28-C36	238	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 68.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.3 % 49.1-148

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Analytical Results For:

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

Received: 05/10/2023
 Reported: 05/15/2023
 Project Name: PINNACLE CTB 35H LEASE ROAD
 Project Number: 236729
 Project Location: DEVON-EDDY CO., NM

Sampling Date: 05/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 10 (0-4.5') (H232321-61)

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	05/11/2023	ND	1.95	97.5	2.00	4.26	
Toluene*	0.087	0.050	05/11/2023	ND	2.03	101	2.00	5.30	
Ethylbenzene*	0.060	0.050	05/11/2023	ND	2.15	108	2.00	6.64	
Total Xylenes*	0.349	0.150	05/11/2023	ND	6.36	106	6.00	6.04	
Total BTEX	0.496	0.300	05/11/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	05/11/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	13.4	10.0	05/11/2023	ND	190	95.0	200	1.30	
DRO >C10-C28*	1050	10.0	05/11/2023	ND	189	94.5	200	5.53	
EXT DRO >C28-C36	214	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 69.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

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

Received: 05/10/2023
 Reported: 05/15/2023
 Project Name: PINNACLE CTB 35H LEASE ROAD
 Project Number: 236729
 Project Location: DEVON-EDDY CO., NM

Sampling Date: 05/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 11 (0-4.5') (H232321-62)

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	05/11/2023	ND	1.95	97.5	2.00	4.26		
Toluene*	0.068	0.050	05/11/2023	ND	2.03	101	2.00	5.30		
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.15	108	2.00	6.64		
Total Xylenes*	0.292	0.150	05/11/2023	ND	6.36	106	6.00	6.04		
Total BTEX	0.360	0.300	05/11/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	05/11/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	13.0	10.0	05/11/2023	ND	190	95.0	200	1.30	
DRO >C10-C28*	893	10.0	05/11/2023	ND	189	94.5	200	5.53	
EXT DRO >C28-C36	197	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 71.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.8 % 49.1-148

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Analytical Results For:

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

Received: 05/10/2023
 Reported: 05/15/2023
 Project Name: PINNACLE CTB 35H LEASE ROAD
 Project Number: 236729
 Project Location: DEVON-EDDY CO., NM

Sampling Date: 05/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 12 (0-4.5') (H232321-63)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/11/2023	ND	1.95	97.5	2.00	4.26		
Toluene*	<0.050	0.050	05/11/2023	ND	2.03	101	2.00	5.30		
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.15	108	2.00	6.64		
Total Xylenes*	<0.150	0.150	05/11/2023	ND	6.36	106	6.00	6.04		
Total BTX	<0.300	0.300	05/11/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	05/11/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/11/2023	ND	190	95.0	200	1.30	
DRO >C10-C28*	628	10.0	05/11/2023	ND	189	94.5	200	5.53	
EXT DRO >C28-C36	144	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 60.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.5 % 49.1-148

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Analytical Results For:

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

Received: 05/10/2023
 Reported: 05/15/2023
 Project Name: PINNACLE CTB 35H LEASE ROAD
 Project Number: 236729
 Project Location: DEVON-EDDY CO., NM

Sampling Date: 05/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 13 (0-4.5') (H232321-64)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/11/2023	ND	1.95	97.5	2.00	4.26		
Toluene*	<0.050	0.050	05/11/2023	ND	2.03	101	2.00	5.30		
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.15	108	2.00	6.64		
Total Xylenes*	<0.150	0.150	05/11/2023	ND	6.36	106	6.00	6.04		
Total BTX	<0.300	0.300	05/11/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

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	05/11/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/11/2023	ND	190	95.0	200	1.30	
DRO >C10-C28*	424	10.0	05/11/2023	ND	189	94.5	200	5.53	
EXT DRO >C28-C36	99.2	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 71.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.5 % 49.1-148

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Analytical Results For:

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

Received: 05/10/2023
 Reported: 05/15/2023
 Project Name: PINNACLE CTB 35H LEASE ROAD
 Project Number: 236729
 Project Location: DEVON-EDDY CO., NM

Sampling Date: 05/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 14 (0-4.5') (H232321-65)

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	05/11/2023	ND	1.95	97.5	2.00	4.26	
Toluene*	0.087	0.050	05/11/2023	ND	2.03	101	2.00	5.30	
Ethylbenzene*	0.053	0.050	05/11/2023	ND	2.15	108	2.00	6.64	
Total Xylenes*	0.380	0.150	05/11/2023	ND	6.36	106	6.00	6.04	
Total BTEX	0.521	0.300	05/11/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	05/11/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/11/2023	ND	190	95.0	200	1.30	
DRO >C10-C28*	603	10.0	05/11/2023	ND	189	94.5	200	5.53	
EXT DRO >C28-C36	131	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 64.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/10/2023
 Reported: 05/15/2023
 Project Name: PINNACLE CTB 35H LEASE ROAD
 Project Number: 236729
 Project Location: DEVON-EDDY CO., NM

Sampling Date: 05/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 15 (0-4.5') (H232321-66)

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	05/11/2023	ND	1.95	97.5	2.00	4.26	
Toluene*	<0.050	0.050	05/11/2023	ND	2.03	101	2.00	5.30	
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.15	108	2.00	6.64	
Total Xylenes*	0.197	0.150	05/11/2023	ND	6.36	106	6.00	6.04	
Total BTEx	<0.300	0.300	05/11/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	05/11/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	11.9	10.0	05/11/2023	ND	190	95.0	200	1.30	
DRO >C10-C28*	826	10.0	05/11/2023	ND	189	94.5	200	5.53	
EXT DRO >C28-C36	182	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 73.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/10/2023
 Reported: 05/15/2023
 Project Name: PINNACLE CTB 35H LEASE ROAD
 Project Number: 236729
 Project Location: DEVON-EDDY CO., NM

Sampling Date: 05/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 16 (0-4.5') (H232321-67)

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	05/11/2023	ND	1.95	97.5	2.00	4.26		
Toluene*	<0.050	0.050	05/11/2023	ND	2.03	101	2.00	5.30		
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.15	108	2.00	6.64		
Total Xylenes*	0.200	0.150	05/11/2023	ND	6.36	106	6.00	6.04		
Total BTEX	<0.300	0.300	05/11/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	05/11/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/11/2023	ND	190	95.0	200	1.30	
DRO >C10-C28*	682	10.0	05/11/2023	ND	189	94.5	200	5.53	
EXT DRO >C28-C36	161	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 68.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.2 % 49.1-148

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Analytical Results For:

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

Received: 05/10/2023
 Reported: 05/15/2023
 Project Name: PINNACLE CTB 35H LEASE ROAD
 Project Number: 236729
 Project Location: DEVON-EDDY CO., NM

Sampling Date: 05/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 17 (0-4.5') (H232321-68)

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	05/11/2023	ND	1.95	97.5	2.00	4.26	
Toluene*	0.062	0.050	05/11/2023	ND	2.03	101	2.00	5.30	
Ethylbenzene*	0.053	0.050	05/11/2023	ND	2.15	108	2.00	6.64	
Total Xylenes*	0.328	0.150	05/11/2023	ND	6.36	106	6.00	6.04	
Total BTEx	0.444	0.300	05/11/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

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	05/11/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	11.7	10.0	05/11/2023	ND	190	95.0	200	1.30	
DRO >C10-C28*	812	10.0	05/11/2023	ND	189	94.5	200	5.53	
EXT DRO >C28-C36	185	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 70.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.6 % 49.1-148

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Analytical Results For:

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

Received: 05/10/2023
 Reported: 05/15/2023
 Project Name: PINNACLE CTB 35H LEASE ROAD
 Project Number: 236729
 Project Location: DEVON-EDDY CO., NM

Sampling Date: 05/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 18 (0-4.5') (H232321-69)

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	05/11/2023	ND	1.95	97.5	2.00	4.26	
Toluene*	0.089	0.050	05/11/2023	ND	2.03	101	2.00	5.30	
Ethylbenzene*	0.114	0.050	05/11/2023	ND	2.15	108	2.00	6.64	
Total Xylenes*	0.662	0.150	05/11/2023	ND	6.36	106	6.00	6.04	
Total BTEx	0.864	0.300	05/11/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	05/11/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	10.5	10.0	05/11/2023	ND	190	95.0	200	1.30	
DRO >C10-C28*	1240	10.0	05/11/2023	ND	189	94.5	200	5.53	
EXT DRO >C28-C36	318	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 70.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Analytical Results For:

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

Received: 05/10/2023
 Reported: 05/15/2023
 Project Name: PINNACLE CTB 35H LEASE ROAD
 Project Number: 236729
 Project Location: DEVON-EDDY CO., NM

Sampling Date: 05/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 19 (0-4.5') (H232321-70)

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	05/11/2023	ND	1.95	97.5	2.00	4.26		
Toluene*	0.064	0.050	05/11/2023	ND	2.03	101	2.00	5.30		
Ethylbenzene*	0.065	0.050	05/11/2023	ND	2.15	108	2.00	6.64		
Total Xylenes*	0.469	0.150	05/11/2023	ND	6.36	106	6.00	6.04		
Total BTEX	0.599	0.300	05/11/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	05/11/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/11/2023	ND	190	95.0	200	1.30	
DRO >C10-C28*	942	10.0	05/11/2023	ND	189	94.5	200	5.53	
EXT DRO >C28-C36	218	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 75.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

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

Received: 05/10/2023
 Reported: 05/15/2023
 Project Name: PINNACLE CTB 35H LEASE ROAD
 Project Number: 236729
 Project Location: DEVON-EDDY CO., NM

Sampling Date: 05/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 20 (0-4.5') (H232321-71)

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	05/11/2023	ND	1.95	97.5	2.00	4.26	
Toluene*	0.080	0.050	05/11/2023	ND	2.03	101	2.00	5.30	
Ethylbenzene*	0.084	0.050	05/11/2023	ND	2.15	108	2.00	6.64	
Total Xylenes*	0.575	0.150	05/11/2023	ND	6.36	106	6.00	6.04	
Total BTEx	0.739	0.300	05/11/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	05/11/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/11/2023	ND	190	95.0	200	1.30	
DRO >C10-C28*	649	10.0	05/11/2023	ND	189	94.5	200	5.53	
EXT DRO >C28-C36	170	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 71.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/10/2023
 Reported: 05/15/2023
 Project Name: PINNACLE CTB 35H LEASE ROAD
 Project Number: 236729
 Project Location: DEVON-EDDY CO., NM

Sampling Date: 05/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 21 (0-3') (H232321-72)

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	05/11/2023	ND	1.95	97.5	2.00	4.26		
Toluene*	<0.050	0.050	05/11/2023	ND	2.03	101	2.00	5.30		
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.15	108	2.00	6.64		
Total Xylenes*	0.389	0.150	05/11/2023	ND	6.36	106	6.00	6.04		
Total BTEX	0.389	0.300	05/11/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

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	05/11/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/11/2023	ND	190	95.0	200	1.30	
DRO >C10-C28*	858	10.0	05/11/2023	ND	189	94.5	200	5.53	
EXT DRO >C28-C36	188	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 67.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/10/2023
 Reported: 05/15/2023
 Project Name: PINNACLE CTB 35H LEASE ROAD
 Project Number: 236729
 Project Location: DEVON-EDDY CO., NM

Sampling Date: 05/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 22 (0-3') (H232321-73)

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	05/11/2023	ND	1.95	97.5	2.00	4.26		
Toluene*	<0.050	0.050	05/11/2023	ND	2.03	101	2.00	5.30		
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.15	108	2.00	6.64		
Total Xylenes*	<0.150	0.150	05/11/2023	ND	6.36	106	6.00	6.04		
Total BTEx	<0.300	0.300	05/11/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/11/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/11/2023	ND	190	95.0	200	1.30	
DRO >C10-C28*	<10.0	10.0	05/11/2023	ND	189	94.5	200	5.53	
EXT DRO >C28-C36	<10.0	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 63.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/10/2023
 Reported: 05/15/2023
 Project Name: PINNACLE CTB 35H LEASE ROAD
 Project Number: 236729
 Project Location: DEVON-EDDY CO., NM

Sampling Date: 05/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 23 (0-3') (H232321-74)

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	05/12/2023	ND	2.10	105	2.00	1.93		
Toluene*	<0.050	0.050	05/12/2023	ND	2.16	108	2.00	2.32		
Ethylbenzene*	<0.050	0.050	05/12/2023	ND	2.09	104	2.00	2.77		
Total Xylenes*	<0.150	0.150	05/12/2023	ND	6.49	108	6.00	3.68		
Total BTEx	<0.300	0.300	05/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/11/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/11/2023	ND	190	95.0	200	1.30	
DRO >C10-C28*	<10.0	10.0	05/11/2023	ND	189	94.5	200	5.53	
EXT DRO >C28-C36	<10.0	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 69.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/10/2023
 Reported: 05/15/2023
 Project Name: PINNACLE CTB 35H LEASE ROAD
 Project Number: 236729
 Project Location: DEVON-EDDY CO., NM

Sampling Date: 05/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 24 (0-3') (H232321-75)

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	05/12/2023	ND	2.10	105	2.00	1.93		
Toluene*	<0.050	0.050	05/12/2023	ND	2.16	108	2.00	2.32		
Ethylbenzene*	<0.050	0.050	05/12/2023	ND	2.09	104	2.00	2.77		
Total Xylenes*	<0.150	0.150	05/12/2023	ND	6.49	108	6.00	3.68		
Total BTEx	<0.300	0.300	05/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/11/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/11/2023	ND	190	95.0	200	1.30	
DRO >C10-C28*	<10.0	10.0	05/11/2023	ND	189	94.5	200	5.53	
EXT DRO >C28-C36	<10.0	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 61.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/10/2023
 Reported: 05/15/2023
 Project Name: PINNACLE CTB 35H LEASE ROAD
 Project Number: 236729
 Project Location: DEVON-EDDY CO., NM

Sampling Date: 05/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 4 (4') (H232321-76)

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	05/12/2023	ND	2.10	105	2.00	1.93		
Toluene*	<0.050	0.050	05/12/2023	ND	2.16	108	2.00	2.32		
Ethylbenzene*	<0.050	0.050	05/12/2023	ND	2.09	104	2.00	2.77		
Total Xylenes*	0.189	0.150	05/12/2023	ND	6.49	108	6.00	3.68		
Total BTEx	<0.300	0.300	05/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	800	16.0	05/11/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/11/2023	ND	190	95.0	200	1.30	
DRO >C10-C28*	26.2	10.0	05/11/2023	ND	189	94.5	200	5.53	
EXT DRO >C28-C36	<10.0	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 69.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "C. D. Keene".

Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No: H232321

Page 1 of 8

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@devon.com

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

Project Name:		Pinnacle CTB 35H Lease Road		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes	
Project Number:	236729	<input checked="" type="checkbox"/> Routine	<input type="checkbox"/> Rush													None: NO	DI Water: H ₂ O			
Project Location:	Eddy County, NM	Due Date:	5/15/2023													Cool: Cool	MeOH: Me			
Sampler's Name:	Kellian Smith	TAT starts the day received by the lab, if received by 4:30pm														HCL: HC	HNO ₃ : HN			
PO #:	21105882													H ₂ SO ₄ : H ₂	NaOH: Na					
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Parameters												H ₃ PO ₄ : HP		
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	113	Correction Factor:	-0.65	BTX 8021B												NaHSO ₄ : NABIS		
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:	-0.15	Corrected Temperature:	-0.55	TPH 8015M (GRO + DRO + MRO)												Na ₂ S ₂ O ₅ : NaSO ₃		
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Corrected Temperature:	-0.55													Zn Acetate+NaOH: Zn				
Total Containers:	76													HOLD						
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments
CS-1 (4')		5/9/2023	10:20	X		comp	1	X	X	X										
CS-2 (4')		5/9/2023	10:22	X		comp	1	X	X	X										
CS-3 (4')		5/9/2023	10:24	X		comp	1	X	X	X										
CS-5 (4')		5/9/2023	10:26	X		comp	1	X	X	X										
CS-6 (4')		5/9/2023	10:28	X		comp	1	X	X	X										
CS-7 (4')		5/9/2023	10:30	X		comp	1	X	X	X										
CS-8 (4')		5/9/2023	10:32	X		comp	1	X	X	X										
CS-9 (4')		5/9/2023	10:34	X		comp	1	X	X	X										
CS-10 (4.5')		5/9/2023	10:36	X		comp	1	X	X	X										
CS-11 (4.5')		5/9/2023	10:38	X		comp	1	X	X	X										

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	5-10-23 1300			



Chain of Custody

Work Order No: 1030301Page 2 of 8

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@devon.com

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

Project Name:	Pinnacle CTB 35H Lease Road	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST												Preservative Codes					
Project Number:	236729																None: NO					
Project Location:	Eddy County, NM	Due Date:	5/15/2023														DI Water: H ₂ O					
Sampler's Name:	Kellan Smith	TAT starts the day received by the lab, if received by 4:30pm															Cool: Cool					
PO #	21105382																HCL: HC					
SAMPLE RECEIPT		Temp Blank:	Yes (No) <input checked="" type="checkbox"/>	Wet Ice:	Yes (No) <input checked="" type="checkbox"/>													H ₂ SO ₄ : H ₂				
Received Inact:	Yes (No) <input checked="" type="checkbox"/>	Thermometer ID:	113														H ₃ PO ₄ : HP					
Cooler Custody Seals:	Yes (No) <input checked="" type="checkbox"/>	Correction Factor:	-0.6°C														NaHSO ₄ : NABIS					
Sample Custody Seals:	Yes (No) <input checked="" type="checkbox"/>	Temperature Reading:	0.1°C														Na ₂ S ₂ O ₃ : NaSO ₃					
Total Containers:	76	Corrected Temperature:	-0.5°C														Zn Acetate+NaOH: Zn					
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont													NaOH+Ascorbic Acid: SAPC		
CS-12 (4.5')	5/9/2023	10:40	X		comp	1	X	X	X													
CS-13 (4.5')	5/9/2023	10:42	X		comp	1	X	X	X													
CS-14 (4.5')	5/9/2023	10:44	X		comp	1	X	X	X													
CS-15 (4.5')	5/9/2023	10:46	X		comp	1	X	X	X													
CS-16 (4.5')	5/9/2023	10:48	X		comp	1	X	X	X													
CS-17 (4.5')	5/9/2023	10:50	X		comp	1	X	X	X													
CS-18 (4.5')	5/9/2023	10:52	X		comp	1	X	X	X													
CS-19 (4.5')	5/9/2023	10:54	X		comp	1	X	X	X													
CS-20 (4.5')	5/9/2023	10:56	X		comp	1	X	X	X													
CS-21 (4.5')	5/9/2023	10:58	X		comp	1	X	X	X													

Additional Comments:

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<i>[Signature]</i>	<i>[Signature]</i>	5-10-23 1300			



Chain of Custody

Work Order No: H03030301Page 3 of 8

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 <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	State of Project:
Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>	Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:

Project Name:	Pinnacle CTB 35H Lease Road	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST												Preservative Codes		
Project Number:	236729	Due Date:	5/15/2023														None: NO DI Water: H ₂ O		
Project Location:	Eddy County, NM	TAT starts the day received by the lab, if received by 4:30pm															Cool: Cool MeOH: Me		
Sampler's Name:	Kellan Smith																HCL: HC HNO ₃ : HN		
PO #:	21105882																H ₂ SO ₄ : H ₂ NaOH: Na		
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													H ₃ PO ₄ : HP	
Received Inact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	113													NaHSO ₄ : NABIS			
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Correction Factor:	-0.6°C													Na ₂ S ₂ O ₃ : NaSO ₃			
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:	0.1°C													Zn Acetate+NaOH: Zn			
Total Containers:	76	Corrected Temperature:	-0.5°C													NaOH+Ascorbic Acid: S-APC			

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	ANALYSIS REQUEST												Sample Comments
CS-22 (4.5')	5/9/2023	11:00	X		comp	1	X	X	X													
CS-23 (4.5')	5/9/2023	11:02	X		comp	1	X	X	X													
CS-24 (4.5')	5/9/2023	11:04	X		comp	1	X	X	X													
CS-25 (4.5')	5/9/2023	11:06	X		comp	1	X	X	X													
CS-26 (4.5')	5/9/2023	11:08	X		comp	1	X	X	X													
CS-27 (4.5')	5/9/2023	11:10	X		comp	1	X	X	X													
CS-28 (4.5')	5/9/2023	11:12	X		comp	1	X	X	X													
CS-29 (4.5')	5/9/2023	11:14	X		comp	1	X	X	X													
CS-30 (4.5')	5/9/2023	11:16	X		comp	1	X	X	X													
CS-31 (4.5')	5/9/2023	11:18	X		comp	1	X	X	X													

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	5-10-23 1300			



Chain of Custody

Work Order No:

4030321

Page 82 of 86

Page 4 of 8

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: <input type="checkbox"/> PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund	State of Project:
Reporting Level: <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV	Deliverables: <input type="checkbox"/> EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:

Project Name:	Pinnacle CTB 35H Lease Road	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST												Preservative Codes
Project Number:	236729																None: NO
Project Location:	Eddy County, NM	Due Date:	5/5/2023														DI Water: H ₂ O
Sampler's Name:	Kellan Smith	TAT starts the day received by the lab, if received by 4:30pm															Cool: Cool
PO #:	21105882																HCL: HC
SAMPLE RECEIPT	Temp Blank:	Yes (No)	Wet Ice:	Yes (No)													H ₂ SO ₄ : H ₂
Received Inact:	Yes (No)		Thermometer ID:	Yes (No)													H ₃ PO ₄ : HP
Cooler Custody Seals:	Yes (No)		Correction Factor:	Yes (No)													NaHSO ₄ : NABIS
Sample Custody Seals:	Yes (No)		Temperature Reading:	Yes (No)													Na ₂ S ₂ O ₃ : NaSO ₃
Total Containers:	76	Corrected Temperature:	-0.5°C														Zn Acetate+NaOH: Zn
																	NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD												Sample Comments
CS-32 (4.5')	5/9/2023	11:20	X		comp	1	X	X	X													
CS-33 (4.5')	5/9/2023	11:22	X		comp	1	X	X	X													
CS-34 (4.5')	5/9/2023	11:24	X		comp	1	X	X	X													
CS-35 (4.5')	5/9/2023	11:26	X		comp	1	X	X	X													
CS-36 (4.5')	5/9/2023	11:28	X		comp	1	X	X	X													
CS-37 (4.5')	5/9/2023	11:30	X		comp	1	X	X	X													
CS-38 (4.5')	5/9/2023	11:32	X		comp	1	X	X	X													
CS-39 (4.5')	5/9/2023	11:34	X		comp	1	X	X	X													
CS-40 (4.5')	5/9/2023	11:36	X		comp	1	X	X	X													
CS-41 (4.5')	5/9/2023	11:38	X		comp	1	X	X	X													

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and 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 \$35.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	5-10-23 1300			



Chain of Custody

Work Order No: 4232321Page 5 of 8

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@devon.com

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

Project Name:	Pinnacle CTB 35H Lease Road	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code		ANALYSIS REQUEST												Preservative Codes	
Project Number:	236729	Due Date:	5/15/2023															None: NO DI Water: H ₂ O	
Project Location:	Eddy County, NM	TAT starts the day received by the lab, if received by 4:30pm																Cool: Cool MeOH: Me	
Sampler's Name:	Kellan Smith																	HCL: HC HNO ₃ : HN	
PO #:	21105882																	H ₂ SO ₄ : H ₂ NaOH: Na	
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													H ₃ PO ₄ : HP	
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	113															NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:	-0.6°C															Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:	0.1°C															Zn Acetate+NaOH: Zn	
Total Containers:	76	Corrected Temperature:	-0.5°C															NaOH+Ascorbic Acid: SAPC	

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments	
CS-42 (4.5')	5/9/2023	11:40	X		comp	1	X	X	X											
CS-43 (4.5')	5/9/2023	11:42	X		comp	1	X	X	X											
CS-44 (4.5')	5/9/2023	11:44	X		comp	1	X	X	X											
CS-45 (3')	5/9/2023	11:46	X		comp	1	X	X	X											
CS-46 (3')	5/9/2023	11:48	X		comp	1	X	X	X											
CS-47 (3')	5/9/2023	11:50	X		comp	1	X	X	X											
CS-48 (3')	5/9/2023	11:52	X		comp	1	X	X	X											
CS-49 (3')	5/9/2023	11:54	X		comp	1	X	X	X											
CS-50 (3')	5/9/2023	11:56	X		comp	1	X	X	X											
CS-51 (3')	5/9/2023	11:58	X		comp	1	X	X	X											

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	5-10-23 1:30			



Chain of Custody

Work Order No:

H030321

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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@devon.com

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

Project Name:	Pinnacle CTB 35H Lease Road	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST												Preservative Codes				
Project Number:	236729	Due Date:	5/15/2023														None: NO DI Water: H ₂ O				
Project Location:	Eddy County, NM	TAT starts the day received by the lab, if received by 4:30pm														Cool: Cool MeOH: Me					
Sampler's Name:	Kellan Smith															HCL: HC HNO ₃ : HN					
PO #:	21105882															H ₂ SO ₄ : H ₂ NaOH: Na					
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													H ₃ PO ₄ : HP			
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	113													NaHSO ₄ : NABIS					
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:	-0.16													Na ₂ S ₂ O ₃ : NaSO ₃					
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:	0.16													Zn Acetate+NaOH: Zn					
Total Containers:	76	Corrected Temperature:	-0.52													NaOH+Ascorbic Acid: S APC					
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments	
CS-52 (3)		5/9/2023	12:00	X		comp	1	X	X	X											
SW-1 (0-4')		5/9/2023	12:20	X		comp	1	X	X	X											
SW-2 (0-4')		5/9/2023	12:22	X		comp	1	X	X	X											
SW-3 (0-4')		5/9/2023	12:24	X		comp	1	X	X	X											
SW-4 (0-4.5')		5/9/2023	12:26	X		comp	1	X	X	X											
SW-5 (0-4.5')		5/9/2023	12:28	X		comp	1	X	X	X											
SW-6 (0-4.5')		5/9/2023	12:30	X		comp	1	X	X	X											
SW-7 (0-4.5')		5/9/2023	12:32	X		comp	1	X	X	X											
SW-8 (0-4.5')		5/9/2023	12:34	X		comp	1	X	X	X											
SW-9 (0-4.5')		5/9/2023	12:36	X		comp	1	X	X	X											

Additional Comments:

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		5-10-23 1300			



Chain of Custody

Work Order No:

4030321

Page 85 of 86

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

Page 7 of 8	
Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:	Pinnacle CTB 35H Lease Road	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST												Preservative Codes	
Project Number:	236729																None: NO DI Water: H ₂ O	
Project Location:	Eddy County, NM	Due Date:	5/15/2023														Cool: Cool MeOH: Me	
Sampler's Name:	Kellan Smith	TAT starts the day received by the lab, if received by 4:30pm															HCL: HC HNO ₃ : HN	
PO #:	21105882																H ₂ SO ₄ : H ₂ NaOH: Na	
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													H ₃ PO ₄ : HP	
Received Inact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													Zn Acetate+NaOH: Zn	
Total Containers:	76	Corrected Temperature:	-0.5°C	-0.5°C													NaOH+Ascorbic Acid: SAPC	
Sample Identification																	Sample Comments	
SW-10 (0-4.5')	5/9/2023	12:38	X	comp	1	X	X	X										
SW-11 (0-4.5')	5/9/2023	12:40	X	comp	1	X	X	X										
SW-12 (0-4.5')	5/9/2023	12:42	X	comp	1	X	X	X										
SW-13 (0-4.5')	5/9/2023	12:44	X	comp	1	X	X	X										
SW-14 (0-4.5')	5/9/2023	12:46	X	comp	1	X	X	X										
SW-15 (0-4.5')	5/9/2023	12:48	X	comp	1	X	X	X										
SW-16 (0-4.5')	5/9/2023	12:50	X	comp	1	X	X	X										
SW-17 (0-4.5')	5/9/2023	12:52	X	comp	1	X	X	X										
SW-18 (0-4.5')	5/9/2023	12:54	X	comp	1	X	X	X										
SW-19 (0-4.5')	5/9/2023	1:00	X	comp	1	X	X	X										

Additional Comments:

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		5-10-23 1300			

Work Order No: 4030371

Page 8 of 8

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

[illegible]

Relinquished by: (Signature)

Received by: (Signature)

Date/Time

Relinquished by: (Signature)

Received by: (Signature)

Date/Time



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

May 26, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: PINNACLE CTB 35H LEASE ROAD

Enclosed are the results of analyses for samples received by the laboratory on 05/23/23 15:00.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/23/2023	Sampling Date:	05/23/2023
Reported:	05/26/2023	Sampling Type:	Solid
Project Name:	PINNACLE CTB 35H LEASE ROAD	Sampling Condition:	Cool & Intact
Project Number:	236729	Sample Received By:	Tamara Oldaker
Project Location:	DEVON-EDDY CO., NM		

Sample ID: SW - 1A (0-4') (H232633-01)

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	05/24/2023	ND	2.16	108	2.00	1.31	
Toluene*	<0.050	0.050	05/24/2023	ND	2.23	111	2.00	2.48	
Ethylbenzene*	<0.050	0.050	05/24/2023	ND	2.14	107	2.00	1.51	
Total Xylenes*	<0.150	0.150	05/24/2023	ND	6.61	110	6.00	1.16	
Total BTEX	<0.300	0.300	05/24/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

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	05/24/2023	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	05/24/2023	ND	208	104	200	6.85	
DRO >C10-C28*	<10.0	10.0	05/24/2023	ND	193	96.7	200	6.48	
EXT DRO >C28-C36	<10.0	10.0	05/24/2023	ND					

Surrogate: 1-Chlorooctane 79.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/23/2023	Sampling Date:	05/23/2023
Reported:	05/26/2023	Sampling Type:	Solid
Project Name:	PINNACLE CTB 35H LEASE ROAD	Sampling Condition:	Cool & Intact
Project Number:	236729	Sample Received By:	Tamara Oldaker
Project Location:	DEVON-EDDY CO., NM		

Sample ID: SW - 2A (0-4') (H232633-02)

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	05/24/2023	ND	2.16	108	2.00	1.31		
Toluene*	<0.050	0.050	05/24/2023	ND	2.23	111	2.00	2.48		
Ethylbenzene*	<0.050	0.050	05/24/2023	ND	2.14	107	2.00	1.51		
Total Xylenes*	<0.150	0.150	05/24/2023	ND	6.61	110	6.00	1.16		
Total BTEx	<0.300	0.300	05/24/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/24/2023	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	05/24/2023	ND	226	113	200	3.29	
DRO >C10-C28*	<10.0	10.0	05/24/2023	ND	212	106	200	9.07	
EXT DRO >C28-C36	<10.0	10.0	05/24/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.7 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/23/2023	Sampling Date:	05/23/2023
Reported:	05/26/2023	Sampling Type:	Solid
Project Name:	PINNACLE CTB 35H LEASE ROAD	Sampling Condition:	Cool & Intact
Project Number:	236729	Sample Received By:	Tamara Oldaker
Project Location:	DEVON-EDDY CO., NM		

Sample ID: SW - 3A (0-4') (H232633-03)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/24/2023	ND	2.16	108	2.00	1.31		
Toluene*	<0.050	0.050	05/24/2023	ND	2.23	111	2.00	2.48		
Ethylbenzene*	<0.050	0.050	05/24/2023	ND	2.14	107	2.00	1.51		
Total Xylenes*	<0.150	0.150	05/24/2023	ND	6.61	110	6.00	1.16		
Total BTX	<0.300	0.300	05/24/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	05/24/2023	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	05/24/2023	ND	226	113	200	3.29	
DRO >C10-C28*	<10.0	10.0	05/24/2023	ND	212	106	200	9.07	
EXT DRO >C28-C36	<10.0	10.0	05/24/2023	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/23/2023	Sampling Date:	05/23/2023
Reported:	05/26/2023	Sampling Type:	Solid
Project Name:	PINNACLE CTB 35H LEASE ROAD	Sampling Condition:	Cool & Intact
Project Number:	236729	Sample Received By:	Tamara Oldaker
Project Location:	DEVON-EDDY CO., NM		

Sample ID: SW - 4A (4-4.5') (H232633-04)

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	05/24/2023	ND	2.16	108	2.00	1.31	
Toluene*	<0.050	0.050	05/24/2023	ND	2.23	111	2.00	2.48	
Ethylbenzene*	<0.050	0.050	05/24/2023	ND	2.14	107	2.00	1.51	
Total Xylenes*	<0.150	0.150	05/24/2023	ND	6.61	110	6.00	1.16	
Total BTEX	<0.300	0.300	05/24/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/24/2023	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	05/24/2023	ND	226	113	200	3.29	
DRO >C10-C28*	<10.0	10.0	05/24/2023	ND	212	106	200	9.07	
EXT DRO >C28-C36	<10.0	10.0	05/24/2023	ND					

Surrogate: 1-Chlorooctane 80.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/23/2023	Sampling Date:	05/23/2023
Reported:	05/26/2023	Sampling Type:	Solid
Project Name:	PINNACLE CTB 35H LEASE ROAD	Sampling Condition:	Cool & Intact
Project Number:	236729	Sample Received By:	Tamara Oldaker
Project Location:	DEVON-EDDY CO., NM		

Sample ID: SW - 5A (0-4.5') (H232633-05)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/24/2023	ND	2.16	108	2.00	1.31		
Toluene*	<0.050	0.050	05/24/2023	ND	2.23	111	2.00	2.48		
Ethylbenzene*	<0.050	0.050	05/24/2023	ND	2.14	107	2.00	1.51		
Total Xylenes*	<0.150	0.150	05/24/2023	ND	6.61	110	6.00	1.16		
Total BTX	<0.300	0.300	05/24/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/24/2023	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	05/24/2023	ND	226	113	200	3.29	
DRO >C10-C28*	<10.0	10.0	05/24/2023	ND	212	106	200	9.07	
EXT DRO >C28-C36	<10.0	10.0	05/24/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/23/2023	Sampling Date:	05/23/2023
Reported:	05/26/2023	Sampling Type:	Solid
Project Name:	PINNACLE CTB 35H LEASE ROAD	Sampling Condition:	Cool & Intact
Project Number:	236729	Sample Received By:	Tamara Oldaker
Project Location:	DEVON-EDDY CO., NM		

Sample ID: SW - 6A (0-4.5') (H232633-06)

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	05/24/2023	ND	2.16	108	2.00	1.31		
Toluene*	<0.050	0.050	05/24/2023	ND	2.23	111	2.00	2.48		
Ethylbenzene*	<0.050	0.050	05/24/2023	ND	2.14	107	2.00	1.51		
Total Xylenes*	<0.150	0.150	05/24/2023	ND	6.61	110	6.00	1.16		
Total BTEX	<0.300	0.300	05/24/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	05/24/2023	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	05/24/2023	ND	226	113	200	3.29	
DRO >C10-C28*	<10.0	10.0	05/24/2023	ND	212	106	200	9.07	
EXT DRO >C28-C36	<10.0	10.0	05/24/2023	ND					

Surrogate: 1-Chlorooctane 95.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/23/2023
 Reported: 05/26/2023
 Project Name: PINNACLE CTB 35H LEASE ROAD
 Project Number: 236729
 Project Location: DEVON-EDDY CO., NM

Sampling Date: 05/23/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 7A (0-4.5') (H232633-07)

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	05/24/2023	ND	2.16	108	2.00	1.31		
Toluene*	<0.050	0.050	05/24/2023	ND	2.23	111	2.00	2.48		
Ethylbenzene*	<0.050	0.050	05/24/2023	ND	2.14	107	2.00	1.51		
Total Xylenes*	<0.150	0.150	05/24/2023	ND	6.61	110	6.00	1.16		
Total BTEX	<0.300	0.300	05/24/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	05/24/2023	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	05/24/2023	ND	226	113	200	3.29	
DRO >C10-C28*	<10.0	10.0	05/24/2023	ND	212	106	200	9.07	
EXT DRO >C28-C36	<10.0	10.0	05/24/2023	ND					

Surrogate: 1-Chlorooctane 98.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.5 % 49.1-148

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Analytical Results For:

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

Received: 05/23/2023
 Reported: 05/26/2023
 Project Name: PINNACLE CTB 35H LEASE ROAD
 Project Number: 236729
 Project Location: DEVON-EDDY CO., NM

Sampling Date: 05/23/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 8A (0-4.5') (H232633-08)

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	05/24/2023	ND	2.16	108	2.00	1.31		
Toluene*	<0.050	0.050	05/24/2023	ND	2.23	111	2.00	2.48		
Ethylbenzene*	<0.050	0.050	05/24/2023	ND	2.14	107	2.00	1.51		
Total Xylenes*	<0.150	0.150	05/24/2023	ND	6.61	110	6.00	1.16		
Total BTEX	<0.300	0.300	05/24/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/24/2023	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	05/24/2023	ND	226	113	200	3.29	
DRO >C10-C28*	<10.0	10.0	05/24/2023	ND	212	106	200	9.07	
EXT DRO >C28-C36	<10.0	10.0	05/24/2023	ND					

Surrogate: 1-Chlorooctane 99.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/23/2023	Sampling Date:	05/23/2023
Reported:	05/26/2023	Sampling Type:	Solid
Project Name:	PINNACLE CTB 35H LEASE ROAD	Sampling Condition:	Cool & Intact
Project Number:	236729	Sample Received By:	Tamara Oldaker
Project Location:	DEVON-EDDY CO., NM		

Sample ID: SW - 9A (0-4.5') (H232633-09)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/24/2023	ND	2.16	108	2.00	1.31		
Toluene*	<0.050	0.050	05/24/2023	ND	2.23	111	2.00	2.48		
Ethylbenzene*	<0.050	0.050	05/24/2023	ND	2.14	107	2.00	1.51		
Total Xylenes*	<0.150	0.150	05/24/2023	ND	6.61	110	6.00	1.16		
Total BTEX	<0.300	0.300	05/24/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/24/2023	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	05/24/2023	ND	226	113	200	3.29	
DRO >C10-C28*	<10.0	10.0	05/24/2023	ND	212	106	200	9.07	
EXT DRO >C28-C36	<10.0	10.0	05/24/2023	ND					

Surrogate: 1-Chlorooctane 94.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/23/2023	Sampling Date:	05/23/2023
Reported:	05/26/2023	Sampling Type:	Solid
Project Name:	PINNACLE CTB 35H LEASE ROAD	Sampling Condition:	Cool & Intact
Project Number:	236729	Sample Received By:	Tamara Oldaker
Project Location:	DEVON-EDDY CO., NM		

Sample ID: SW - 10A (0-4.5') (H232633-10)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/24/2023	ND	2.16	108	2.00	1.31		
Toluene*	<0.050	0.050	05/24/2023	ND	2.23	111	2.00	2.48		
Ethylbenzene*	<0.050	0.050	05/24/2023	ND	2.14	107	2.00	1.51		
Total Xylenes*	<0.150	0.150	05/24/2023	ND	6.61	110	6.00	1.16		
Total BTEX	<0.300	0.300	05/24/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/24/2023	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	05/24/2023	ND	226	113	200	3.29	
DRO >C10-C28*	90.6	10.0	05/24/2023	ND	212	106	200	9.07	
EXT DRO >C28-C36	15.5	10.0	05/24/2023	ND					

Surrogate: 1-Chlorooctane 83.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.5 % 49.1-148

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Analytical Results For:

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

Received:	05/23/2023	Sampling Date:	05/23/2023
Reported:	05/26/2023	Sampling Type:	Solid
Project Name:	PINNACLE CTB 35H LEASE ROAD	Sampling Condition:	Cool & Intact
Project Number:	236729	Sample Received By:	Tamara Oldaker
Project Location:	DEVON-EDDY CO., NM		

Sample ID: SW - 11A (0-4.5') (H232633-11)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/24/2023	ND	2.16	108	2.00	1.31		
Toluene*	<0.050	0.050	05/24/2023	ND	2.23	111	2.00	2.48		
Ethylbenzene*	<0.050	0.050	05/24/2023	ND	2.14	107	2.00	1.51		
Total Xylenes*	<0.150	0.150	05/24/2023	ND	6.61	110	6.00	1.16		
Total BTEX	<0.300	0.300	05/24/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/24/2023	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	05/24/2023	ND	226	113	200	3.29	
DRO >C10-C28*	<10.0	10.0	05/24/2023	ND	212	106	200	9.07	
EXT DRO >C28-C36	<10.0	10.0	05/24/2023	ND					

Surrogate: 1-Chlorooctane 95.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/23/2023	Sampling Date:	05/23/2023
Reported:	05/26/2023	Sampling Type:	Solid
Project Name:	PINNACLE CTB 35H LEASE ROAD	Sampling Condition:	Cool & Intact
Project Number:	236729	Sample Received By:	Tamara Oldaker
Project Location:	DEVON-EDDY CO., NM		

Sample ID: SW - 12A (0-4.5') (H232633-12)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/24/2023	ND	2.16	108	2.00	1.31		
Toluene*	<0.050	0.050	05/24/2023	ND	2.23	111	2.00	2.48		
Ethylbenzene*	<0.050	0.050	05/24/2023	ND	2.14	107	2.00	1.51		
Total Xylenes*	<0.150	0.150	05/24/2023	ND	6.61	110	6.00	1.16		
Total BTEX	<0.300	0.300	05/24/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/24/2023	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	05/24/2023	ND	226	113	200	3.29	
DRO >C10-C28*	<10.0	10.0	05/24/2023	ND	212	106	200	9.07	
EXT DRO >C28-C36	<10.0	10.0	05/24/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/23/2023	Sampling Date:	05/23/2023
Reported:	05/26/2023	Sampling Type:	Solid
Project Name:	PINNACLE CTB 35H LEASE ROAD	Sampling Condition:	Cool & Intact
Project Number:	236729	Sample Received By:	Tamara Oldaker
Project Location:	DEVON-EDDY CO., NM		

Sample ID: SW - 13A (0-4.5') (H232633-13)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/24/2023	ND	2.16	108	2.00	1.31		
Toluene*	<0.050	0.050	05/24/2023	ND	2.23	111	2.00	2.48		
Ethylbenzene*	<0.050	0.050	05/24/2023	ND	2.14	107	2.00	1.51		
Total Xylenes*	<0.150	0.150	05/24/2023	ND	6.61	110	6.00	1.16		
Total BTX	<0.300	0.300	05/24/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/24/2023	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	05/24/2023	ND	226	113	200	3.29	
DRO >C10-C28*	<10.0	10.0	05/24/2023	ND	212	106	200	9.07	
EXT DRO >C28-C36	<10.0	10.0	05/24/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/23/2023	Sampling Date:	05/23/2023
Reported:	05/26/2023	Sampling Type:	Solid
Project Name:	PINNACLE CTB 35H LEASE ROAD	Sampling Condition:	Cool & Intact
Project Number:	236729	Sample Received By:	Tamara Oldaker
Project Location:	DEVON-EDDY CO., NM		

Sample ID: SW - 14A (0-4.5') (H232633-14)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/24/2023	ND	2.16	108	2.00	1.31		
Toluene*	<0.050	0.050	05/24/2023	ND	2.23	111	2.00	2.48		
Ethylbenzene*	<0.050	0.050	05/24/2023	ND	2.14	107	2.00	1.51		
Total Xylenes*	<0.150	0.150	05/24/2023	ND	6.61	110	6.00	1.16		
Total BTEX	<0.300	0.300	05/24/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	05/24/2023	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	05/24/2023	ND	226	113	200	3.29	
DRO >C10-C28*	<10.0	10.0	05/24/2023	ND	212	106	200	9.07	
EXT DRO >C28-C36	<10.0	10.0	05/24/2023	ND					

Surrogate: 1-Chlorooctane 79.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/23/2023	Sampling Date:	05/23/2023
Reported:	05/26/2023	Sampling Type:	Solid
Project Name:	PINNACLE CTB 35H LEASE ROAD	Sampling Condition:	Cool & Intact
Project Number:	236729	Sample Received By:	Tamara Oldaker
Project Location:	DEVON-EDDY CO., NM		

Sample ID: SW - 15A (0-4.5') (H232633-15)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/24/2023	ND	2.16	108	2.00	1.31		
Toluene*	<0.050	0.050	05/24/2023	ND	2.23	111	2.00	2.48		
Ethylbenzene*	<0.050	0.050	05/24/2023	ND	2.14	107	2.00	1.51		
Total Xylenes*	<0.150	0.150	05/24/2023	ND	6.61	110	6.00	1.16		
Total BTEX	<0.300	0.300	05/24/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	05/24/2023	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	05/24/2023	ND	226	113	200	3.29	
DRO >C10-C28*	109	10.0	05/24/2023	ND	212	106	200	9.07	
EXT DRO >C28-C36	16.3	10.0	05/24/2023	ND					

Surrogate: 1-Chlorooctane 95.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/23/2023	Sampling Date:	05/23/2023
Reported:	05/26/2023	Sampling Type:	Solid
Project Name:	PINNACLE CTB 35H LEASE ROAD	Sampling Condition:	Cool & Intact
Project Number:	236729	Sample Received By:	Tamara Oldaker
Project Location:	DEVON-EDDY CO., NM		

Sample ID: SW - 16A (0-4.5') (H232633-16)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/24/2023	ND	2.16	108	2.00	1.31		
Toluene*	<0.050	0.050	05/24/2023	ND	2.23	111	2.00	2.48		
Ethylbenzene*	<0.050	0.050	05/24/2023	ND	2.14	107	2.00	1.51		
Total Xylenes*	<0.150	0.150	05/24/2023	ND	6.61	110	6.00	1.16		
Total BTEX	<0.300	0.300	05/24/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/24/2023	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	05/24/2023	ND	226	113	200	3.29	
DRO >C10-C28*	<10.0	10.0	05/24/2023	ND	212	106	200	9.07	
EXT DRO >C28-C36	<10.0	10.0	05/24/2023	ND					

Surrogate: 1-Chlorooctane 90.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/23/2023	Sampling Date:	05/23/2023
Reported:	05/26/2023	Sampling Type:	Solid
Project Name:	PINNACLE CTB 35H LEASE ROAD	Sampling Condition:	Cool & Intact
Project Number:	236729	Sample Received By:	Tamara Oldaker
Project Location:	DEVON-EDDY CO., NM		

Sample ID: SW - 17A (0-4.5') (H232633-17)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/24/2023	ND	2.16	108	2.00	1.31		
Toluene*	<0.050	0.050	05/24/2023	ND	2.23	111	2.00	2.48		
Ethylbenzene*	<0.050	0.050	05/24/2023	ND	2.14	107	2.00	1.51		
Total Xylenes*	<0.150	0.150	05/24/2023	ND	6.61	110	6.00	1.16		
Total BTEX	<0.300	0.300	05/24/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/24/2023	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	05/24/2023	ND	226	113	200	3.29	
DRO >C10-C28*	<10.0	10.0	05/24/2023	ND	212	106	200	9.07	
EXT DRO >C28-C36	<10.0	10.0	05/24/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/23/2023
 Reported: 05/26/2023
 Project Name: PINNACLE CTB 35H LEASE ROAD
 Project Number: 236729
 Project Location: DEVON-EDDY CO., NM

Sampling Date: 05/23/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 19A (0-4.5') (H232633-18)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/24/2023	ND	2.16	108	2.00	1.31		
Toluene*	<0.050	0.050	05/24/2023	ND	2.23	111	2.00	2.48		
Ethylbenzene*	<0.050	0.050	05/24/2023	ND	2.14	107	2.00	1.51		
Total Xylenes*	<0.150	0.150	05/24/2023	ND	6.61	110	6.00	1.16		
Total BTEx	<0.300	0.300	05/24/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/24/2023	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	05/24/2023	ND	226	113	200	3.29	
DRO >C10-C28*	<10.0	10.0	05/24/2023	ND	212	106	200	9.07	
EXT DRO >C28-C36	<10.0	10.0	05/24/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

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

Received: 05/23/2023
 Reported: 05/26/2023
 Project Name: PINNACLE CTB 35H LEASE ROAD
 Project Number: 236729
 Project Location: DEVON-EDDY CO., NM

Sampling Date: 05/23/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 20A (0-4.5') (H232633-19)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/24/2023	ND	2.16	108	2.00	1.31		
Toluene*	<0.050	0.050	05/24/2023	ND	2.23	111	2.00	2.48		
Ethylbenzene*	<0.050	0.050	05/24/2023	ND	2.14	107	2.00	1.51		
Total Xylenes*	<0.150	0.150	05/24/2023	ND	6.61	110	6.00	1.16		
Total BTEX	<0.300	0.300	05/24/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	05/24/2023	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	05/24/2023	ND	226	113	200	3.29	
DRO >C10-C28*	<10.0	10.0	05/24/2023	ND	212	106	200	9.07	
EXT DRO >C28-C36	<10.0	10.0	05/24/2023	ND					

Surrogate: 1-Chlorooctane 89.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.2 % 49.1-148

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Analytical Results For:

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

Received:	05/23/2023	Sampling Date:	05/23/2023
Reported:	05/26/2023	Sampling Type:	Solid
Project Name:	PINNACLE CTB 35H LEASE ROAD	Sampling Condition:	Cool & Intact
Project Number:	236729	Sample Received By:	Tamara Oldaker
Project Location:	DEVON-EDDY CO., NM		

Sample ID: SW - 21A (3-4.5') (H232633-20)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/24/2023	ND	2.16	108	2.00	1.31		
Toluene*	<0.050	0.050	05/24/2023	ND	2.23	111	2.00	2.48		
Ethylbenzene*	<0.050	0.050	05/24/2023	ND	2.14	107	2.00	1.51		
Total Xylenes*	<0.150	0.150	05/24/2023	ND	6.61	110	6.00	1.16		
Total BTX	<0.300	0.300	05/24/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	05/24/2023	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	05/24/2023	ND	226	113	200	3.29	
DRO >C10-C28*	<10.0	10.0	05/24/2023	ND	212	106	200	9.07	
EXT DRO >C28-C36	<10.0	10.0	05/24/2023	ND					

Surrogate: 1-Chlorooctane 85.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.9 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No: 4232633Page 1 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@devon.com

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

Project Name:	Pinnacle CTB 35H Lease Road	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST												Preservative Codes							
Project Number:	236729	Due Date:	72 HR														None: NO DI Water: H ₂ O							
Project Location:	Eddy Co. NM	TAT starts the day received by the lab, if received by 4:30pm															Cool: Cool MeOH: Me							
Sampler's Name:	Jordan Tyner																HCL: HC HNO ₃ : HN							
PO #:	21105982																H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													H ₃ PO ₄ : HP						
Received In tact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:																NaHSO ₄ : NABIS						
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃						
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:																Zn Acetate+NaOH: Zn						
Total Containers:		Corrected Temperature:																NaOH+Ascorbic Acid: SAPC						
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments				
SW-1A (0-4')	5/23/2023			X		Comp	1	X	X	X														
SW-2A (0-4')	5/23/2023			X		Comp	1	X	X	X														
SW-3A (0-4')	5/23/2023			X		Comp	1	X	X	X														
SW-4A (4-4.5')	5/23/2023			X		Comp	1	X	X	X														
SW-5A (0-4.5')	5/23/2023			X		Comp	1	X	X	X														
SW-6A (0-4.5')	5/23/2023			X		Comp	1	X	X	X														
SW-7A (0-4.5')	5/23/2023			X		Comp	1	X	X	X														
SW-8A (0-4.5')	5/23/2023			X		Comp	1	X	X	X														
SW-9A (0-4.5')	5/23/2023			X		Comp	1	X	X	X														
SW-10A (0-4.5')	5/23/2023			X		Comp	1	X	X	X														

Additional Comments:

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	5-23-23 1500			
		2			
		4			
		6			



Chain of Custody

Work Order No: H232633

Page 2 of 3

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Matthews
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.Matthews@dvn.com

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

Project Name:	Pinnacle CTB 35H Lease Road	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code		ANALYSIS REQUEST												Preservative Codes	
Project Number:	236729	Due Date:	72 HR															None: NO	DI Water: H ₂ O
Project Location:	Eddy Co. NM	TAT starts the day received by the lab, if received by 4:30pm																Cool: Cool	MeOH: Me
Sampler's Name:	Jordan Tyner																	HCL: HC	HNO ₃ : HN
PO #:	21105882																	H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													H ₃ PO ₄ : HP	
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	113															NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:	-0.6°C															Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:	2.5°C															Zn Acetate+NaOH: Zn	
Total Containers:		Corrected Temperature:	1.9°C															NaOH+Ascorbic Acid: SACP	
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments
SW-11A (0-4.5')	5/23/2023		X		Comp	1	X	X	X	X									
SW-12A (0-4.5')	5/23/2023		X		Comp	1	X	X	X	X									
SW-13A (0-4.5')	5/23/2023		X		Comp	1	X	X	X	X									
SW-14A (4-4.5')	5/23/2023		X		Comp	1	X	X	X	X									
SW-15A (0-4.5')	5/23/2023		X		Comp	1	X	X	X	X									
SW-16A (0-4.5')	5/23/2023		X		Comp	1	X	X	X	X									
SW-17A (0-4.5')	5/23/2023		X		Comp	1	X	X	X	X									
SW-18A (0-4.5') ST	5/23/2023		X		Comp	1	X	X	X	X									
SW-19A (0-4.5')	5/23/2023		X		Comp	1	X	X	X	X									
SW-20A (0-4.5')	5/23/2023		X		Comp	1	X	X	X	X									

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	5-23-23 1500			

Chain of Custody

Work Order No: 14232633

Page 3 of 3

Page 25 of 25

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@dyn.com

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

[illegible]

Additional Comments:

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		5-23-23/SDO	2		
			4		
			6		



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

May 26, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: PINNACLE CTB 35H LEASE ROAD

Enclosed are the results of analyses for samples received by the laboratory on 05/23/23 16:20.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/23/2023	Sampling Date:	05/23/2023
Reported:	05/26/2023	Sampling Type:	Soil
Project Name:	PINNACLE CTB 35H LEASE ROAD	Sampling Condition:	Cool & Intact
Project Number:	236729	Sample Received By:	Tamara Oldaker
Project Location:	DEVON-EDDY CO., NM		

Sample ID: SW - 18A (0-4.5') (H232636-01)

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	05/24/2023	ND	2.30	115	2.00	2.44		
Toluene*	<0.050	0.050	05/24/2023	ND	2.26	113	2.00	3.44		
Ethylbenzene*	<0.050	0.050	05/24/2023	ND	2.19	110	2.00	3.93		
Total Xylenes*	<0.150	0.150	05/24/2023	ND	6.67	111	6.00	3.51		
Total BTEX	<0.300	0.300	05/24/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	05/24/2023	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	05/24/2023	ND	208	104	200	6.85	
DRO >C10-C28*	<10.0	10.0	05/24/2023	ND	193	96.7	200	6.48	
EXT DRO >C28-C36	<10.0	10.0	05/24/2023	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

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

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

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

[illegible]



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

June 08, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: PINNACLE CTB 35H LEASE ROAD

Enclosed are the results of analyses for samples received by the laboratory on 06/06/23 15:38.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is fluid and cursive, with the first name "Celey" and last name "Keene" clearly distinguishable.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/06/2023	Sampling Date:	06/06/2023
Reported:	06/08/2023	Sampling Type:	Soil
Project Name:	PINNACLE CTB 35H LEASE ROAD	Sampling Condition:	Cool & Intact
Project Number:	236729	Sample Received By:	Tamara Oldaker
Project Location:	DEVON-EDDY CO., NM		

Sample ID: SW - 10 B (H232869-01)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/06/2023	ND	2.13	107	2.00	5.60	
Toluene*	<0.050	0.050	06/06/2023	ND	2.13	106	2.00	6.54	
Ethylbenzene*	<0.050	0.050	06/06/2023	ND	2.22	111	2.00	5.34	
Total Xylenes*	<0.150	0.150	06/06/2023	ND	6.59	110	6.00	5.19	
Total BTX	<0.300	0.300	06/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

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	06/07/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/06/2023	ND	184	92.1	200	12.9	
DRO >C10-C28*	<10.0	10.0	06/06/2023	ND	181	90.5	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	06/06/2023	ND					

Surrogate: 1-Chlorooctane 79.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.4 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/06/2023	Sampling Date:	06/06/2023
Reported:	06/08/2023	Sampling Type:	Soil
Project Name:	PINNACLE CTB 35H LEASE ROAD	Sampling Condition:	Cool & Intact
Project Number:	236729	Sample Received By:	Tamara Oldaker
Project Location:	DEVON-EDDY CO., NM		

Sample ID: SW - 15 B (H232869-02)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/06/2023	ND	2.13	107	2.00	5.60		
Toluene*	<0.050	0.050	06/06/2023	ND	2.13	106	2.00	6.54		
Ethylbenzene*	<0.050	0.050	06/06/2023	ND	2.22	111	2.00	5.34		
Total Xylenes*	<0.150	0.150	06/06/2023	ND	6.59	110	6.00	5.19		
Total BTX	<0.300	0.300	06/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/07/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/06/2023	ND	184	92.1	200	12.9	
DRO >C10-C28*	<10.0	10.0	06/06/2023	ND	181	90.5	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	06/06/2023	ND					

Surrogate: 1-Chlorooctane 57.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 58.8 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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 client for 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 thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential 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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>NTG Environmental</u> Project Manager: <u>Ethan Sessions</u> Address: <u>402 E Wood Ave</u> City: <u>Carlsbad</u> State: <u>NM</u> Zip: <u>88220</u> Phone #: <u>254-266-5456</u> Fax #: _____ Project #: _____ Project Name: <u>Pinnacle CTB 35H Lease Rd</u> Project Location: <u>Eddy Co. NM</u> Sample Name: <u>Ethan Sessions</u>				BILL TO P.O. #: <u>21105882</u> Company: <u>Devon</u> Attn: <u>Dale Woodall</u> Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____				ANALYSIS REQUEST							
FOR LAB USE ONLY				MATRIX				PRESERV.				SAMPLING			
Lab I.D.				Sample I.D.				(G)RAB OR (C)OMP.				# CONTAINERS			
H232869 1 SW-10B 2 SW-15B				C11				GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:				DATE TIME 6/6 11:05 6/6 11:10			
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 analysis. 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 consequential 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. *Not By Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.				Relinquished By: <u>[Signature]</u> Date: <u>6-6-23</u> Time: <u>1538</u> Received By: <u>[Signature]</u> Date: <u>6-6-23</u> Time: _____				Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: _____ All Results are emailed: <input type="checkbox"/> Yes <input type="checkbox"/> No Please provide Email address: _____							
Relinquished By: <u>[Signature]</u> Date: <u>6-6-23</u> Time: _____				Observed Temp. °C <u>2.4</u> Corrected Temp. °C <u>1.8</u> Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Checked By: <u>[Signature]</u> Turnaround Time: _____ Thermometer ID #113 Correction Factor +0.8°C Standard <input type="checkbox"/> Rush <input checked="" type="checkbox"/> Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No Observed Temp. °C _____ Corrected Temp. °C _____				REMARKS:							

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 233508

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 233508
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #NAPP2235358408 PINNACLE STATE #035H, thank you. This Remediation Closure Report is approved. A report for reclamation and revegetation including pictures of the contoured backfilled excavation surface and a thorough discussion on reseeding mixture, vegetation ratio, timelines, etc., will need to be submitted and approved prior to this incident receiving the final status of "Restoration Complete".	12/21/2023