Incident ID nAPP2235358408

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?	<u>5</u> 5' (ft bgs)				
Did this release impact groundwater or surface water?					
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ⊠ No				
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ⊠ No				
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ⊠ No				
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ⊠ No				
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ⊠ No				
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ⊠ No				
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ⊠ No				
Are the lateral extents of the release overlying a subsurface mine?					
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ⊠ No				
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ⊠ No				
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes ⊠ No				
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.					
Characterization Report Checklist: Each of the following items must be included in the report.					
 Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. Field data Data table of soil contaminant concentration data Depth to water determination Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release Boring or excavation logs Photographs including date and GIS information Topographic/Aerial maps 					
[M TOPOGRAPHIC/ACHAI HIAPS					

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.

□ Laboratory data including chain of custody

Received by OCD: 6/27/2023 2:54:01 PM Form C-141 State of New Mexico Page 4 Oil Conservation Division

	Page 2 0f 29
Incident ID	nAPP2235358408
District RP	
Facility ID	

Application ID

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. Env. Professional Printed Name: Dale Woodall Title: Signature: Dale Woodall Date: 6/27/2023 Telephone: <u>575-748-1838</u> email: dale.woodall@dvn.com **OCD Only** Received by: Shelly Wells Date: 6/28/2023

1 by OCD: 6/27/2023 2:54:01 PM State of New Mexico

Incident ID	nAPP2235358408
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: Each of the following items must be incl	uded 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	ad as nave of any vacuast for deferral of remadiation				
Contamination must be in areas immediately under or around product deconstruction.					
Extents of contamination must be fully delineated.					
Contamination does not cause an imminent risk to human health, the	environment, or groundwater.				
I hereby certify that the information given above is true and complete to trules and regulations all operators are required to report and/or file certain which may endanger public health or the environment. The acceptance of liability should their operations have failed to adequately investigate and surface water, human health or the environment. In addition, OCD accept responsibility for compliance with any other federal, state, or local laws at	n release notifications and perform corrective actions for releases f a C-141 report by the OCD does not relieve the operator of remediate contamination that pose a threat to groundwater, tance of a C-141 report does not relieve the operator of				
Printed Name: Dale Woodall T	ttle:Env. Professional				
Printed Name: Date Woodall Signature: Dala Woodall Da	ate:6/27/2023				
email: _dale.woodall@dvn.com To	elephone: _575-748-1838				
OCD Only					
Received by: Shelly Wells Day	te: <u>6/28/2023</u>				
Approved	oval Denied Deferral Approved				
Signature: Date	<u>:</u>				

Page 4 of 292

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 is	tems must be included in the closure report.
A scaled site and sampling diagram as described in 19.15.29.1	11 NMAC
Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection)	of the liner integrity if applicable (Note: appropriate OCD District office
☐ Laboratory analyses of final sampling (Note: appropriate ODG	C District office must be notified 2 days prior to final sampling)
□ Description of remediation activities	
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of	ations. The responsible party acknowledges they must substantially anditions that existed prior to the release or their final land use in
Signature: Dals Woodall	
email:dale.woodall@dvn.com	Telephone: 575-748-1838
OCD Only	
Received by: Shelly Wells	Date: <u>6/28/2023</u>
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible 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.

NTGE Project No.: 236729



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

A NTG

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 | <u>Jocelyn.Harimon@emnrd.nm.gov</u>
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: essessums@ntglobal.com

Email: <u>esessums@ntglobal.com</u> 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

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

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



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

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

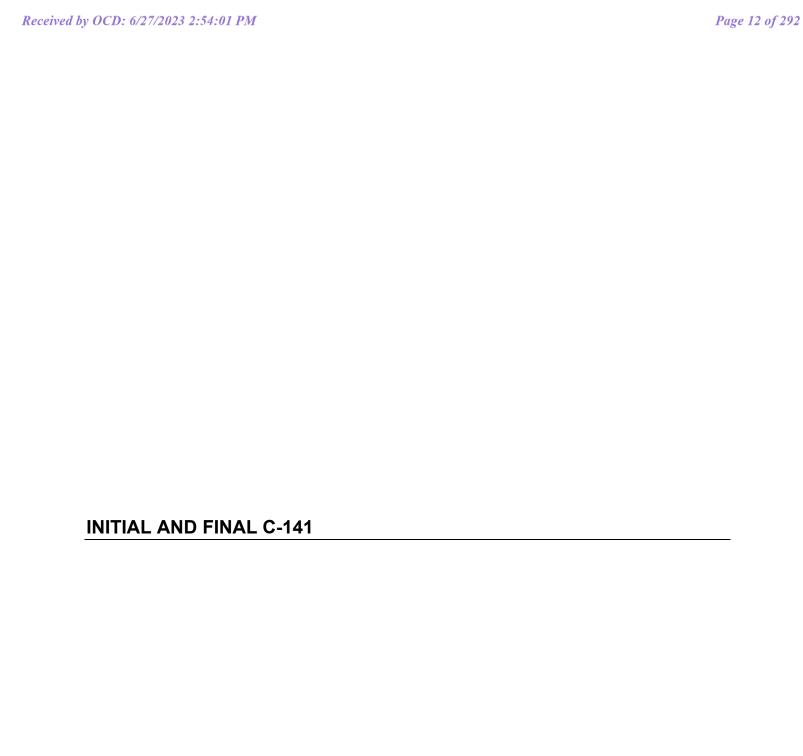
NTGE on behalf of DEVON Energy Production Company will be conducting confirmation sampling next week June the 6th the 23rd 2023 around 12 .p.m. MDT regarding incident id: nAPP2235358408

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/





District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible	Party			OGRID		
Contact Name Contact 7			elephone			
Contact email Incident			(assigned by OCD)			
Contact mail:	ing address			-		
			Location	of Release S	ource	
Latitude				Longitude		
			(NAD 83 in de	cimal degrees to 5 decir	nal places)	
Site Name				Site Type		
Date Release	Discovered			API# (if app	olicable)	
Unit Letter	Section	Township	Range	Cour	ntv]
Omit Detter	Section	Township	Runge	Cour	11.9	
Surface Owner	r: State	Federal Tr	ibal Private (I	Name:)
			Nature and	d Volume of 1	Release	
Crude Oil		Volume Released		calculations or specific	Volume Reco	volumes provided below) vered (bbls)
Produced	Water	Volume Release	` '		Volume Reco	* *
			ion of total dissol	ved solids (TDS)	Yes No	
		in the produced v	water >10,000 mg			
Condensa		Volume Release			Volume Reco	
Natural G	as	Volume Release	d (Mcf)		Volume Recovered (Mcf)	
Other (describe) Volume/Weight Released (provide units)		e units)	Volume/Weight Recovered (provide units)			
Cause of Rele	ease					

Received by OCD: 6/27/2023/2:54:01/PM State of New Mexico
Page 2 Oil Conservation Division

	Page decof 29
Incident ID	
District RP	

Facility ID

		Aŗ	oplication ID	
	T			
Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the respons	sible party consider this	a major release?	
☐ Yes ☐ No				
If YES, was immediate no	otice given to the OCD? By whom? To who	om? When and by what	means (phone, er	nail, etc)?
	Initial Re	sponse		
The responsible	party must undertake the following actions immediately	unless they could create a saf	fety hazard that would	result in injury
☐ The source of the rele	ease has been stopped.			
☐ The impacted area ha	s been secured to protect human health and t	he environment.		
Released materials ha	ave been contained via the use of berms or di	kes, absorbent pads, or o	other containment	t devices.
All free liquids and re	ecoverable materials have been removed and	managed appropriately.	•	
If all the actions described	d above have <u>not</u> been undertaken, explain w	hy:		
has begun, please attach	IAC the responsible party may commence re a narrative of actions to date. If remedial e at area (see 19.15.29.11(A)(5)(a) NMAC), pl	fforts have been success	sfully completed	or if the release occurred
regulations all operators are public health or the environ failed to adequately investig	rmation given above is true and complete to the b required to report and/or file certain release notifi ment. The acceptance of a C-141 report by the OG gate and remediate contamination that pose a threa of a C-141 report does not relieve the operator of re-	cations and perform correct CD does not relieve the ope t to groundwater, surface w	ctive actions for rele erator of liability sh water, human health	eases which may endanger could their operations have or the environment. In
Printed Name:		Title:		
Signature: Kendra	ı Ruiz	Date:		
email:		Telephone:		
OCD Only				
Jocelyn Received by:	Harimon	Date: 01/04/2022		

New Mexico Incident ID nAPP2235358408

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?	<u>5</u> 5' (ft bgs)							
Did this release impact groundwater or surface water?								
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?								
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?								
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?								
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ⊠ No							
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?								
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?								
Are the lateral extents of the release within 300 feet of a wetland?								
Are the lateral extents of the release overlying a subsurface mine?								
Are the lateral extents of the release overlying an unstable area such as karst geology?								
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ⊠ No							
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes ⊠ No							
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vercontamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.	rtical extents of soil							
Characterization Report Checklist: Each of the following items must be included in the report.								
 \infty Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring well \infty Field data 	ls.							
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.

Received by OCD: 6/27/2023 2:54:01 PM Form C-141 State of New Mexico Page 4 Oil Conservation Division

	Page 10 of 29.
Incident ID	nAPP2235358408
District RP	

Facility ID
Application ID

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.							
Printed Name:Dale Woodall Signature: email:dale.woodall@dvn.com	Title:Env. Professional Date:6/27/2023 Telephone:575-748-1838						
OCD Only							
Received by:	Date:						

Page 17 of 292 nAPP2235358408 Incident ID District RP Facility ID Application ID

Remediation Plan

Remediation Plan Checklist: Each of the following items must be	e 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 con	nfirmed as part of any request for deferral of remediation.								
Contamination must be in areas immediately under or around predeconstruction.	roduction equipment where remediation could cause a major facility								
Extents of contamination must be fully delineated.									
Contamination does not cause an imminent risk to human health	n, the environment, or groundwater.								
	e and remediate contamination that pose a threat to groundwater, acceptance of a C-141 report does not relieve the operator of								
Printed Name: Dale Woodall	Title:Env. Professional								
Printed Name: Dale Woodall Signature: Dale Woodall	Date:6/27/2023								
email: dale.woodall@dvn.com	Telephone: 575-748-1838								
OCD Only									
Received by:	Date:								
Approved	Approval Denied Deferral Approved								
Signature:	Date:								

Page 18 of 292

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 it	ems must be included in the closure report.								
	1 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									
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and renhuman health or the environment. In addition, OCD acceptance of a compliance with any other federal, state, or local laws and/or regular restore, reclaim, and re-vegetate the impacted surface area to the confaccordance with 19.15.29.13 NMAC including notification to the Octaver accordance.	nediate contamination that pose a threat to groundwater, surface water, a C-141 report does not relieve the operator of responsibility for tions. The responsible party acknowledges they must substantially neditions that existed prior to the release or their final land use in								
	Date: 6/27/2023 Telephone: 575-748-1838								
OCD Only									
Received by:	Date:								
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations.								
Closure Approved by:	Date:								
Printed Name:									

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

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

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

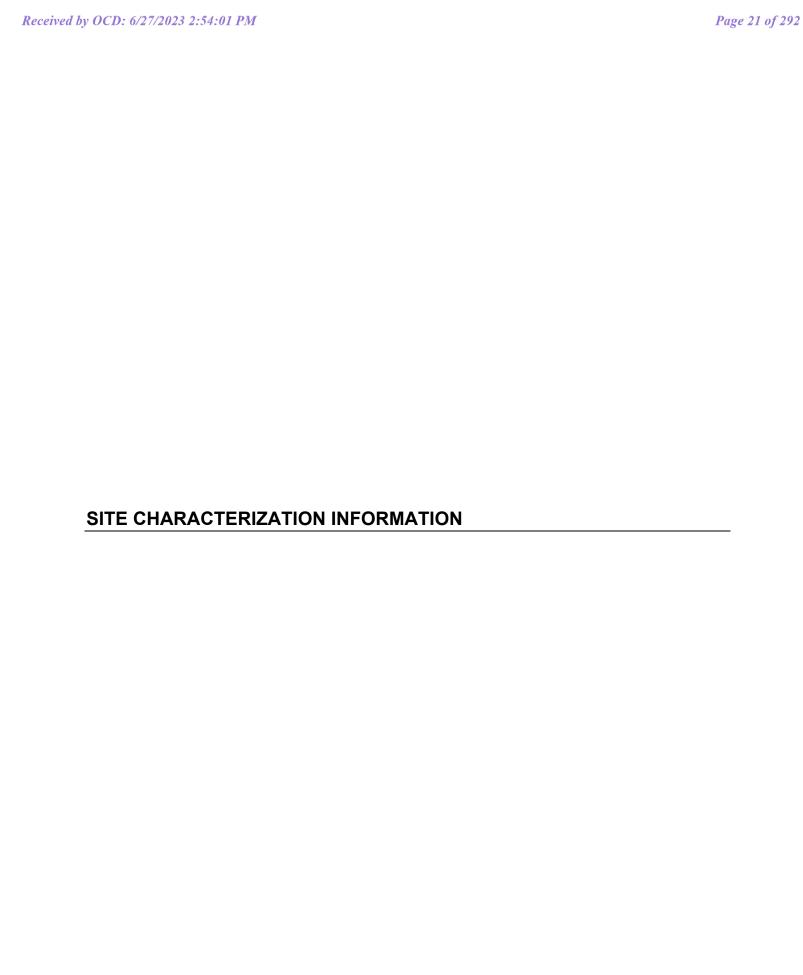
Action 172120

CONDITIONS

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

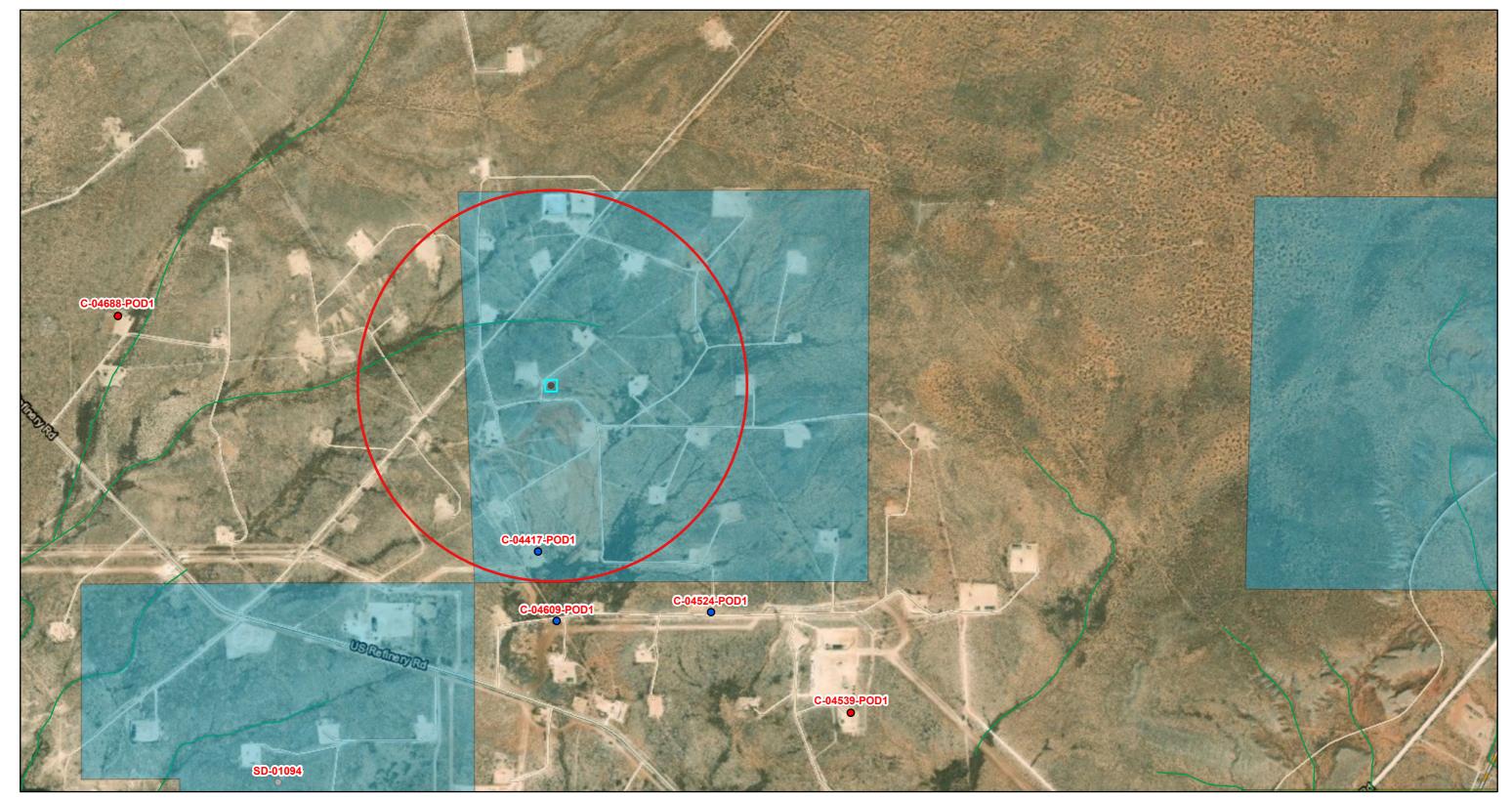
CONDITIONS

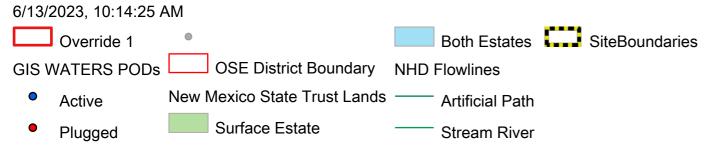
Created By		Condition Date
jharimon	None	1/4/2023

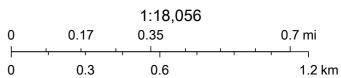


Received by OCD: 6/27/2023 2:54:01 PM

OSE POD Locations Map







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



	OSE POD NO. (WELL NO.) WELL TAG ID NO. Well Tag ID Not Justice								OSE FILE NO	(S).			
NO.	POD1 Well Tag ID Not Issued							C 04417					
OCAT	WELL OWNER NAME(S) WPX Energy							PHONE (OPTI	ONAL)				
GENERAL AND WELL LOCATION	WELL OWNER MAILING ADDRESS 5315 Buena Vista Drive							CITY Carlsbad		STATE NM	88220	ZIP	
2		- T		. DE	GREES	MINUTES	SECONI	9					
¥	WELL LOCATIO	, l			32	20	35.4		* ACCURACY	REQUIRED: ONE TEN	TH OF A S	SECOND	
Σ	(FROM GP	's)	LATITUI		-104	02	47.1		1	QUIRED: WGS 84			
N E			LONGIT	UDE		-							
G	M-36-22S-				STREET ADDRI	SS AND COMMON	I LANDMAI	CKS – PLS	SS (SECTION, TC)WNSHЛР, RANGE) WH	IEKE AVA	ILABLE	
	LICENSE NO).	N.A	AME OF LICENSED	DRILLER					NAME OF WELL DR	ILLING C	OMPANY	
	178	39			•	Mark Mumby				HRL C	omplian	ce Solutions	
	DRILLING ST		DR	RILLING ENDED	DEPTH OF COM	IPLETED WELL (FI	Γ) Ι	ORE HO	LE DEPTH (FT)	DEPTH WATER FIR			
	3/31/2	2020		3/31/2020		55			55	Water v	was not	encountered	
z	COMPLETED WELL IS: ARTESIAN				✓ DRY HOLI	SHALLO	W (UNCON	FINED)		STATIC WATER LEV Water was not pr			
T O	DRILLING FI	LUID:		AIR	MUD	MUD ADDITIVES - SPECIFY:							
CASING INFORMATION	DRILLING METHOD: ROTARY			HAMMER	CABLE T	OOL	✓ OTHE	R - SPECIFY:	Hollo	w Stem	Auger		
Š.	DEPTH (feet bgl) BORE HOLE		CASING MATERIAL AND/OR				CASING	CASI	NG WALL				
<u> </u>	FROM TO		5	DIAM	GRADE (include each casing string, and note sections of screen)			CASING CONNECTION TYPE (add coupling diameter)		CASING CASING WALI INSIDE DIAM. (inches) (inches)			SLOT SIZE
SIS				(inches)			l l					inches)	(inches)
Ž	0	45	;	6.25	Blank PVC				h Thread	2.0	0.154		0.010
DRILLING &	45 55		,	6.25	Factory :	Factory Slotted PVC Screen		Flush Thread		2.0	0.154		0.010
rru													
DRI													
7													

:										1			
	<u> </u>				1					T	<u> </u>		<u> </u>
. 1	DEPTH ((feet bg		BORE HOLE	LIST ANNULAR SEAL MATERIAL AND			i			METHOD OF		
RIAI	FROM	TC)	DIAM. (inches)	GRAVEL PACK SIZE-RANGE BY INTERVAL			(**************************************			PLACEM	IENI	
ANNULAR MATERIAL					No	Annular Seal M	aterial or (iravel Pa	ick	None			
MA								•					
LAR													
5N		,				· · · · · · · · · · · · · · · · · · ·							
3. AN			+			•		•••					
6.0			+								_		
200													
FOR FILE	OSE INTER		SE 417			POD NO	· Ť		WR-2	0 WELL RECORD a	<u>ε log (</u> ζ 17	Version 04/30	D/19)
		<u>- ال</u> ح ح	<u> </u>		2 c 12	7 9 E S.	· /		WELL TAGE	\(\frac{1}{2}\)\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	1	PAGE	1 OF 2

	THICKNESS FROM TO (feet) COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)								s	WAT BEAR (YES /	NG?	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	0	55	55		Silt/Sand with	Interhedded o	aliche			Y	✓ N	0.00
			33		Sho Sana with	Interocuted (Allene			Y	N	0.00
											N	
										Y	N	
										Y	N	
,										<u>-</u>	N	
ÆL!										<u> </u>	N N	
F W					=					Y	N N	
96					· · ·					<u>.</u> Y	N	
CL				, .					_	Y	N	
190										Y	N	
HYDROGEOLOGIC LOG OF WELL											N	
00										Y	N	
XDE	<u> </u>	 							+	· Y	N	
4. H										Y	<u>N</u>	
										<u>.</u> У	N	
										Y	N	
										<u>.</u> У	N	
			 .						_	· Y	- N	
										Y	N	
			 							Y	N	
•	METHOD II	SED TO ES	TIMATE YIFLD	l OF WATER-BEARIN	G STRATA:				TOTAL	L ESTIM		
	ПРИМІ		IR LIFT		THER – SPECI	ev. Water N	lot Enco	untered		YIELD		0.00
	POWII		IK LIFT	JPAILEK CO	I HEK - SPECI	r I : Waler I	- Enec		···			
SION	WELL TES			ACH A COPY OF DA' ME, AND A TABLE S								
RVIS	MISCELLA	NEOUS INI	FORMATION: W	ell was drilled to det	ermine depth t	to groundwa	iter in th	ne area. The v	vell was	a tempe	orary we	ll. The well
1 9			Wa	as monitored for the period of	presence of wa	ater 48-hour	s after o	irilling was c	omplete	; water	was not	encountered in
IC SI			£11v	e well at this time. Th	ic well was su	osequentry	avanuvi	ied 611 4/5/20	120.			
TEST; RIG SUPERVI												
TES	PRINT NAM	E(S) OF D	RILL RIG SUPER	RVISOR(S) THAT PRO	VIDED ONSIT	E SUPERVI	SION O	F WELL CON	STRUCT	гом от	HER TH	AN LICENSEE:
'n	Kalvin (Kell	y) Padilla										
URE .	RECORD OF	THE ABO	VE DESCRIBED	AT TO THE BEST OF WELL I ALSO CERT	TIFY THAT TH	E WELL TA	G, IF RE	QUIRED, HA	S BEEN	INSTAL	LED AN	D THAT THIS
SIGNATURE			_						_	,		
SIG		W/ z	M	\mathcal{M}^{-1}	Mark Mumby				whz	1000	1	
9	SIGNATURE OF DRILLER / PRINT SIGNEE NAME DATE											
		JIJIMI	DRILLE	, TAMI SIGNEE	1.4.114177						PATE	
	OSE INTERI	NAL USE						WR-20 WE		,		sion 04/30/2019)
\vdash	ENO.	<u>- 441</u>	<u> </u>		POD NO.			TRN NO.	6	<u>70 s</u>	>44	
LOC	CATION	5 3	7 T	LLS RL	8 E S	·c.36	WELL	TAG ID NO.	,,	VA		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





SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT Without Base Flood Elevation (BFE) With BFE or Depth Zone AE, AO, AH, VE, AR SPECIAL FLOOD HAZARD AREAS Regulatory Floodway 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average

OTHER AREAS OF FLOOD HAZARD

MAP PANELS

Area with Reduced Flood Risk due to Levee. See Notes. Zone X Area with Flood Risk due to Levee Zone D

Future Conditions 1% Annual Chance Flood Hazard Zone X

depth less than one foot or with drainage areas of less than one square mile Zone X

NO SCREEN Area of Minimal Flood Hazard Zone X Effective LOMRs

OTHER AREAS Area of Undetermined Flood Hazard Zone D

- - - Channel, Culvert, or Storm Sewer **GENERAL** STRUCTURES | LILLIL Levee, Dike, or Floodwall

> 20.2 Cross Sections with 1% Annual Chance Water Surface Elevation **Coastal Transect**

---- 513---- Base Flood Elevation Line (BFE) Limit of Study Jurisdiction Boundary

Coastal Transect Baseline OTHER **Profile Baseline FEATURES** Hydrographic Feature

Digital Data Available

No Digital Data Available

Unmapped

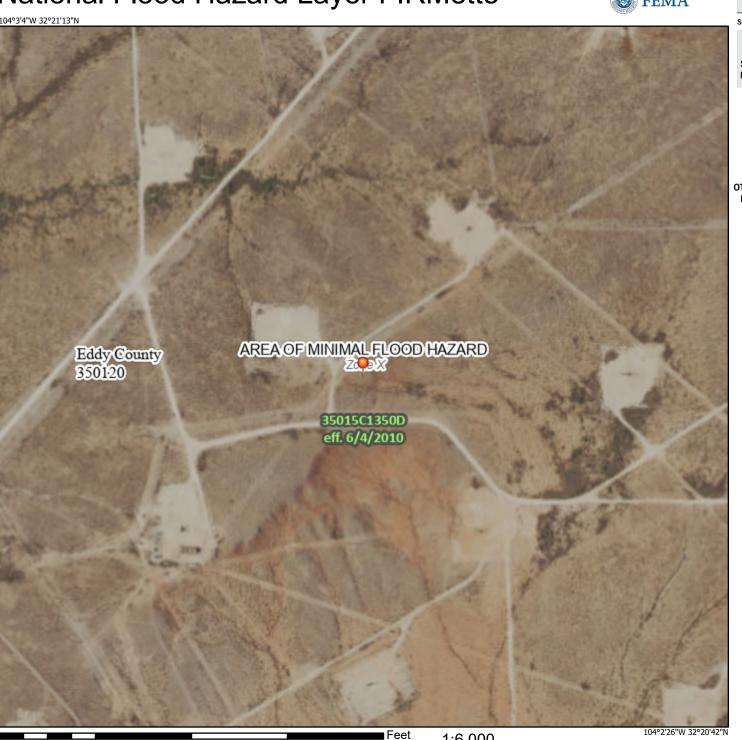
an authoritative property location. This map complies with FEMA's standards for the use of

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

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.

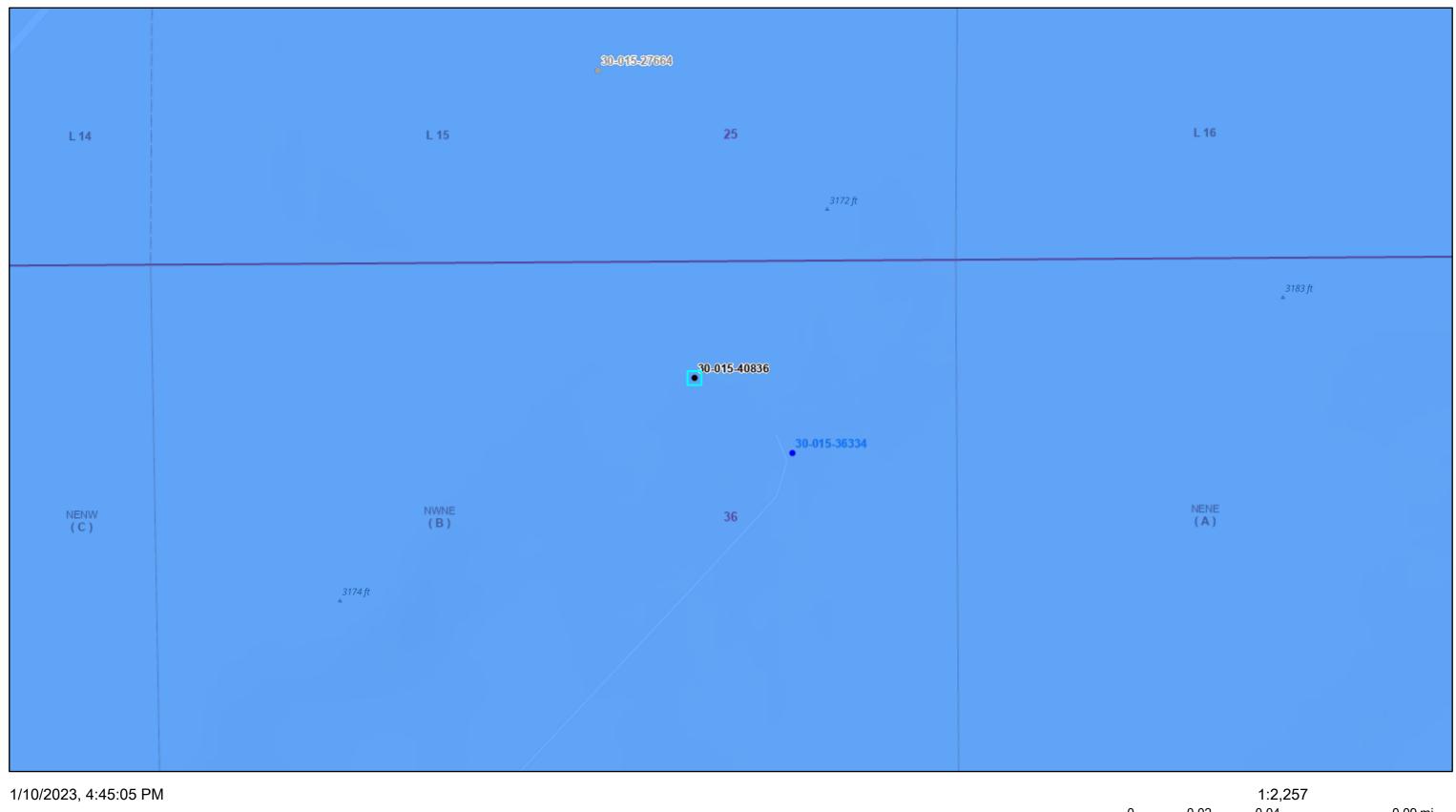
This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory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



2.000

Page 27 of 292 Received by OCD: 6/27/2023 2:54:01 PM

OCD Well Locations

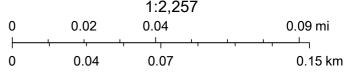


Changed Location of Well Karst Occurrence Potential Wells - Large Scale OSE PODs

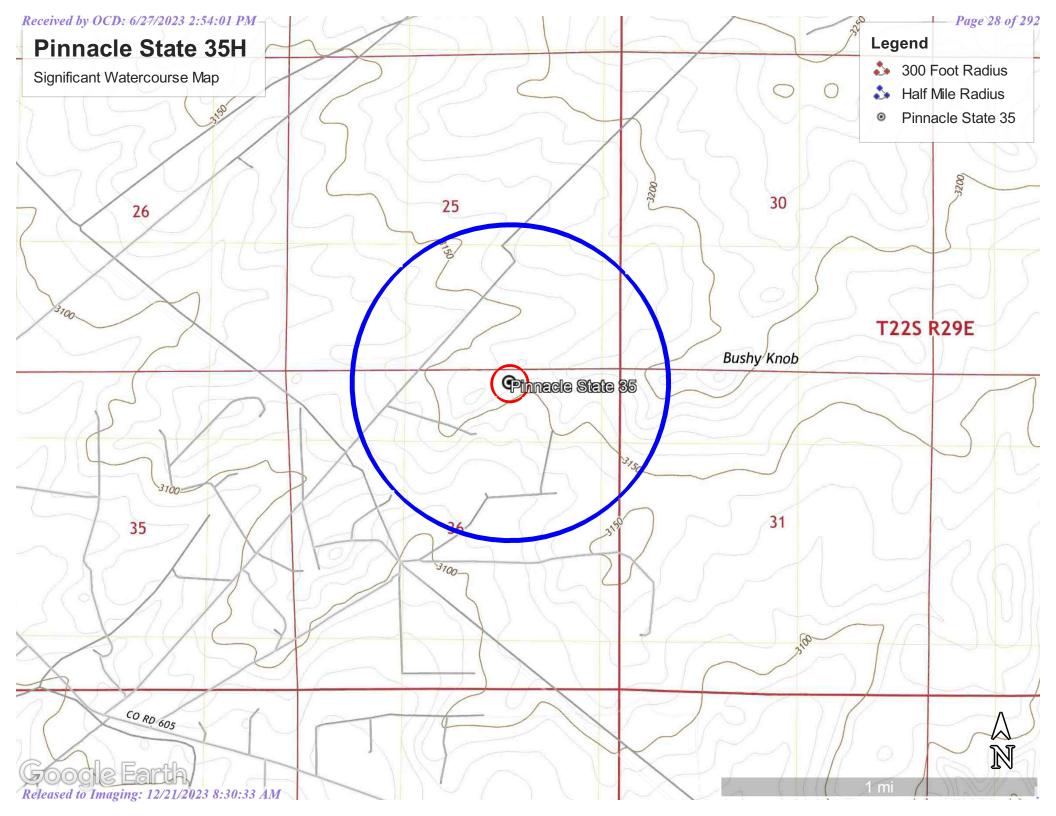
Unknown

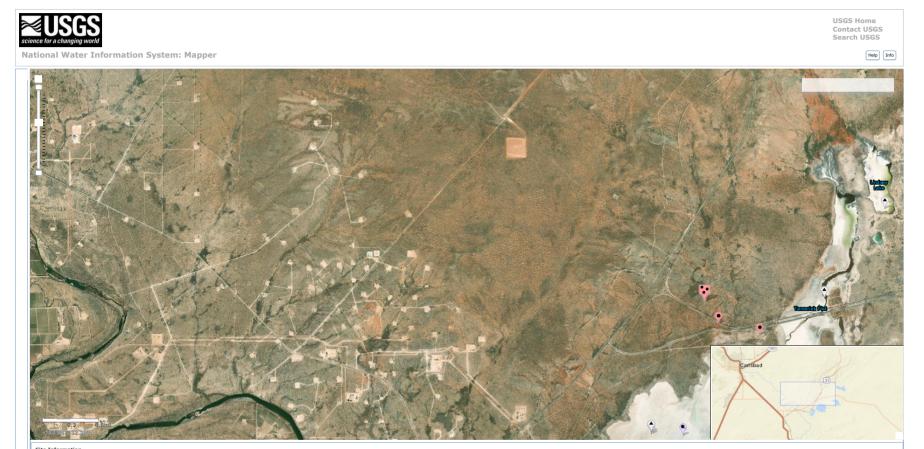
- Oil, Active
 - Active
 - Inactive
- Oil, Cancelled Oil, New Pending
- Medium Capped
- Plugged
 - PLSS Second Division

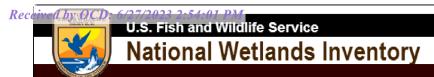
PLSS First Division



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



January 10, 2023

Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

Freshwater Pond

Lake

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

Released to Imaging: 12/21/2023 8:30:33 AM

										TPH			
		Depth	Benzene	Toluene	Ethylbenzene	Xylenes	ВТЕХ	GRO (C6	Chloride				
			Denzene	Toluelle				C-10)	C6-DRO (C10 C28)	GRO + DRO (mg/kg)	MRO (C28	Total GRO/DRO/MRO	Cilioride
Sample ID	Sample Date	(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)		(mg/kg)	(mg/kg)	(mg/kg)
		(It bgs)	(8/8/	(8/8/				, , , , ,		undwater 19.15.		(8/8/	(6/6/
			10 mg/kg				50 mg/kg			1000 mg/kg		2500 mg/kg	10000 mg/kg
			10 mg/ kg			Dolinasti	on Samples			1000 Hig/ kg		2300 Hig/ kg	10000 Hig/ kg
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	- ' ' '	0-0.5'	<0.00198	<0.00198	<0.00198	<0.00398	<0.00398	<49.9	<49.9	<49.9 <49.9	<49.9 <49.9	<49.9 <49.9	<4.96
	1/25/2023	0-0.5'				<0.00398	<0.00398						
H-3 H-4	1/25/2023		<0.00200	<0.00200	<0.00200 <0.00200			<50.0	<50.0	<50.0	<50.0	<50.0	<4.98 <4.99
	1/25/2023	0-0.5'	<0.00200	<0.00200		<0.00401	<0.00401	<50.0	<50.0	<50.0	<50.0	<50.0	
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'	<0.00201	22.4	14.7	57.9	95	1890	2390	4280	<49.9	4280	15
TP-4	1/25/2023	5 4'	<0.00200	0.286	0.36	11.5	12.1	682	1240	1922	<50.0	1920	11.8
		5'	<0.00200	0.286	0.00446	0.0292	0.0388	<50.1	83.7		<50.0 <50.1	83.7	9.73
TP-4	1/25/2023	5.	<0.00198	0.00516	0.00446	0.0292	0.0388	<50.1	85./	83.7	<50.1	85./	9./3

Received by OCD: 6/27/2023 2:54:01 PM

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

von Energy Production Compa
Eddy County, New Mexico

			Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO (C6	DRO (C10-	GRO + DRO	MRO (C28	Total	Chloride		
Sample ID	Sample Date	Depth						C-10)	C28)	Cito : Dito	C35)	GRO/DRO/MRO			
Janiple ID	Janiple Date	(ft bgs)	(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		
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

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

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

Released to Imaging: 12/21/2023 8:30:33 AM

										ТРН			
			Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO (C6	DRO (C10-	CDC - DDC	MRO (C28-	Total	Chloride
		Depth						C-10)	C28)	GRO + DRO	C35)	GRO/DRO/MRO	
Sample ID	Sample Date	(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
					Tak	ole I Closure	Criteria for So	il 51-100 feet	Depth to Gro	undwater 19.15.2	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

Released to Imaging: 12/21/2023 8:30:33 AM

										TPH					
		Dauth	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO (C6 C-10)	DRO (C10- C28)	GRO + DRO	MRO (C28- C35)	Total GRO/DRO/MRO	Chloride		
Sample ID	Sample Date	Depth (ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)		
		(it bgs)	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		
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		
S₩-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		
SM-3	5/9/2023	0-4'	<0.050	<0.050	<0.050	<0.150	₹0:300	₹10.0	124	124	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		
2M-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		
2M-2	5/9/2023	0-4.5	<0.05 0	<0:050	<0.050	₹0:150	<0.300	₹10.0	662	662	1112	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		
5W-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		
5W-10A	5/2 3/20 23	0-4.5	<0.050	<0:050	<0.050	₹0:450	₹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	1112		
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		
5W-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

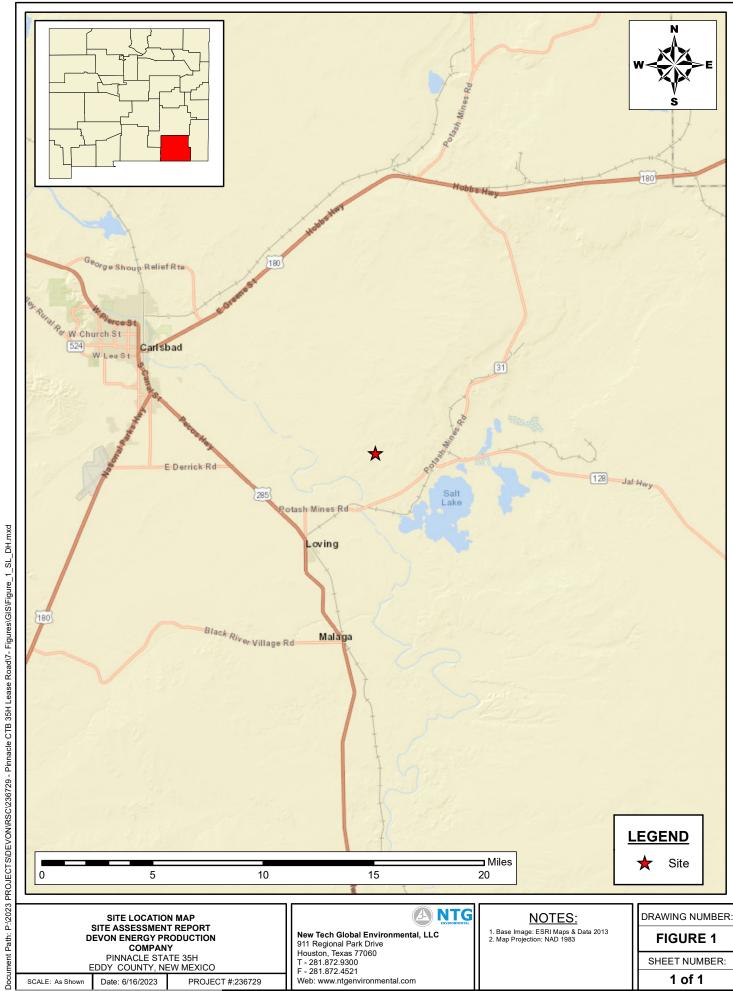
		Depth								TPH					
			Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO (C6- C-10)	DRO (C10- C28)	GRO + DRO	MRO (C28- C35)	Total GRO/DRO/MRO	Chloride		
Sample ID	Sample Date	(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)		
			Table I Closure Criteria for 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		
5₩-14	5/9/2023	0-4.5	<0.050	0.087	0.053	25:36	0.521	₹10.0	603	603	194	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	 2	0:197	11.9	826	837.9	182	1019.9	96		
SW-15A	5/2 3/20 23	0-4.5'	₹0:050	₹0:050	<0.050	/0:150	~0.300	\\$18.0	109	9	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		%	₹10.0	682	682	161	843	1112		
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		
S₩-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	₹0:05 0	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-50	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		

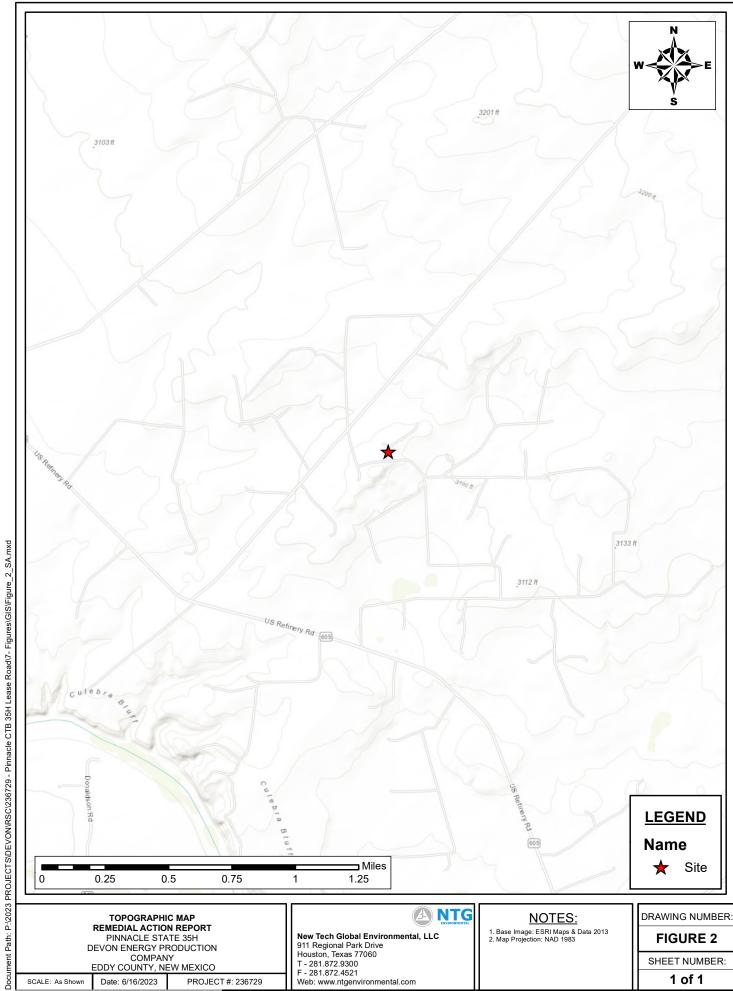
Notes:

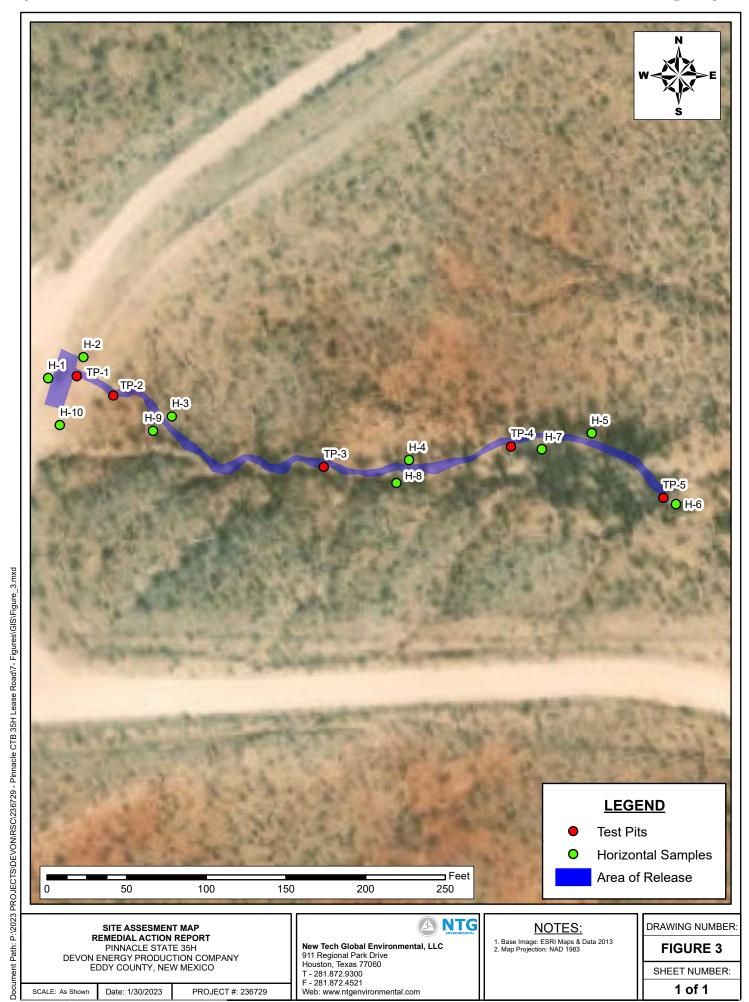
Released to Imaging: 12/21/2023 8:30:33 AM

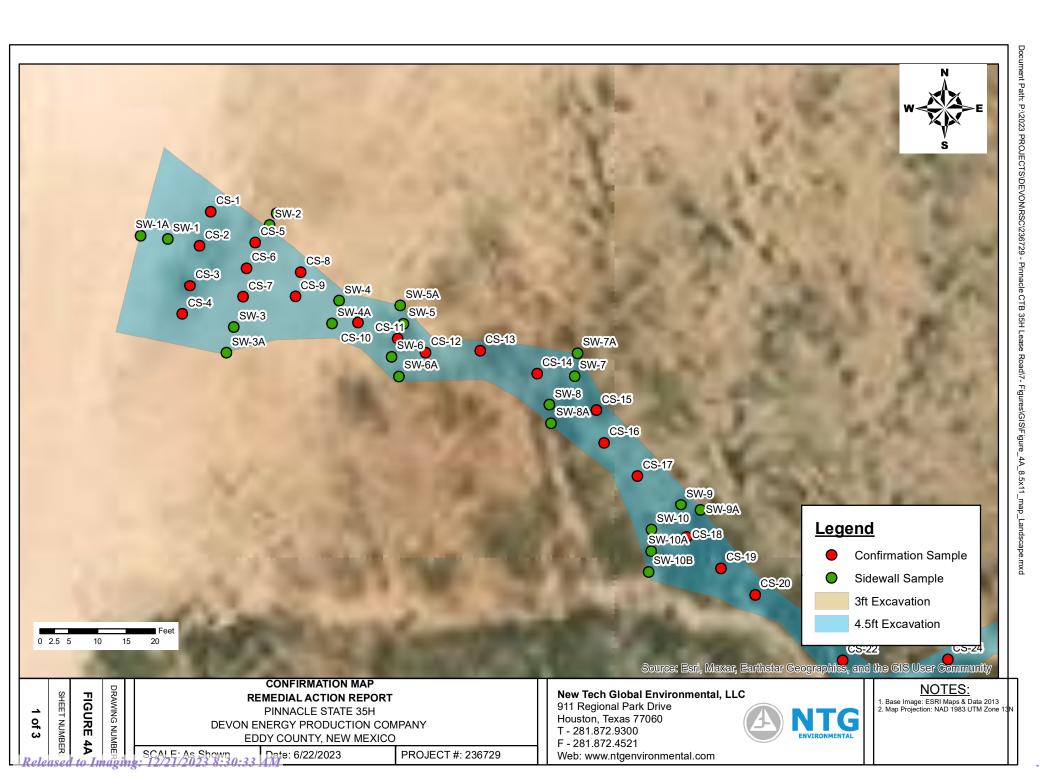
- 1. Values reported in mg/kg
- 2.< = Value Less Than Reporting Limit (RL)
- 3. Bold indicates Analyte Detected
- 4. BTEX analyses by EPA Method SW 8021B
 SP-1 Sample Point Excavated
- 5. TPH analyses by EPA Method SW 8015 Mod.
- 6. GRO/DRO/MRO Gasoline/Diesel/Motor Oil
- 7. Yellow shaded cells indicate 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

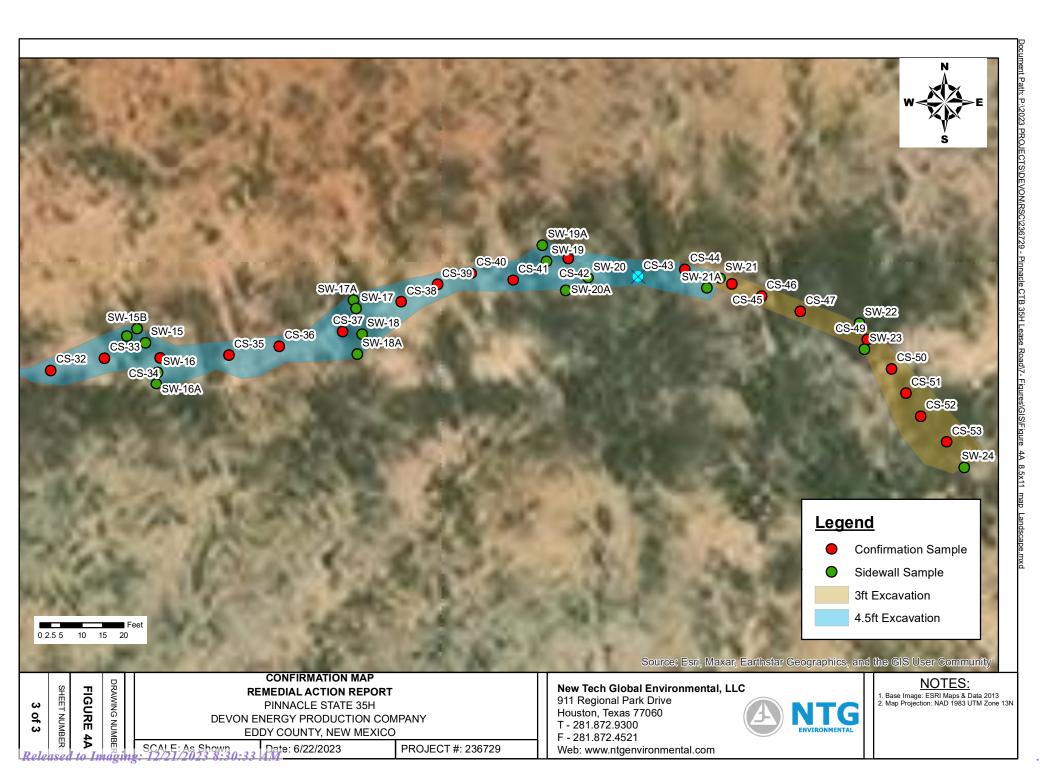


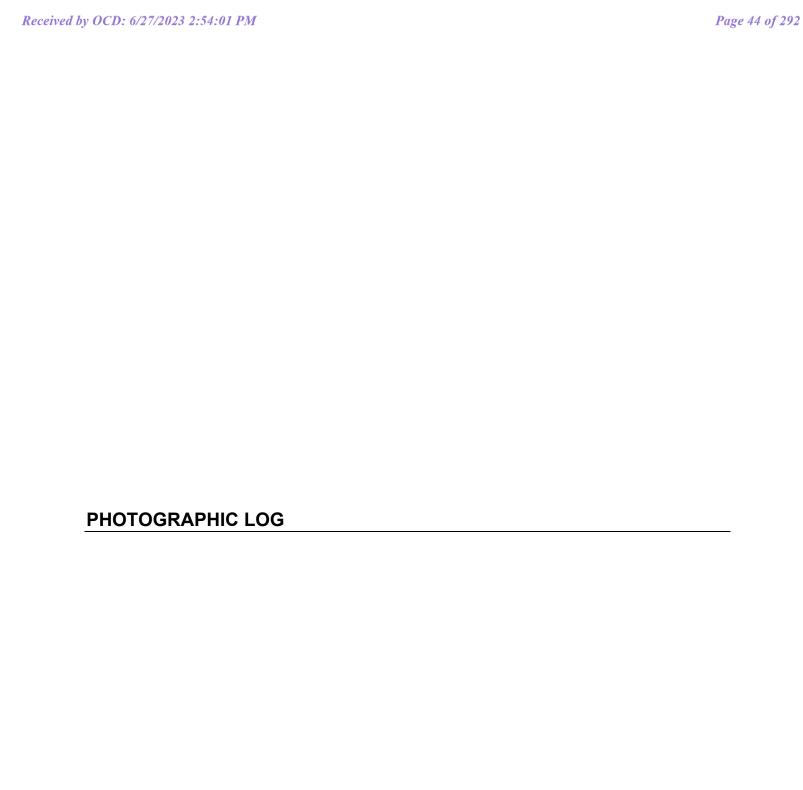












Devon Energy Production Company

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

Description:

Area of concern.



Photograph No. 3

Facility:

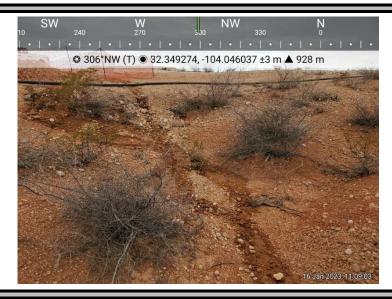
Pinnacle State 35H

County:

Eddy County, New Mexico

Description:

Area of concern.



Devon Energy Production Company

Photograph No. 4

Facility:

Pinnacle State 35H

County:

Eddy County, New Mexico

Description: Area of concern.



Photograph No. 5

Facility:

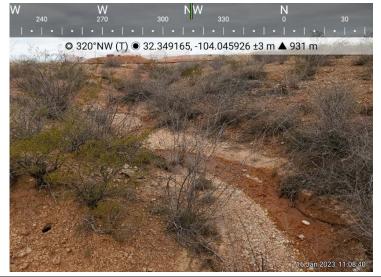
Pinnacle State 35H

County:

Eddy County, New Mexico

Description:

Area of concern.



Photograph No. 6

Facility:

Pinnacle State 35H

County:

Eddy County, New Mexico

Description: Area of concern.



Devon Energy Production Company

Photograph No. 7

Facility:

Pinnacle State 35H

County:

Eddy County, New Mexico

Description: Area of concern.



Photograph No. 8

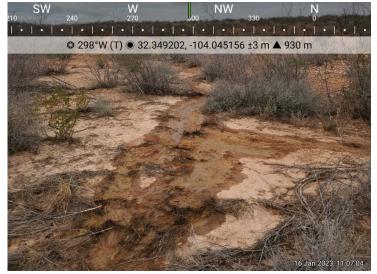
Facility:

Pinnacle State 35H

County:

Eddy County, New Mexico

Description: Area of concern.



Photograph No. 9

Facility:

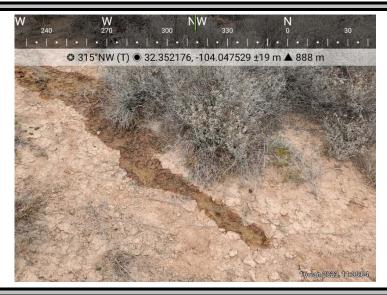
Pinnacle State 35H

County:

Eddy County, New Mexico

Description:

Area of concern.



Devon Energy Production Company

Photograph No. 10

Facility:

Pinnacle State 35H

County:

Eddy County, New Mexico

Description: Final Excavation.



Photograph No. 11

Facility:

Pinnacle State 35H

County:

Eddy County, New Mexico

Description: Final Excavation.



Photograph No. 12

Facility:

Pinnacle State 35H

County:

Eddy County, New Mexico

Description:

Final Excavation.



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

Description: Final Excavation.



Photograph No. 15

Facility:

Pinnacle State 35H

County:

Eddy County, New Mexico

Description:

Final Excavation.



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: Final Excavation.



Photograph No. 18

Facility:

Pinnacle State 35H

County:

Eddy County, New Mexico

Description:

Final Excavation.



Received by OCD: 6/27/2023 2:54:01 PM	Page 51 of 292
LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS	
	_

Environment Testing

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 <u>Jessica.Kramer@et.eurofinsus.com</u> (432)704-5440 1

3

4

5

_

8

9

10

12

Client: NT Global Laboratory Job ID: 890-3962-1 Project/Site: Pinnacle CTB 35H Lease Road

SDG: 236729

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	7
Surrogate Summary	52
QC Sample Results	56
QC Association Summary	75
Lab Chronicle	90
Certification Summary	109
Method Summary	110
Sample Summary	111
Chain of Custody	113
Receipt Checklists	119

Definitions/Glossary

Client: NT Global Job ID: 890-3962-1 Project/Site: Pinnacle CTB 35H Lease Road

SDG: 236729

Qualifiers

GC VOA
Qualifier

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.

Qualifier Description

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

DLC

EDL

LOD

LOQ

MCL

MDA

MDC

MDL

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample

Minimum Level (Dioxin)

MPN Most Probable Number MQL Method Quantitation Limit

NC Not Calculated

Not Detected at the reporting limit (or MDL or EDL if shown) ND

Decision Level Concentration (Radiochemistry)

EPA recommended "Maximum Contaminant Level"

Minimum Detectable Concentration (Radiochemistry)

Minimum Detectable Activity (Radiochemistry)

Estimated Detection Limit (Dioxin)

Limit of Detection (DoD/DOE)

Method Detection Limit

Limit of Quantitation (DoD/DOE)

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.

Eurofins Carlsbad 2/9/2023

Case Narrative

Client: NT Global Job ID: 890-3962-1 Project/Site: Pinnacle CTB 35H Lease Road

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: NT Global Job ID: 890-3962-1 Project/Site: Pinnacle CTB 35H Lease Road 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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
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 Fa
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 Cald	culation							
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 - Die Analyte		ics (DRO) (Qualifier	GC)	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1080		49.8		mg/Kg			02/08/23 08:45	
= =									
Method: SW846 8015B NM - D	iesel Range Orga	nics (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
Oll 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, I		•	e						
A I4 -	D 14	Qualifier	DI.	MADI	11	D	Duamanad	A	DU E-
Analyte	23.7	Qualifier	4.95	MDL	mg/Kg		Prepared	Analyzed 01/31/23 16:49	Dil Fac

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

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)			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

Project/Site: Pinnacle CTB 35H Lease Road

Client: NT Global

Job ID: 890-3962-1

SDG: 236729

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

Analyzed

01/31/23 16:55

Matrix: Solid

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	
Method: SW846 8015 NM - Dies	el Range Organ	ics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	197		50.0		mg/Kg			02/08/23 08:45	
Method: SW846 8015B NM - Die	esel Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		02/06/23 16:27	02/07/23 12:06	
(GRO)-C6-C10									
Diesel Range Organics (Over	134		50.0		mg/Kg		02/06/23 16:27	02/07/23 12:06	
C10-C28)									
Oll Range Organics (Over	63.3		50.0		mg/Kg		02/06/23 16:27	02/07/23 12:06	
C28-C36)									
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	94		70 - 130				02/06/23 16:27	02/07/23 12:06	
o-Terphenyl	87		70 - 130				02/06/23 16:27	02/07/23 12:06	

Lab Sample ID: 890-3962-3 Client Sample ID: TP-1 (3) Date Collected: 01/25/23 12:00 **Matrix: Solid**

RL

4.96

MDL Unit

mg/Kg

D

Prepared

Result Qualifier

298

Date Received: 01/26/23 10:38

Analyte

Chloride

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)			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 Cald	culation							
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 - Die	esel Range Organ	ics (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 - D	iesel Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
•									

Eurofins Carlsbad

(GRO)-C6-C10

Dil Fac

Client: NT Global Job ID: 890-3962-1 Project/Site: Pinnacle CTB 35H Lease Road 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

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
Oll 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

Lab Sample ID: 890-3962-4 Client Sample ID: TP-1 (4) Date Collected: 01/25/23 12:00 **Matrix: Solid**

Date Received: 01/26/23 10:38

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:09	02/07/23 02:09	
Toluene	< 0.00199	U	0.00199		mg/Kg		02/06/23 10:09	02/07/23 02:09	
Ethylbenzene	< 0.00199	U	0.00199		mg/Kg		02/06/23 10:09	02/07/23 02:09	
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/06/23 10:09	02/07/23 02:09	
o-Xylene	< 0.00199	U	0.00199		mg/Kg		02/06/23 10:09	02/07/23 02:09	
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/06/23 10:09	02/07/23 02:09	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	120		70 - 130				02/06/23 10:09	02/07/23 02:09	
1,4-Difluorobenzene (Surr)	99		70 - 130				02/06/23 10:09	02/07/23 02:09	
Method: TAL SOP Total BTEX -	Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/07/23 09:22	
	•	. , ,	GC)	MDI		В	Dropored		Dil Ea
Method: SW846 8015 NM - Diese Analyte Total TPH	•	Qualifier		MDL	Unit	<u>D</u>	Prepared	Analyzed 02/08/23 08:45	
Analyte Total TPH	Result <50.0	Qualifier U	RL 50.0	MDL		<u>D</u>	Prepared	Analyzed	
Analyte Total TPH Method: SW846 8015B NM - Die	Result <50.0 sel Range Orga	Qualifier U	RL 50.0		Unit mg/Kg			Analyzed 02/08/23 08:45	
Analyte Total TPH Method: SW846 8015B NM - Die Analyte	Result <50.0 sel Range Orga Result	Qualifier Unics (DRO) Qualifier	GC) RL 50.0		Unit mg/Kg	<u>D</u>	Prepared	Analyzed 02/08/23 08:45 Analyzed	Dil Fa
Analyte Total TPH Method: SW846 8015B NM - Die	Result <50.0 sel Range Orga	Qualifier Unics (DRO) Qualifier	RL 50.0		Unit mg/Kg			Analyzed 02/08/23 08:45	Dil Fa
Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics	Result <50.0 sel Range Orga Result	Qualifier U nics (DRO) Qualifier U	GC) RL 50.0		Unit mg/Kg		Prepared	Analyzed 02/08/23 08:45 Analyzed	Dil Fa
Analyte Total TPH Method: SW846 8015B NM - Die: Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result sel Range Orga Result <50.0	Qualifier U nics (DRO) Qualifier U	GC) RL 50.0 (GC) RL 50.0		Unit mg/Kg Unit mg/Kg		Prepared 02/06/23 16:27	Analyzed 02/08/23 08:45 Analyzed 02/07/23 12:48	Dil Fa
Analyte Total TPH Method: SW846 8015B NM - Die: Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result	Qualifier U nics (DRO) Qualifier U U	GC) RL 50.0 (GC) RL 50.0 50.0		Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 02/06/23 16:27 02/06/23 16:27	Analyzed 02/08/23 08:45 Analyzed 02/07/23 12:48 02/07/23 12:48	Dil Fa
Analyte Total TPH Method: SW846 8015B NM - Die: Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result	Qualifier U nics (DRO) Qualifier U U	GC) RL 50.0 (GC) RL 50.0 50.0 50.0		Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 02/06/23 16:27 02/06/23 16:27 02/06/23 16:27	Analyzed 02/08/23 08:45 Analyzed 02/07/23 12:48 02/07/23 12:48	Dil Fa
Analyte Total TPH Method: SW846 8015B NM - Die: Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	Result	Qualifier U nics (DRO) Qualifier U U	GC) RL 50.0 (GC) RL 50.0 50.0 Limits		Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 02/06/23 16:27 02/06/23 16:27 02/06/23 16:27 Prepared	Analyzed 02/08/23 08:45 Analyzed 02/07/23 12:48 02/07/23 12:48 02/07/23 12:48 Analyzed	Dil Fa
Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	Result	Qualifier U nics (DRO) Qualifier U U Qualifier	GC) RL 50.0 (GC) RL 50.0 50.0 50.0 Limits 70 - 130 70 - 130		Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 02/06/23 16:27 02/06/23 16:27 02/06/23 16:27 Prepared 02/06/23 16:27	Analyzed 02/08/23 08:45 Analyzed 02/07/23 12:48 02/07/23 12:48 Analyzed 02/07/23 12:48	Dil Fa
Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	Result	Qualifier U nics (DRO) Qualifier U U Qualifier	GC) RL 50.0 (GC) RL 50.0 50.0 50.0 Limits 70 - 130 70 - 130	MDL	Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 02/06/23 16:27 02/06/23 16:27 02/06/23 16:27 Prepared 02/06/23 16:27	Analyzed 02/08/23 08:45 Analyzed 02/07/23 12:48 02/07/23 12:48 Analyzed 02/07/23 12:48	Dil Fa

Client: NT Global Job ID: 890-3962-1 Project/Site: Pinnacle CTB 35H Lease Road

SDG: 236729

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

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

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

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 02/08/23 08:45 mg/Kg

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

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

Date Collected: 01/25/23 12:00 Date Received: 01/26/23 10:38

Lab Sample ID: 890-3962-6

Matrix: Solid

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

Client: NT Global

Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1

SDG: 236729

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

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	<49.9	U	49.9	mg/Kg		02/06/23 16:27	02/07/23 13:30	1
(GRO)-C6-C10								
Diesel Range Organics (Over	<49.9	U	49.9	mg/Kg		02/06/23 16:27	02/07/23 13:30	1
C10-C28)								
OII Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		02/06/23 16:27	02/07/23 13:30	1
0	0/ 0	O 1:6:	1 ::4			_ ,	A II	D:// E

Surrogate	%Recovery G	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

Welliou. 344040 0021B -	Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	DII 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

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	П	0.00396	ma/Ka			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	ma/k	.a		02/08/23 08:45	1

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

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

Eurofins Carlsbad

Client: NT Global

Project/Site: Pinnacle CTB 35H Lease Road

SDG: 236729

Job ID: 890-3962-1

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

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Oll 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 C	hromatograp	hy - 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)

Date Collected: 01/25/23 12:00 Date Received: 01/26/23 10:38

Matrix: Solid

Method: SW846 8021B - Volati	le Organic Comp	ounds (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 BTFX	<0.00398	П	0.00398	ma/Ka			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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		02/06/23 16:27	02/07/23 14:13	1
(GRO)-C6-C10									
Diesel Range Organics (Over	60.1		50.0		mg/Kg		02/06/23 16:27	02/07/23 14:13	1
C10-C28)									
Oll 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-Terphenvl	83		70 - 130				02/06/23 16:27	02/07/23 14:13	1

Method: EPA 300.0 - Anions, Ion C	hromatograp	hy - 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

Client: NT Global Job ID: 890-3962-1 Project/Site: Pinnacle CTB 35H Lease Road

SDG: 236729

Client Sample ID: TP-1 (9)

Date Collected: 01/25/23 12:00 Date Received: 01/26/23 10:38

Lab Sample ID: 890-3962-9

Analyzed

02/08/23 08:45

Matrix: Solid

Method: SW846 8021B - Volati	ile Organic Comp	ounds (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) 70 - 130 110 02/06/23 10:09 02/07/23 03:51 **Method: TAL SOP Total BTEX - Total BTEX Calculation** Analyte

RL

MDL Unit

mg/Kg

D

Prepared

Result Qualifier

<49.9 U

Total BTEX <0.00401 0.00401 mg/Kg 02/07/23 09:22 Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC) Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac

49.9

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) Result Qualifier RL MDL Unit Prepared Analyzed Dil Fac Gasoline Range Organics <49.9 U 49.9 02/06/23 16:27 02/07/23 14:34 mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over <49.9 U 49.9 02/06/23 16:27 02/07/23 14:34 mg/Kg C10-C28) OII Range Organics (Over C28-C36) <49.9 U 49.9 mg/Kg 02/06/23 16:27 02/07/23 14:34 Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 1-Chlorooctane 89 70 - 130 02/06/23 16:27 02/07/23 14:34 87 70 - 130 02/06/23 16:27 02/07/23 14:34 o-Terphenyl

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac 01/31/23 18:37 Chloride 132 5.05 mg/Kg

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

Total TPH

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

Eurofins Carlsbad

Dil Fac

Client: NT Global

Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1

SDG: 236729

Client Sample ID: TP-1 (10)

Date Collected: 01/25/23 12:00 Date Received: 01/26/23 10:38 Lab Sample ID: 890-3962-10

01/31/23 18:43

Matrix: Solid

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 Organ	ics (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 - Dies	el Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		02/06/23 16:27	02/07/23 14:55	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		02/06/23 16:27	02/07/23 14:55	1
C10-C28)									
OII 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	Chuamataana	h. Calubi	_						
METROR: FPA 300 0 - Anions Ion	unromatodrab	nv - Solubi	e						

Client Sample ID: TP-2 (1)

Lab Sample ID: 890-3962-11

4.97

mg/Kg

163

Date Collected: 01/25/23 12:00 Matrix: Solid

Date Received: 01/26/23 10:38

Chloride

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	0.0464		0.0398		mg/Kg		02/06/23 10:09	02/07/23 04:31	2
Toluene	13.0		0.198		mg/Kg		02/07/23 12:47	02/08/23 08:24	10
Ethylbenzene	6.42		0.0398		mg/Kg		02/06/23 10:09	02/07/23 04:31	2
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 Fa
4-Bromofluorobenzene (Surr)	138	S1+	70 - 130				02/06/23 10:09	02/07/23 04:31	2
1,4-Difluorobenzene (Surr) Method: TAL SOP Total BTEX -			70 - 130				02/06/23 10:09	02/07/23 04:31	
Method: TAL SOP Total BTEX - Analyte	Total BTEX Calc	culation Qualifier	70 - 130 RL 0.396	MDL	Unit mg/Kg	<u>D</u>	02/06/23 10:09 Prepared	02/07/23 04:31 Analyzed 02/07/23 09:22	
Method: TAL SOP Total BTEX - Analyte Total BTEX Method: SW846 8015 NM - Dies	Total BTEX Cald Result 59.0 sel Range Organ	Qualifier ics (DRO) (RL 0.396		mg/Kg		Prepared	Analyzed 02/07/23 09:22	Dil Fac
Method: TAL SOP Total BTEX - Analyte Total BTEX Method: SW846 8015 NM - Dies	Total BTEX Cald Result 59.0 sel Range Organ	Qualifier	RL 0.396	MDL	mg/Kg	<u>D</u>		Analyzed 02/07/23 09:22 Analyzed	Dil Fac
-	Total BTEX Cald Result 59.0 sel Range Organ	Qualifier ics (DRO) (RL 0.396		mg/Kg		Prepared	Analyzed 02/07/23 09:22	Dil Fac
Method: TAL SOP Total BTEX - Analyte Total BTEX Method: SW846 8015 NM - Dies Analyte	Total BTEX Calc Result 59.0 sel Range Organ Result 1780	Qualifier ics (DRO) (Qualifier	RL 0.396 GC) RL 50.0		mg/Kg		Prepared	Analyzed 02/07/23 09:22 Analyzed	Dil Fa
Method: TAL SOP Total BTEX - Analyte Total BTEX Method: SW846 8015 NM - Dies Analyte Total TPH Method: SW846 8015B NM - Die	Total BTEX Calc Result 59.0 sel Range Organ Result 1780 esel Range Orga	Qualifier ics (DRO) (Qualifier	RL 0.396 GC) RL 50.0		mg/Kg Unit mg/Kg		Prepared	Analyzed 02/07/23 09:22 Analyzed	Dil Fac
Method: TAL SOP Total BTEX - Analyte Total BTEX Method: SW846 8015 NM - Dies Analyte Total TPH	Total BTEX Calc Result 59.0 sel Range Organ Result 1780 esel Range Orga	Qualifier ics (DRO) (Qualifier nics (DRO)	RL 0.396 GC) RL 50.0	MDL	mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed 02/07/23 09:22 Analyzed 02/08/23 08:45	Dil Fa

o-Terphenyl

Total BTEX

1-Chlorooctane

o-Terphenyl

Job ID: 890-3962-1

02/07/23 09:22

02/07/23 16:19

02/07/23 16:19

02/06/23 16:27

02/06/23 16:27

Client: NT Global Project/Site: Pinnacle CTB 35H Lease Road 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 - I Analyte	•	nics (DRO) Qualifier	(GC) (Continue	•	Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	224	Quanner	50.0	MDL	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 0	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

1.26

99

84

Lab Sample ID: 890-3962-12 Client Sample ID: TP-2 (2)

Date Collected: 01/25/23 12:00 **Matrix: Solid** Date Received: 01/26/23 10:38

Method: SW846 8021B - Volati Analyte	•	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
4 4 10 17 1 10 10 1							00/00/00 10 00	00/07/00 00 10	

Δnalyte	Result Qualifier	RI	MDI Unit	D	Prepared	Analyzed	Dil Fa	c
Method: TAL SOP Total BTEX - Total BTE	EX Calculation							
1,4-Difluorobenzene (Surr)	95	70 - 130		(02/06/23 10:09	02/07/23 06:42		1

0.00399

mg/Kg

Method: SW846 8015 NM - Diesel I	Range Organics (DRO) (GO	C)					
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	959	50.0	mg/Kg			02/08/23 08:45	1

_Total TPH	959	50.0	mg/Kg			02/08/23 08:45	1
Method: SW846 8015B NM - Di	esel 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
Oll 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

-									
Method: EPA 300.0 - Anions, Ion C	hromatograp	hy - Soluble)						
Analyte	Result	Qualifier	RL	MDL U	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.22		5.00	r	mg/Kg			01/31/23 18:55	1

70 - 130

70 - 130

Project/Site: Pinnacle CTB 35H Lease Road

Client: NT Global

Job ID: 890-3962-1

SDG: 236729

Client Sample ID: TP-2 (3)

Lab Sample ID: 890-3962-13

02/07/23 09:22

Matrix: Solid

Date Collected: 01/25/23 12:00 Date Received: 01/26/23 10:38

Total BTEX

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 Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

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

0.00402

mg/Kg

<0.00402 U

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

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
Oll 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

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)

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Eurofins Carlsbad

_

4

6

<u>.</u>

40

10

13

14

Date Received: 01/26/23 10:38

Project/Site: Pinnacle CTB 35H Lease Road

Client: NT Global

Job ID: 890-3962-1

02/06/23 16:27

02/07/23 17:02

SDG: 236729

Client Sample ID: TP-2 (4) Lab Sample ID: 890-3962-14 Date Collected: 01/25/23 12:00

Matrix: Solid

Method: TAL SOP Total BTEX - To	otal BTEX Calculation							
Analyte	Result Qualifier	RL	MDL U	Jnit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0362	0.00398	n	mg/Kg			02/07/23 09:22	1
Method: SW846 8015 NM - Diesel	Range Organics (DRO) (C	SC)						
Analyte	Result Qualifier	RL	MDL U	Jnit	D	Prepared	Analyzed	Dil Fac
Total TPH	390	49.9	n	ng/Kg			02/08/23 08:45	1

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
Oll 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

Method: EPA 300.0 - Anions, Ion C	hromatography - 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

70 - 130

100

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

o-Terphenyl

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 Cald	culation							
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 - Die	esel Range Organ	ics (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 - D	iesel Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9		mg/Kg		02/06/23 16:27	02/07/23 17:22	

Eurofins Carlsbad

(GRO)-C6-C10

Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1

SDG: 236729

Client Sample ID: TP-2 (5)

Client: NT Global

Date Collected: 01/25/23 12:00 Date Received: 01/26/23 10:38 Lab Sample ID: 890-3962-15

Matrix: Solid

Result	Qualifier	RL	MDL (Unit	D	Prepared	Analyzed	Dil Fac
<49.9	U	49.9	r	mg/Kg		02/06/23 16:27	02/07/23 17:22	1
<49.9	U	49.9	r	mg/Kg		02/06/23 16:27	02/07/23 17:22	1
%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
91		70 - 130				02/06/23 16:27	02/07/23 17:22	1
86		70 - 130				02/06/23 16:27	02/07/23 17:22	1
	<49.9 <49.9 %Recovery 91		<49.9	<49.9	<49.9	<49.9	<49.9	<49.9 U 49.9 mg/Kg 02/06/23 16:27 02/07/23 17:22 <49.9

Method: EPA 300.0 - Anions, Ion 0	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)

Date Collected: 01/25/23 12:00 Date Received: 01/26/23 10:38

Lab Sample ID: 890-3962-16

Matrix: Solid

Method: SW846 8021B - Volat	ile Organic Comp	ounds (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 - Tot	tal BTEX Calculation							
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	<0.00399	0.00399	ma/Ka			02/07/23 09:22	1	

Method: SW846 8015 NM - Diesel Rang	ge Organics (DRO) (GC)			
Analyte	Result Qualifier	RL	MDL Unit	D

	Analyte	Result	Qualifier	KL	MDL	Ullit	U	,	Prepareu	Allalyzeu	DII Fac	
	Total TPH	<50.0	U	50.0		mg/Kg		_		02/08/23 08:45	1	
ì	_											

Method: SV	V846 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
Oll 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	l imits				Prepared	Analyzed	Dil Fac

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/K	g		01/31/23 12:18	1

Project/Site: Pinnacle CTB 35H Lease Road

Client: NT Global

Job ID: 890-3962-1

SDG: 236729

Client Sample ID: TP-2 (7)

Date Collected: 01/25/23 12:00 Date Received: 01/26/23 10:38

1,4-Difluorobenzene (Surr)

Total BTEX

Lab Sample ID: 890-3962-17

02/07/23 08:24

02/07/23 09:22

02/06/23 10:09

Matrix: Solid

Method: SW846 8021B - Volati	ile Organiic Comp	ourius (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

70 - 130

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte Result Qualifier RL MDL Unit D Prepared Analyzed

<0.00401 U

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

 Analyte
 Result
 Qualifier
 RL
 MDL
 Unit
 D
 Prepared
 Analyzed
 Dil Fac

 Total TPH
 <49.9</td>
 U
 49.9
 mg/Kg
 02/08/23 08:45
 1

0.00401

mg/Kg

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

Client Sample ID: TP-2 (8)

Date Collected: 01/25/23 12:00

Lab Sample ID: 890-3962-18

Matrix: Solid

Date Received: 01/26/23 10:38

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

Eurofins Carlsbad

3

6

9

1 4

Dil Fac

12

1 1

14

Client: NT Global

Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1

SDG: 236729

Client Sample ID: TP-2 (8)

Date Collected: 01/25/23 12:00 Date Received: 01/26/23 10:38

Lab Sample ID: 890-3962-18

Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

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

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

Result Qualifier **MDL** Unit RL D Prepared Analyzed Dil Fac Total TPH <49.8 U 49.8 02/08/23 08:45 mg/Kg

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

Analyte Result Qualifier RΙ MDL Unit D Prepared Dil Fac Analyzed <49.8 U 49 8 02/06/23 16:27 02/07/23 18:26 Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over <49.8 U 49.8 mg/Kg 02/06/23 16:27 02/07/23 18:26 C10-C28) Oll Range Organics (Over C28-C36) <49.8 U 49.8 02/06/23 16:27 02/07/23 18:26 mg/Kg

Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 1-Chlorooctane 88 70 - 130 02/06/23 16:27 02/07/23 18:26 86 70 - 130 02/06/23 16:27 02/07/23 18:26 o-Terphenyl

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

Client Sample ID: TP-2 (9) Lab Sample ID: 890-3962-19

Date Collected: 01/25/23 12:00 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 0.00199 mg/Kg 02/06/23 10:09 02/07/23 09:05 Toluene <0.00199 U 0.00199 02/06/23 10:09 02/07/23 09:05 mg/Kg Ethylbenzene <0.00199 U 0.00199 mg/Kg 02/06/23 10:09 02/07/23 09:05 m-Xylene & p-Xylene <0.00398 U 0.00398 mg/Kg 02/06/23 10:09 02/07/23 09:05 o-Xylene <0.00199 U 0.00199 mg/Kg 02/06/23 10:09 02/07/23 09:05 <0.00398 U 0.00398 02/06/23 10:09 02/07/23 09:05 Xylenes, Total mg/Kg

%Recovery Qualifier Limits Dil Fac Surrogate Prepared Analyzed 70 - 130 02/06/23 10:09 4-Bromofluorobenzene (Surr) 113 02/07/23 09:05 103 02/06/23 10:09 1,4-Difluorobenzene (Surr) 70 - 130 02/07/23 09:05

Method: TAL SOP Total BTEX - Total BTEX Calculation

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

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

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

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

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

Eurofins Carlsbad

Matrix: Solid

C10-C28)

Client: NT Global

Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1

SDG: 236729

Client Sample ID: TP-2 (9)

Date Collected: 01/25/23 12:00 Date Received: 01/26/23 10:38 Lab Sample ID: 890-3962-19

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL (Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<49.8	U	49.8	r	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

Analyte	Result	Qualifier	KL	MDL	Unit	U	Prepared	Analyzed	DII Fac
Chloride	141		4.99		mg/Kg			01/31/23 12:49	1

Client Sample ID: TP-2 (10)

Date Collected: 01/25/23 12:00

Date Received: 01/26/23 10:38

Lab Sample ID: 890-3962-20

Matrix: Solid

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

Welliou. 344046 602 IB - Volalli	e Organic Comp	ounus (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

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

Method: SW846 8015 NM -	Diesal Panga	Organice (DBO) (GC)

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TDH	<10.0	П	40.0	ma/Ka		•	02/08/23 08:45	

ı	Method:	SW846	8015B	NM -	 Diesel 	Range	Org	ganics	(DRO) (GC)
---	---------	-------	-------	------	----------------------------	-------	-----	--------	------	-----	----	---

			()						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9		mg/Kg		02/06/23 16:27	02/07/23 19:10	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.9	U	49.9		mg/Kg		02/06/23 16:27	02/07/23 19:10	1
C10-C28)									
Oll 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

	Surrogate	%Recovery	Qualifier	Limits		Prepared	Anaiyzea	DII Fac
	1-Chlorooctane	87		70 - 130	02	2/06/23 16:27	02/07/23 19:10	1
l	o-Terphenyl	84		70 - 130	O	2/06/23 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

Client: NT Global Job ID: 890-3962-1 Project/Site: Pinnacle CTB 35H Lease Road 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

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 - 1	Total BTEX Cald	culation							
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
		ice (DRO) ((mg/itg			02/00/20 11:00	
Method: SW846 8015 NM - Diese Analyte	el Range Organ	ics (DRO) (MDL		D	Prepared	Analyzed	
Method: SW846 8015 NM - Diese	el Range Organ		GC)	MDL		<u>D</u>	Prepared		Dil Fac
Method: SW846 8015 NM - Diese Analyte	Range Organ Result 237	Qualifier	RL 49.9	MDL	Unit	<u>D</u>	Prepared	Analyzed	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH	el Range Organ Result 237 sel Range Orga	Qualifier	RL 49.9	MDL	Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Dies	el Range Organ Result 237 sel Range Orga	Qualifier (DRO)	RL 49.9 (GC)		Unit mg/Kg			Analyzed 02/08/23 09:40	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics	el Range Organ Result 237 sel Range Orga Result	Qualifier (DRO)	RL 49.9 (GC)		Unit mg/Kg		Prepared	Analyzed 02/08/23 09:40 Analyzed	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	el Range Organ Result 237 sel Range Orga Result 74.7	Qualifier unics (DRO) Qualifier	(GC) RL 49.9 (GC) RL 49.9		Unit mg/Kg Unit mg/Kg		Prepared 02/06/23 16:31	Analyzed 02/08/23 09:40 Analyzed 02/07/23 20:42	Dil Face
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	el Range Organ Result 237 sel Range Orga Result 74.7	Qualifier unics (DRO) Qualifier	(GC) RL 49.9 (GC) RL 49.9 49.9		Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 02/06/23 16:31 02/06/23 16:31	Analyzed 02/08/23 09:40 Analyzed 02/07/23 20:42 02/07/23 20:42	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	el Range Organ Result 237 sel Range Orga Result 74.7 162 <49.9	Qualifier unics (DRO) Qualifier	GC) RL 49.9 (GC) RL 49.9 49.9 49.9		Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 02/06/23 16:31 02/06/23 16:31 02/06/23 16:31	Analyzed 02/08/23 09:40 Analyzed 02/07/23 20:42 02/07/23 20:42 02/07/23 20:42	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	el Range Organ Result 237 sel Range Orga Result 74.7 162 <49.9 %Recovery	Qualifier unics (DRO) Qualifier	GC) RL 49.9 (GC) RL 49.9 49.9 49.9 Limits		Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 02/06/23 16:31 02/06/23 16:31 02/06/23 16:31 Prepared	Analyzed 02/08/23 09:40 Analyzed 02/07/23 20:42 02/07/23 20:42 Analyzed	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	el Range Organ Result 237 sel Range Orga Result 74.7 162 <49.9 **Recovery 115 115	Qualifier Inics (DRO) Qualifier U Qualifier	GC) RL 49.9 (GC) RL 49.9 49.9 49.9 Limits 70 - 130 70 - 130		Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 02/06/23 16:31 02/06/23 16:31 02/06/23 16:31 Prepared 02/06/23 16:31	Analyzed 02/08/23 09:40 Analyzed 02/07/23 20:42 02/07/23 20:42 Analyzed 02/07/23 20:42	Dil Fac Dil Fac 1 Dil Fac 1 Dil Fac 1
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	el Range Organ Result 237 sel Range Orga Result 74.7 162 <49.9 %Recovery 115 115 Chromatograp	Qualifier Inics (DRO) Qualifier U Qualifier	GC) RL 49.9 (GC) RL 49.9 49.9 49.9 Limits 70 - 130 70 - 130		Unit mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 02/06/23 16:31 02/06/23 16:31 02/06/23 16:31 Prepared 02/06/23 16:31	Analyzed 02/08/23 09:40 Analyzed 02/07/23 20:42 02/07/23 20:42 Analyzed 02/07/23 20:42	Dil Fac Dil Fac 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

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

Project/Site: Pinnacle CTB 35H Lease Road

Client: NT Global

Job ID: 890-3962-1

SDG: 236729

Client Sample ID: TP-3 (2)

Date Collected: 01/25/23 12:00 Date Received: 01/26/23 10:38 Lab Sample ID: 890-3962-22

Matrix: Solid

Method: TAL SOP Total BTEX - Total B	TEX Cald	culation							
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 Rang	ge Organ	ics (DRO) (GC)							
Analyto	Docult	Qualifier	DI	MDI	Unit	n	Droparod	Analyzod	Dil Eac

Analyte Result Qualifier RL MDL Unit Department of the property of the propert

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) Result Qualifier RL MDL Unit Analyte D Prepared Dil Fac Analyzed 50.0 **Gasoline Range Organics** 02/06/23 16:31 02/07/23 21:49 723 mg/Kg (GRO)-C6-C10 50.0 **Diesel Range Organics (Over** 722 mg/Kg 02/06/23 16:31 02/07/23 21:49 C10-C28) OII Range Organics (Over C28-C36) <50.0 U 50.0 mg/Kg 02/06/23 16:31 02/07/23 21:49 Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac

1-Chloroctane 114 70 - 130 02/06/23 16:31 02/07/23 21:49 1
c-Terphenyl 110 70 - 130 02/06/23 16:31 02/07/23 21:49 1

Method: EPA 300 0 - Anions Ion Chromatography - Soluble

Method: EPA 300.0 - Anions, Ion Chromatography - SolubleAnalyteResultQualifierRLMDLUnitDPreparedAnalyzedDil FacChloride13.85.01mg/Kg01/31/23 13:071

Client Sample ID: TP-3 (3)

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

Made at CMO40 0004D	Valatila Organia Campannala (CC)

Welliou. 344040 002 IB - Volati	ne Organic Comp	ounus (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 - To	tal 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 F	Range Organics (DRO) (GC	C)					
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	

Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1

SDG: 236729

Client Sample ID: TP-3 (3)

Date Collected: 01/25/23 12:00 Date Received: 01/26/23 10:38 Lab Sample ID: 890-3962-23

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Oll 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 Cl	hromatograp	hy - 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)

Date Collected: 01/25/23 12:00

Date Received: 01/26/23 10:38

ab	Samp	le ID:	890-3962-24	
----	------	--------	-------------	--

Matrix: Solid

Method: SW846 8021B -	Volatile Organic	Con	npo	oun	as ((GC)
		_		_		

Wethou. Stroto ouz ID - Volati	ne Organic Comp	ounus (OO	,						
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
4.4.0%	00		70 400				00/00/00 10 05	00/07/00 45 00	

5	•		•	•	
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
Г.,					

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result Qualifier	KL	MIDL UNIT	U	Prepared	Analyzeu	DII 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	<50.0	U	50.0		mg/Kg		02/06/23 16:31	02/07/23 22:32	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		02/06/23 16:31	02/07/23 22:32	1
C10-C28)									
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/06/23 16:31	02/07/23 22:32	1
Curromata	9/ Bassyany	Qualifier	Limita				Branarad	Anglyzad	Dil Eco

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

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:35	02/07/23 15:51	
Toluene	0.00588		0.00199		mg/Kg		02/06/23 10:35	02/07/23 15:51	
Ethylbenzene	0.0102		0.00199		mg/Kg		02/06/23 10:35	02/07/23 15:51	
m-Xylene & p-Xylene	0.0884		0.00398		mg/Kg		02/06/23 10:35	02/07/23 15:51	
o-Xylene	0.0465		0.00199		mg/Kg		02/06/23 10:35	02/07/23 15:51	
Xylenes, Total	0.135		0.00398		mg/Kg		02/06/23 10:35	02/07/23 15:51	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	113		70 - 130				02/06/23 10:35	02/07/23 15:51	
1,4-Difluorobenzene (Surr)	87		70 - 130				02/06/23 10:35	02/07/23 15:51	
Method: TAL SOP Total BTEX - 1	Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	0.151		0.00398		mg/Kg			02/07/23 16:52	•
Method: SW846 8015 NM - Diese			•						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	92.3		50.0		mg/Kg			02/08/23 09:40	•
Method: SW846 8015B NM - Dies	sel Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/06/23 16:31	02/07/23 22:55	
Diesel Range Organics (Over C10-C28)	92.3		50.0		mg/Kg		02/06/23 16:31	02/07/23 22:55	
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/06/23 16:31	02/07/23 22:55	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	89		70 - 130				02/06/23 16:31	02/07/23 22:55	
	94		70 - 130				02/06/23 16:31	02/07/23 22:55	
o-Terphenyl	34								
o-Terphenyl Method: EPA 300.0 - Anions, Ion		hy - Solubl	e						
	Chromatograp	ohy - Solubl Qualifier	e RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

Client Sample ID: TP-3 (6) Lab Sample ID: 890-3962-26

Matrix: Solid Date Collected: 01/25/23 12:00 Date Received: 01/26/23 10:38

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

Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1

SDG: 236729

Client Sample ID: TP-3 (6)

Date Collected: 01/25/23 12:00 Date Received: 01/26/23 10:38 Lab Sample ID: 890-3962-26

Matrix: Solid

Dil Fac

Matrix: Solid

Analyzed

01/31/23 13:57

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 - Diese	l Range Organ	ics (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 - Dies	sel Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9		mg/Kg		02/06/23 16:31	02/07/23 23:17	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.9	U	49.9		mg/Kg		02/06/23 16:31	02/07/23 23:17	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/06/23 16:31	02/07/23 23:17	1
							Prepared	Analyzed	Dil Fac
Surrogate	%Recovery	Qualifier	Limits						
Surrogate 1-Chlorooctane	%Recovery	Qualifier	70 ₋ 130				02/06/23 16:31	02/07/23 23:17	1

Client Sample ID: TP-3 (7)

Lab Sample ID: 890-3962-27

RL

4.95

MDL Unit

mg/Kg

D

Prepared

Date Collected: 01/25/23 12:00

Analyte

Chloride

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Result Qualifier

130

Date Received: 01/26/23 10:38

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		70 400				00/00/00 10 05	02/07/23 16:32	1
Method: TAL SOP Total BTEX		culation	70 - 130				02/06/23 10:35	02/01/23 16.32	
	- Total BTEX Cald	culation Qualifier	70 - 130 RL	MDL	Unit	D	02/06/23 10:35 Prepared	Analyzed	
Method: TAL SOP Total BTEX	- Total BTEX Cald	Qualifier		MDL	Unit mg/Kg	<u>D</u>			Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX	- Total BTEX Calc Result <0.00399	Qualifier U	RL 0.00399	MDL		<u>D</u>		Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die	- Total BTEX Cald Result <0.00399 esel Range Organ	Qualifier U	RL 0.00399	MDL MDL		<u>D</u>		Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte	- Total BTEX Cald Result <0.00399 esel Range Organ	Qualifier U ics (DRO) (RL 0.00399		mg/Kg		Prepared	Analyzed 02/07/23 16:52	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH	esel Range Organ Result 49.9	Qualifier U ics (DRO) (Qualifier U	RL 0.00399 GC) RL 49.9		mg/Kg		Prepared	Analyzed 02/07/23 16:52 Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH Method: SW846 8015B NM - D	esel Range Organ Result 49.9 Diesel Range Organ	Qualifier U ics (DRO) (Qualifier U	RL 0.00399 GC) RL 49.9	MDL	mg/Kg		Prepared	Analyzed 02/07/23 16:52 Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte	esel Range Organ Result 49.9 Diesel Range Organ	Qualifier U ics (DRO) (Qualifier U inics (DRO) Qualifier	RL 0.00399 GC) RL 49.9	MDL	mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed 02/07/23 16:52 Analyzed 02/08/23 09:40	Dil Fac

Client: NT Global Project/Site: Pinnacle CTB 35H Lease Road 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 - Dies	sel Range Orga	nics (DRO)	(GC) (Continue	ed)					
١	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
	Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/06/23 16:31	02/07/23 23:39	
	Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
	1-Chlorooctane	110		70 - 130				02/06/23 16:31	02/07/23 23:39	-
	o-Terphenyl	108		70 - 130				02/06/23 16:31	02/07/23 23:39	

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 Matrix: Solid

Date Collected: 01/25/23 12:00 Date Received: 01/26/23 10:38

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 - 1	Total BTEX Cald	culation							
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 - Diese		ics (DRO) (GC)	MDI		n	Prenared	Analyzed	Dil Fa
Method: SW846 8015 NM - Diese Analyte	Result	ics (DRO) (GC)	MDL	Unit	<u>D</u>	Prepared	Analyzed	
: Method: SW846 8015 NM - Diese		ics (DRO) (GC)	MDL		<u>D</u>	Prepared	Analyzed 02/08/23 09:40	
Method: SW846 8015 NM - Diese Analyte Total TPH		ics (DRO) (Gualifier	GC) RL 49.8	MDL	Unit	<u>D</u>	Prepared		
Method: SW846 8015 NM - Diese Analyte	Result <49.8	ics (DRO) (Gualifier	GC) RL 49.8		Unit	<u>D</u>	Prepared Prepared		1
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics	Result <49.8	Qualifier Unics (DRO) Qualifier	GC) RL 49.8		Unit mg/Kg	<u> </u>	· · · · · ·	02/08/23 09:40	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result <49.8 sel Range Orga Result	Qualifier U nics (DRO) Qualifier U u U	GC) RL 49.8 (GC) RL		Unit mg/Kg	<u> </u>	Prepared	02/08/23 09:40 Analyzed	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result <49.8 sel Range Orga Result <49.8	Company (Company) (Company	GC) RL 49.8 (GC) RL 49.8		Unit mg/Kg Unit mg/Kg	<u> </u>	Prepared 02/06/23 16:31	02/08/23 09:40 Analyzed 02/08/23 00:01	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result <49.8	Company of the compan	GC) RL 49.8 (GC) RL 49.8 49.8		Unit mg/Kg Unit mg/Kg mg/Kg	<u> </u>	Prepared 02/06/23 16:31 02/06/23 16:31 02/06/23 16:31	02/08/23 09:40 Analyzed 02/08/23 00:01 02/08/23 00:01 02/08/23 00:01	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result <49.8	Company (Company) (Company	GC) RL 49.8 (GC) RL 49.8 49.8 49.8		Unit mg/Kg Unit mg/Kg mg/Kg	<u> </u>	Prepared 02/06/23 16:31 02/06/23 16:31	02/08/23 09:40 Analyzed 02/08/23 00:01 02/08/23 00:01	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	Result <49.8	Company of the compan	GC) RL 49.8 (GC) RL 49.8 49.8 49.8 Limits		Unit mg/Kg Unit mg/Kg mg/Kg	<u> </u>	Prepared 02/06/23 16:31 02/06/23 16:31 02/06/23 16:31 Prepared	02/08/23 09:40 Analyzed 02/08/23 00:01 02/08/23 00:01 02/08/23 00:01 Analyzed	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	Result <49.8	ics (DRO) (Qualifier U nics (DRO) Qualifier U U Qualifier	GC) RL 49.8 (GC) RL 49.8 49.8 49.8 Limits 70 - 130 70 - 130		Unit mg/Kg Unit mg/Kg mg/Kg	<u> </u>	Prepared 02/06/23 16:31 02/06/23 16:31 02/06/23 16:31 Prepared 02/06/23 16:31	02/08/23 09:40 Analyzed 02/08/23 00:01 02/08/23 00:01 02/08/23 00:01 Analyzed 02/08/23 00:01	Dil Face
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	Result <49.8 sel Range Orga Result <49.8 <49.8 <49.8 %Recovery 90 92 Chromatograp	ics (DRO) (Qualifier U nics (DRO) Qualifier U U Qualifier	GC) RL 49.8 (GC) RL 49.8 49.8 49.8 Limits 70 - 130 70 - 130	MDL	Unit mg/Kg Unit mg/Kg mg/Kg	<u> </u>	Prepared 02/06/23 16:31 02/06/23 16:31 02/06/23 16:31 Prepared 02/06/23 16:31	02/08/23 09:40 Analyzed 02/08/23 00:01 02/08/23 00:01 02/08/23 00:01 Analyzed 02/08/23 00:01	Dil Fac

Client: NT Global Job ID: 890-3962-1 Project/Site: Pinnacle CTB 35H Lease Road 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

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 - 1	Total BTEX Cald	culation							
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 - Diese	el Range Organ	ics (DRO) (GC)						
			•	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte		Qualifier	RL 50.0	MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 02/08/23 09:40	
Analyte Total TPH	Result <50.0	Qualifier U	RL 50.0	MDL		<u>D</u>	Prepared		
Analyte Total TPH . Method: SW846 8015B NM - Dies	Result <50.0	Qualifier U	RL 50.0			D_	Prepared Prepared		1
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte	Result <50.0	Qualifier Unics (DRO) Qualifier	RL 50.0		mg/Kg			02/08/23 09:40	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics	Result <50.0 sel Range Orga Result	Qualifier Unics (DRO) Qualifier	70.0 (GC)		mg/Kg		Prepared	02/08/23 09:40 Analyzed	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result <50.0 sel Range Orga Result	Qualifier U nics (DRO) Qualifier U	70.0 (GC)		mg/Kg		Prepared	02/08/23 09:40 Analyzed	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result	Qualifier U nics (DRO) Qualifier U	RL 50.0 (GC) RL 50.0 50.0		mg/Kg Unit mg/Kg mg/Kg		Prepared 02/06/23 16:31 02/06/23 16:31	02/08/23 09:40 Analyzed 02/08/23 00:23 02/08/23 00:23	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result <50.0 sel Range Orga Result <50.0	Qualifier U nics (DRO) Qualifier U	RL 50.0 (GC) RL 50.0		mg/Kg Unit mg/Kg		Prepared 02/06/23 16:31	02/08/23 09:40 Analyzed 02/08/23 00:23	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result	Qualifier U nics (DRO) Qualifier U U	RL 50.0 (GC) RL 50.0 50.0		mg/Kg Unit mg/Kg mg/Kg		Prepared 02/06/23 16:31 02/06/23 16:31	02/08/23 09:40 Analyzed 02/08/23 00:23 02/08/23 00:23	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result	Qualifier U nics (DRO) Qualifier U U	RL 50.0 (GC) RL 50.0 50.0 50.0		mg/Kg Unit mg/Kg mg/Kg		Prepared 02/06/23 16:31 02/06/23 16:31 02/06/23 16:31	02/08/23 09:40 Analyzed 02/08/23 00:23 02/08/23 00:23 02/08/23 00:23	Dil Face 1 1 1 Dil Face
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	Result	Qualifier U nics (DRO) Qualifier U U	RL 50.0		mg/Kg Unit mg/Kg mg/Kg		Prepared 02/06/23 16:31 02/06/23 16:31 02/06/23 16:31 Prepared	02/08/23 09:40 Analyzed 02/08/23 00:23 02/08/23 00:23 02/08/23 00:23 Analyzed	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	Result <50.0	Qualifier U nics (DRO) Qualifier U U Qualifier	RL 50.0 (GC) RL 50.0 50.0 50.0 Limits 70 - 130 70 - 130		mg/Kg Unit mg/Kg mg/Kg		Prepared 02/06/23 16:31 02/06/23 16:31 02/06/23 16:31 Prepared 02/06/23 16:31	02/08/23 09:40 Analyzed 02/08/23 00:23 02/08/23 00:23 02/08/23 00:23 Analyzed 02/08/23 00:23	Dil Face 1 1 1 Dil Face
Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	Result	Qualifier U nics (DRO) Qualifier U U Qualifier	RL 50.0 (GC) RL 50.0 50.0 50.0 Limits 70 - 130 70 - 130	MDL	mg/Kg Unit mg/Kg mg/Kg		Prepared 02/06/23 16:31 02/06/23 16:31 02/06/23 16:31 Prepared 02/06/23 16:31	02/08/23 09:40 Analyzed 02/08/23 00:23 02/08/23 00:23 02/08/23 00:23 Analyzed 02/08/23 00:23	Dil Face 1 1 1 Dil Face

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

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

Client Sample Results

Client: NT Global Job ID: 890-3962-1 SDG: 236729

Project/Site: Pinnacle CTB 35H Lease Road

Lab Sample ID: 890-3962-30

Matrix: Solid

Date Collected: 01/25/23 12:00 Date Received: 01/26/23 10:38

Client Sample ID: TP-3 (10)

_ Method: TAL SOP Total BTEX - To	otal PTEV Cale	vulation							
Analyte		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 Organ	ics (DRO) (GC)						
Analyte	•	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 - Dies	el Range Orga	nics (DRO)	(GC)						
Analyte	•	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		02/06/23 16:31	02/08/23 00:46	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		02/06/23 16:31	02/08/23 00:46	1
C10-C28)									
Oll 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	Chromatogran	hy - Solubl	ام						
Analyte		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 **Matrix: Solid**

Date Collected: 01/25/23 12:00 Date Received: 01/26/23 10:38

Method: SW846 8021B - Volatil	e Organic Comp	ounds (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
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
1,4-Difluorobenzene (Surr) Method: TAL SOP Total BTEX -		culation	70 - 130				02/08/23 08:59	02/08/23 14:38	100
- ' '	Total BTEX Cald	culation Qualifier	70 ₋ 130	MDL	Unit	D	02/08/23 08:59 Prepared	02/08/23 14:38 Analyzed	
Method: TAL SOP Total BTEX -	Total BTEX Cald			MDL	Unit mg/Kg	D			
Method: TAL SOP Total BTEX -	Total BTEX Calc Result	Qualifier	RL 0.399	MDL		<u>D</u>		Analyzed	
Method: TAL SOP Total BTEX - Analyte Total BTEX	Total BTEX Calc Result 122 sel Range Organ	Qualifier	RL 0.399			<u>D</u>		Analyzed	Dil Fac
Method: TAL SOP Total BTEX - Analyte Total BTEX Method: SW846 8015 NM - Dies	Total BTEX Calc Result 122 sel Range Organ	Qualifier ics (DRO) (RL 0.399		mg/Kg		Prepared	Analyzed 02/08/23 16:39	Dil Fac
Method: TAL SOP Total BTEX - Analyte Total BTEX Method: SW846 8015 NM - Dies Analyte	Total BTEX Calc Result 122 sel Range Organ Result 1280	Qualifier ics (DRO) (RL 0.399 GC) RL 50.0		mg/Kg		Prepared	Analyzed 02/08/23 16:39 Analyzed	Dil Fac
Method: TAL SOP Total BTEX - Analyte Total BTEX Method: SW846 8015 NM - Dies Analyte Total TPH	rotal BTEX Calc Result 122 sel Range Organ Result 1280 esel Range Orga	Qualifier ics (DRO) (RL 0.399 GC) RL 50.0	MDL	mg/Kg		Prepared	Analyzed 02/08/23 16:39 Analyzed	Dil Fac

Eurofins Carlsbad

02/08/23 01:31

02/06/23 16:31

50.0

mg/Kg

830

Diesel Range Organics (Over

C10-C28)

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

SDG: 236729

Client Sample ID: TP-4 (1)

Lab Sample ID: 890-3962-31

Date Collected: 01/25/23 12:00 Date Received: 01/26/23 10:38 Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		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)	

Method: SW846 8021B - Volatil	e Organic Compo	ounds (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

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

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

· (DDO) (C	\sim
	: (DRO) (G

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	403	49.9	mg/Kg		02/06/23 16:31	02/08/23 01:52	1
(GRO)-C6-C10							
Diesel Range Organics (Over	2590	49.9	mg/Kg		02/06/23 16:31	02/08/23 01:52	1
C10-C28)							
Oll 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 Qualif	ier 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

Eurofins Carlsbad

2/9/2023

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

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 - T	otal BTEX Cald	culation							
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 - Diese	l Range Organ	ics (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 - Dies	sel Range Orga	nics (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	2390		49.9		mg/Kg		02/06/23 16:31	02/08/23 02:15	1
C10-C28) OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/06/23 16:31	02/08/23 02:15	1
,					3 3				
Surrogate	%Recovery		Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane		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	Chromatograp	ny - Solubi	le						
Method: EPA 300.0 - Anions, Ion Analyte	• •	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

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

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

Eurofins Carlsbad

Project/Site: Pinnacle CTB 35H Lease Road

Dil Fac

Analyzed

01/31/23 13:10

Client: NT Global

Job ID: 890-3962-1

SDG: 236729

Client Sample ID: TP-4 (4)

Date Collected: 01/25/23 12:00 Date Received: 01/26/23 10:38

Analyte

Chloride

Lab Sample ID: 890-3962-34

Matrix: Solid

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 - Diese	l Range Organ	ics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	1920		50.0		mg/Kg			02/08/23 09:40	1
Method: SW846 8015B NM - Dies	sel Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	682		50.0		mg/Kg		02/06/23 16:31	02/08/23 02:36	
(GRO)-C6-C10									
Diesel Range Organics (Over	1240		50.0		mg/Kg		02/06/23 16:31	02/08/23 02:36	
C10-C28)									
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/06/23 16:31	02/08/23 02:36	•
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	99		70 - 130				02/06/23 16:31	02/08/23 02:36	
o-Terphenyl	92		70 - 130				02/06/23 16:31	02/08/23 02:36	

Client Sample ID: TP-4 (5)

Date Collected: 01/25/23 12:00

Lab Sample ID: 890-3962-35

Matrix: Solid

RL

4.97

MDL Unit

mg/Kg

D

Prepared

Date Collected: 01/25/23 12:00 Mat
Date Received: 01/26/23 10:38

Result Qualifier

11.8

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)		S1+	70 - 130				02/08/23 08:59	02/08/23 12:35	
	96		70 ₋ 130				02/08/23 08:59	02/08/23 12:35	
	Total BTEX Cald	culation Qualifier	70 - 730 RL	MDL	Unit	D	Prepared	Analyzed	
Method: TAL SOP Total BTEX -	Total BTEX Cald			MDI	Unit	n			
1,4-Difluorobenzene (Surr) Method: TAL SOP Total BTEX - Analyte Total BTEX	Total BTEX Cald			MDL	Unit mg/Kg	<u>D</u>			
Method: TAL SOP Total BTEX - Analyte Total BTEX Method: SW846 8015 NM - Dies	Total BTEX Calc Result 0.0388 sel Range Organ	Qualifier ics (DRO) (RL 0.00396		mg/Kg		Prepared	Analyzed 02/08/23 16:39	Dil Fac
Method: TAL SOP Total BTEX - Analyte	Total BTEX Calc Result 0.0388 sel Range Organ	Qualifier	RL 0.00396	MDL	mg/Kg	<u>D</u>		Analyzed 02/08/23 16:39 Analyzed	
Method: TAL SOP Total BTEX - Analyte Total BTEX Method: SW846 8015 NM - Dies Analyte	Total BTEX Calc Result 0.0388 sel Range Organ	Qualifier ics (DRO) (RL 0.00396		mg/Kg		Prepared	Analyzed 02/08/23 16:39	Dil Fac
Method: TAL SOP Total BTEX - Analyte Total BTEX Method: SW846 8015 NM - Dies Analyte Total TPH	Total BTEX Calc Result 0.0388 sel Range Organ Result 83.7	Qualifier ics (DRO) (Qualifier	RL 0.00396 GC) RL 50.1		mg/Kg		Prepared	Analyzed 02/08/23 16:39 Analyzed	Dil Fac
Method: TAL SOP Total BTEX - Analyte Total BTEX Method: SW846 8015 NM - Dies Analyte Total TPH Method: SW846 8015B NM - Die	Total BTEX Calc Result 0.0388 sel Range Organ Result 83.7 essel Range Orga	Qualifier ics (DRO) (Qualifier	RL 0.00396 GC) RL 50.1		mg/Kg Unit mg/Kg		Prepared	Analyzed 02/08/23 16:39 Analyzed	Dil Fac
Method: TAL SOP Total BTEX - Analyte Total BTEX Method: SW846 8015 NM - Dies	Total BTEX Calc Result 0.0388 sel Range Organ Result 83.7 essel Range Orga	Qualifier ics (DRO) (Qualifier nics (DRO) Qualifier	RL 0.00396 GC) RL 50.1	MDL	mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed 02/08/23 16:39 Analyzed 02/08/23 09:40	Dil Fac

Matrix: Solid

Client: NT Global Project/Site: Pinnacle CTB 35H Lease Road Job ID: 890-3962-1

SDG: 236729

Client Sample ID: TP-4 (5)

Date Collected: 01/25/23 12:00

Lab Sample ID: 890-3962-35

Date Received: 01/26/23 10:38

Method: SW846 8015B NM - Dies	el Range Orga	nics (DRO)	(GC) (Continue	ed)				
Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Oll 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 Cl	hromatography - 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 Date Received: 01/26/23 10:38

Total BTEX

02/08/23 16:39

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC) Result Qualifier Analyte MDL Unit Prepared Analyzed Dil Fac Benzene <0.00199 U 0.00199 02/08/23 08:59 02/08/23 12:56 mg/Kg **Toluene** 0.00381 0.00199 02/08/23 08:59 02/08/23 12:56 mg/Kg 0.00199 mg/Kg 02/08/23 08:59 02/08/23 12:56 Ethylbenzene 0.0318 02/08/23 08:59 02/08/23 12:56 m-Xylene & p-Xylene 0.127 0.00398 mg/Kg o-Xylene 0.0666 0.00199 mg/Kg 02/08/23 08:59 02/08/23 12:56 02/08/23 12:56 0.194 0.00398 mg/Kg 02/08/23 08:59 **Xylenes, Total** %Recovery Qualifier Limits Prepared Dil Fac Surrogate Analyzed 138 S1+ 70 - 130 02/08/23 08:59 02/08/23 12:56 4-Bromofluorobenzene (Surr)

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac	
Method: TAL SOP Total BTEX - Total BTE	X Calculation							
1,4-Difluorobenzene (Surr)	84	70 - 130		(02/08/23 08:59	02/08/23 12:56	1	

Method: SW846 8015 NM - Diesel R	Range Organics (DRO) (GC	S)					
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	607	49.9	mg/Kg			02/08/23 09:40	1

0.00398

mg/Kg

0.229

_ lotal II II	001				9,9			02/00/20 00:10	•
Method: SW846 8015B NM - Dies	sel Range Orga	nics (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
Oll 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 C	hromatograp	hy - Soluble	е						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.38	*_	5.02		mg/Kg			01/31/23 15:20	1

Project/Site: Pinnacle CTB 35H Lease Road

Client: NT Global

Job ID: 890-3962-1

SDG: 236729

Client Sample ID: TP-4 (7)

Date Received: 01/26/23 10:38

Lab Sample ID: 890-3962-37 Date Collected: 01/25/23 12:00

Matrix: Solid

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

Method: SW846 8021B - Volat	ile Organic Comp	ounas (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)			70 - 130				02/08/23 08:59	02/08/23 13:16	1

	,,				· ···· y – · ··	
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 B	TEX 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
Amalusta	Decult Ovalities

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

		(=::=)	()					
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
Oll Range Organics (Over C28-C36)	<50.1	U	50.1	mg/Kg		02/06/23 16:31	02/08/23 03:43	1
Surrogato	%Pacayary	Qualifier	l imite			Prepared	Analyzed	Dil Eac

Surrogate	%Recovery Qual	lifier 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

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)

Date Collected: 01/25/23 12:00 **Matrix: Solid**

Date Received: 01/26/23 10:38

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

Eurofins Carlsbad

Lab Sample ID: 890-3962-38

Project/Site: Pinnacle CTB 35H Lease Road

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Result Qualifier

12.1 *-

Job ID: 890-3962-1

SDG: 236729

Client Sample ID: TP-4 (8)

Date Collected: 01/25/23 12:00 Date Received: 01/26/23 10:38 Lab Sample ID: 890-3962-38

Analyzed

01/31/23 15:40

Dil Fac

Matrix: Solid

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 - Diese	el Range Organ	ics (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
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		02/06/23 16:31	02/08/23 04:04	1
Method: SW846 8015B NM - Dies Analyte		nics (DRO) Qualifier	(GC)	MDL	Unit	D	Prepared	Analyzed	Dil Fac
(GRO)-C6-C10	450.0		50.0				00/00/00 40:04	00/00/00 04:04	4
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		02/06/23 16:31	02/08/23 04:04	1
C10-C28)							02/06/23 16:31	02/08/23 04:04	1
C10-C28) OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/00/20 10.01	02/00/20 0 1.0 1	'
, , , , , , , , , , , , , , , , , , ,	<50.0 %Recovery		50.0 Limits		mg/Kg		Prepared Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)					mg/Kg				Dil Fac

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

RL

5.00

MDL Unit

mg/Kg

D

Prepared

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 Cald	culation							
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 - Die	esel Range Organ	ics (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	

Method: SW846 8015B NM - Dies	el Range Orga	nics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9		mg/Kg		02/06/23 16:31	02/08/23 04:27	1
(GRO)-C6-C10									
Diesel Range Organics (Over	192		49.9		ma/Ka		02/06/23 16:31	02/08/23 04:27	1

C10-C28)

Analyte

Chloride

Client: NT Global Project/Site: Pinnacle CTB 35H Lease Road SDG: 236729

Client Sample ID: TP-4 (9)

Date Collected: 01/25/23 12:00 Date Received: 01/26/23 10:38 Lab Sample ID: 890-3962-39

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll 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 01/31/23 15:44 mg/Kg

Client Sample ID: TP-4 (10) Lab Sample ID: 890-3962-40

Matrix: Solid

Date Collected: 01/25/23 12:00 Date Received: 01/26/23 10:38

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
Analyte Total BTEX	<0.00398	Qualifier		MDL	Unit mg/Kg	D	Prepared	Analyzed 02/08/23 16:39	Dil Fac
Method: SW846 8015 NM - Dies					mg/rtg			02/03/20 10:03	
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	
y.c	Result	Qualifier	112	IVIDE	•		riepaieu	Allalyzeu	Dil Fac
	Result <50.0		50.0		mg/Kg	_ <u>-</u>	Frepareu	02/08/23 09:40	Dil Fac
Total TPH Method: SW846 8015B NM - Die	<50.0	U	50.0			_ =			Dil Fac
Total TPH	<50.0	U	50.0	MDL			Prepared		Dil Fac
Total TPH Method: SW846 8015B NM - Dic Analyte Gasoline Range Organics	<50.0	unics (DRO) Qualifier	50.0 (GC)		mg/Kg			02/08/23 09:40	1
Total TPH Method: SW846 8015B NM - Die	<50.0 esel Range Orga Result	unics (DRO) Qualifier	50.0 (GC)		mg/Kg		Prepared	02/08/23 09:40 Analyzed	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		02/06/23 16:31	02/08/23 04:49	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		02/06/23 16:31	02/08/23 04:49	1
C10-C28)									
Oll 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 Chro	matograp	hy - 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

Project/Site: Pinnacle CTB 35H Lease Road

Client: NT Global

Job ID: 890-3962-1

SDG: 236729

Client Sample ID: TP-5 (1)

Date Collected: 01/25/23 12:00 Date Received: 01/26/23 10:38

Lab Sample ID: 890-3962-41

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC) Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac Benzene <0.00201 0.00201 02/06/23 10:37 02/07/23 01:39 mg/Kg Toluene <0.00201 U 0.00201 mg/Kg 02/06/23 10:37 02/07/23 01:39 Ethylbenzene <0.00201 UF1 0.00201 mg/Kg 02/06/23 10:37 02/07/23 01:39 0.00402 02/06/23 10:37 02/07/23 01:39 m-Xylene & p-Xylene <0.00402 UF1 mg/Kg 0.00201 02/06/23 10:37 02/07/23 01:39 o-Xylene <0.00201 UF1 mg/Kg Xylenes, Total <0.00402 U.F1 0.00402 02/06/23 10:37 02/07/23 01:39 mg/Kg %Recovery Surrogate Qualifier Limits Prepared Analyzed Dil Fac 4-Bromofluorobenzene (Surr) 96 70 - 13002/06/23 10:37 02/07/23 01:39 1,4-Difluorobenzene (Surr) 98 70 - 130 02/06/23 10:37 02/07/23 01:39

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac Total BTEX <0.00402 0.00402 mg/Kg 02/07/23 09:28

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

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

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

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

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

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

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

Client Sample ID: TP-5 (2)

Date Received: 01/26/23 10:38

Date Collected: 01/25/23 12:00

Lab Sample ID: 890-3962-42

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC) Analyte Result Qualifier MDL Unit Dil Fac RL D Prepared Analyzed Benzene <0.00200 0.00200 02/06/23 10:37 02/07/23 02:05 mg/Kg Toluene <0.00200 U 0.00200 mg/Kg 02/06/23 10:37 02/07/23 02:05 Ethylbenzene <0.00200 U 0.00200 mg/Kg 02/06/23 10:37 02/07/23 02:05 0.0209 0.00401 mg/Kg 02/06/23 10:37 02/07/23 02:05 m-Xylene & p-Xylene o-Xylene 0.0134 0.00200 mg/Kg 02/06/23 10:37 02/07/23 02:05 mg/Kg 0.0343 0.00401 02/06/23 10:37 02/07/23 02:05 **Xylenes, Total**

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

Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1

SDG: 236729

Client Sample ID: TP-5 (2)

Date Collected: 01/25/23 12:00 Date Received: 01/26/23 10:38 Lab Sample ID: 890-3962-42

Matrix: Solid

Method: TAL SOP Total BTEX - To			DI	MDI	11	_	Duamanad	Amalumad	Dil Faa
Analyte		Qualifier	RL	MDL		D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0343		0.00401		mg/Kg			02/07/23 09:28	1
Method: SW846 8015 NM - Diese	l Range Organ	ics (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 - Dies	el Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9		mg/Kg		02/06/23 16:34	02/07/23 21:49	1
(GRO)-C6-C10									
Diesel Range Organics (Over	288		49.9		mg/Kg		02/06/23 16:34	02/07/23 21:49	1
C10-C28)									
Oll 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	Chromatograp	hy - Solubl	e						
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 **Matrix: Solid**

Date Collected: 01/25/23 12:00

Date Received: 01/26/23 10:38

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
4 4 10 17 1 10 10	90		70 - 130				02/06/23 10:37	02/07/23 02:31	1
1,4-Difluorobenzene (Surr) Method: TAL SOP Total BTEX Analyte	- Total BTEX Cald			MDI	Unit	n			
- '		culation	70 - 130				02/00/25 10:57	02/01/20 02:01	,
- '	- Total BTEX Cald	Qualifier	RL 0.00398	MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 02/07/23 09:28	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX	- Total BTEX Calc Result <0.00398	Qualifier U	RL 0.00398	MDL		<u>D</u>		Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte	- Total BTEX Calc Result <0.00398 esel Range Organ	Qualifier U	RL 0.00398			<u>D</u>		Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die	- Total BTEX Calc Result <0.00398 esel Range Organ	Qualifier U ics (DRO) (Qualifier	RL 0.00398		mg/Kg		Prepared	Analyzed 02/07/23 09:28	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte	- Total BTEX Calc Result <0.00398 esel Range Organ Result <49.9	Qualifier U ics (DRO) (Qualifier U	RL 0.00398 GC) RL 49.9		mg/Kg		Prepared	Analyzed 02/07/23 09:28 Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH	- Total BTEX Calc Result <0.00398 esel Range Organ Result <49.9	Qualifier U ics (DRO) (Qualifier U	RL 0.00398 GC) RL 49.9	MDL	mg/Kg		Prepared	Analyzed 02/07/23 09:28 Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH Method: SW846 8015B NM - D Analyte Gasoline Range Organics	- Total BTEX Calc Result <0.00398 esel Range Organ Result <49.9	Qualifier U ics (DRO) (Qualifier U nics (DRO) Qualifier	RL 0.00398 GC) RL 49.9	MDL	mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed 02/07/23 09:28 Analyzed 02/08/23 09:23	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH Method: SW846 8015B NM - D	- Total BTEX Calc Result <0.00398 esel Range Organ Result <49.9 diesel Range Orga Result	Qualifier U ics (DRO) (Qualifier U nics (DRO) Qualifier U	RL 0.00398 GC) RL 49.9 (GC) RL	MDL	mg/Kg Unit mg/Kg Unit	<u>D</u>	Prepared Prepared	Analyzed 02/07/23 09:28 Analyzed 02/08/23 09:23 Analyzed	Dil Fac

Client: NT Global Project/Site: Pinnacle CTB 35H Lease Road SDG: 236729

Lab Sample ID: 890-3962-43

Client Sample ID: TP-5 (3)

Date Collected: 01/25/23 12:00 Date Received: 01/26/23 10:38

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll 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 01/31/23 16:13 mg/Kg

Client Sample ID: TP-5 (4) Lab Sample ID: 890-3962-44 **Matrix: Solid**

Date Received: 01/26/23 10:38

Date Collected: 01/25/23 12:00

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

	WELLIOU. TAL SOP TOTAL BIEX - TOTA	I DIEX Calc	uiation						
	Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
l	Total BTEX	<0.00398	U	0.00398	mg/Kg			02/07/23 09:28	1

Method: SW846 8015 NM - Diesel Range	Organ	ics (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 Rang	je Orga	nics (DRO) (GC)							

Method: SW846 8015B NM - Dies	el Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		02/06/23 16:34	02/07/23 22:32	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		02/06/23 16:34	02/07/23 22:32	1
C10-C28)									
Oll 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 C	hromatograp	hy - 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

Eurofins Carlsbad

2/9/2023

Project/Site: Pinnacle CTB 35H Lease Road

Client: NT Global

Job ID: 890-3962-1

SDG: 236729

Client Sample ID: TP-5 (5)

Date Collected: 01/25/23 12:00 Date Received: 01/26/23 10:38 Lab Sample ID: 890-3962-45

Matrix: Solid

Method: SW846 8021B - Volati	le Organic Comp	ounds (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

 Analyte
 Result
 Qualifier
 RL
 MDL
 Unit
 D
 Prepared
 Analyzed
 Dil Fac

 Total BTEX
 <0.00399</td>
 U
 0.00399
 mg/Kg
 02/07/23 09:28
 1

Method: SW846 8015 NM - Diesel R	ange Organi	ics (DRO) (G	iC)					
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 Prepared Analyzed Dil Fac Gasoline Range Organics <50.0 U 50.0 02/06/23 16:34 02/07/23 22:55 mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over <50.0 U 50.0 mg/Kg 02/06/23 16:34 02/07/23 22:55

C10-C28) OII Range Organics (Over C28-C36) <50.0 U 50.0 mg/Kg 02/06/23 16:34 02/07/23 22:55 Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 1-Chlorooctane 108 70 - 130 02/06/23 16:34 02/07/23 22:55

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

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)

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 10:38

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

Eurofins Carlsbad

2

4

6

<u>۾</u>

4.0

111

13

Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1

SDG: 236729

Client Sample ID: TP-5 (6)

Date Collected: 01/25/23 12:00 Date Received: 01/26/23 10:38 Lab Sample ID: 890-3962-46

01/31/23 16:28

Matrix: Solid

					D	Prepared	Analyzed	Dil Fac
<0.00398	U	0.00398		mg/Kg			02/07/23 09:28	1
Range Organ	ics (DRO) (GC)						
		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<50.0	U	50.0		mg/Kg			02/08/23 09:23	1
el Range Orga	nics (DRO)	(GC)						
•		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<50.0	U	50.0		mg/Kg		02/06/23 16:34	02/07/23 23:17	1
<50.0	U	50.0		mg/Kg		02/06/23 16:34	02/07/23 23:17	1
<50.0	U	50.0		mg/Kg		02/06/23 16:34	02/07/23 23:17	1
%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
88		70 - 130				02/06/23 16:34	02/07/23 23:17	1
97		70 - 130				02/06/23 16:34	02/07/23 23:17	1
	Result <50.0	Result Qualifier	Solution Solution	Result Qualifier RL MDL	Result Qualifier RL MDL Unit mg/Kg	Result Qualifier RL MDL Unit mg/Kg	Result Qualifier RL MDL mg/Kg D mg/Kg Prepared Pl Range Organics (DRO) (GC) Result Qualifier RL mg/Kg MDL mg/Kg D mg/Kg Prepared <50.0 U	Result Qualifier RL MDL mg/Kg D mg/Kg Prepared Prepared Analyzed 02/08/23 09:23 Plands Range Organics (DRO) (GC) Result Qualifier RL MDL Unit mg/Kg D Prepared O2/06/23 16:34 Analyzed O2/07/23 23:17 <50.0 U

Client Sample ID: TP-5 (7) Lab Sample ID: 890-3962-47 Date Collected: 01/25/23 12:00

4.97

23.5

Date Received: 01/26/23 10:38

Chloride

Matrix: Solid

mg/Kg

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 Analyte	Result	Qualifier	RL	MDL	Unit	<u>D</u>	Prepared	Analyzed	
Method: TAL SOP Total BTEX			RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Method: TAL SOP Total BTEX		Qualifier	RL 0.00398	MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 02/07/23 09:28	Dil Fac
Method: TAL SOP Total BTEX Analyte	<0.00398	Qualifier U	0.00398	MDL		<u>D</u>	Prepared		
Method: TAL SOP Total BTEX Analyte Total BTEX	Result <0.00398 esel Range Organ	Qualifier U	0.00398	MDL	mg/Kg	<u>D</u>	Prepared Prepared		
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die	Result <0.00398 esel Range Organ	Qualifier U ics (DRO) (Qualifier	0.00398 GC)		mg/Kg			02/07/23 09:28	1
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte	Result <0.00398 esel Range Organ Result <49.9	Qualifier U ics (DRO) (Qualifier U	0.00398 GC) RL 49.9		mg/Kg			02/07/23 09:28 Analyzed	1 Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH	esel Range Organ Result <49.9 viesel Range Orga	Qualifier U ics (DRO) (Qualifier U	0.00398 GC) RL 49.9		mg/Kg Unit mg/Kg			02/07/23 09:28 Analyzed	1 Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH Method: SW846 8015B NM - D Analyte Gasoline Range Organics	esel Range Organ Result <49.9 viesel Range Orga	Qualifier U ics (DRO) (Qualifier U nics (DRO) Qualifier	0.00398 GC) RL 49.9	MDL	mg/Kg Unit mg/Kg	<u>D</u>	Prepared	02/07/23 09:28 Analyzed 02/08/23 09:23	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH Method: SW846 8015B NM - D	esel Range Organ Result <49.9 viesel Range Orga Result Result Result Result Result Result Result Result	Qualifier U ics (DRO) (Qualifier U mics (DRO) Qualifier U	0.00398 GC) RL 49.9 (GC) RL	MDL	mg/Kg Unit mg/Kg Unit	<u>D</u>	Prepared Prepared	02/07/23 09:28 Analyzed 02/08/23 09:23 Analyzed	Dil Fac

Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1

Prepared

SDG: 236729

Client Sample ID: TP-5 (7)

Date Received: 01/26/23 10:38

Client: NT Global

Lab Sample ID: 890-3962-47 Date Collected: 01/25/23 12:00

Matrix: Solid

Analyzed

Method: SW846 8015B NM - Die	sel Range Organics (DRO)	(GC) (Continued))	
Analyte	Result Qualifier	RL	MDL	Unit

Oll 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/K	g		01/31/23 16:42	1

Client Sample ID: TP-5 (8) Lab Sample ID: 890-3962-48

Date Received: 01/26/23 10:38

Date Collected: 01/25/23 12:00	Matrix: Solid
Data Bassiyad: 01/26/22 10:29	

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198		0.00198		mg/Kg	— <u>-</u>	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 - Tot	al BTEX Cald	ulation							
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 I	Range Organ	ics (DRO) (0	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

-	140.0	O	40.0		mg/rtg			02/00/23 03.23	'
- Method: SW846 8015B NM - Dies	el Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9		mg/Kg		02/06/23 16:34	02/08/23 00:01	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.9	U	49.9		mg/Kg		02/06/23 16:34	02/08/23 00:01	1
C10-C28)									
OII 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 Ch	hromatograp	hy - Soluble		RL MDL Unit D Prepared Analyzed Dil Fa						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	12.3	*_	5.00		mg/Kg			01/31/23 16:47	1	

Eurofins Carlsbad

2/9/2023

Client: NT Global Job ID: 890-3962-1 Project/Site: Pinnacle CTB 35H Lease Road

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

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	
Toluene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:37	02/07/23 05:08	•
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:37	02/07/23 05:08	•
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/06/23 10:37	02/07/23 05:08	
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:37	02/07/23 05:08	•
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/06/23 10:37	02/07/23 05:08	,
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	95		70 - 130				02/06/23 10:37	02/07/23 05:08	
1,4-Difluorobenzene (Surr)	102		70 - 130				02/06/23 10:37	02/07/23 05:08	1
Method: TAL SOP Total BTEX - Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
			. 	MDL	Unit	D	Prepared		Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/07/23 09:28	
Method: SW846 8015 NM - Dies	sel Range Organ	ics (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	
•									
- Method: SW846 8015B NM - Di	•	• •	• •						
	•	nics (DRO) Qualifier	(GC)	MDL	Unit	<u>D</u>	Prepared	Analyzed	Dil Fac
Analyte Gasoline Range Organics	•	Qualifier	• •	MDL	Unit mg/Kg	<u>D</u>	Prepared 02/06/23 16:34	Analyzed 02/08/23 00:23	Dil Fac
Analyte	Result	Qualifier U	RL	MDL		<u> </u>			Dil Fa

Gasoline Range Organics	<49.9	U	49.9	mg/Kg	02/06/23 16:34	02/08/23 00:23	1
(GRO)-C6-C10							
Diesel Range Organics (Over	<49.9	U	49.9	mg/Kg	02/06/23 16:34	02/08/23 00:23	1
C10-C28)							
OII 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 C	hromatograp	hy - 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

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

Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1

SDG: 236729

Lab Sample ID: 890-3962-50

Matrix: Solid

Client Sample ID: TP-5 (10)

Date Collected: 01/25/23 12:00 Date Received: 01/26/23 10:38

Method: TAL SOP Total BTEX - To	otal BTEX Cald	culation							
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 - Diese	Range Organ	ics (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 - Dies	el Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9		mg/Kg		02/06/23 16:34	02/08/23 00:46	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.9	U	49.9		mg/Kg		02/06/23 16:34	02/08/23 00:46	1
C10-C28)									
Oll 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	Chromatogran	hv - Solubl	e						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.44	*_	5.02		mg/Kg			01/31/23 17:06	

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

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
4.4.0%	97		70 ₋ 130				02/06/23 10:37	02/07/23 07:23	1
1,4-Difluorobenzene (Surr) Method: TAL SOP Total BTEX Analyte	- Total BTEX Cald	culation Qualifier	70 - 730 RL	MDL	Unit	D			
	- Total BTEX Cald						02/00/23 10.37	02/01/25 01.25	
	- Total BTEX Cald	Qualifier		MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 02/07/23 09:28	Dil Fac
Method: TAL SOP Total BTEX Analyte	- Total BTEX Calc Result <0.00396	Qualifier U	RL 0.00396	MDL		<u>D</u>		Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX	- Total BTEX Calc Result <0.00396 esel Range Organ	Qualifier U	RL 0.00396	MDL	mg/Kg	<u>D</u>		Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die	- Total BTEX Calc Result <0.00396 esel Range Organ	Qualifier U ics (DRO) (Qualifier	RL 0.00396		mg/Kg		Prepared	Analyzed 02/07/23 09:28	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte	- Total BTEX Calc Result <0.00396 esel Range Organ Result <49.9	Qualifier U ics (DRO) (Qualifier U	RL 0.00396 GC) RL 49.9		mg/Kg		Prepared	Analyzed 02/07/23 09:28 Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH	- Total BTEX Calc Result <0.00396 esel Range Organ Result <49.9	Qualifier U ics (DRO) (Qualifier U	RL 0.00396 GC) RL 49.9	MDL	mg/Kg		Prepared	Analyzed 02/07/23 09:28 Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH Method: SW846 8015B NM - D	- Total BTEX Calc Result <0.00396 esel Range Organ Result <49.9	Qualifier U ics (DRO) (Qualifier U nics (DRO) Qualifier	RL 0.00396 GC) RL 49.9	MDL	mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed 02/07/23 09:28 Analyzed 02/08/23 09:23	Dil Fac

Client: NT Global Project/Site: Pinnacle CTB 35H Lease Road SDG: 236729

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

Lab Sample ID: 890-3962-51

Date Collected: 01/25/23 12:00 Date Received: 01/26/23 10:38

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<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 Result Qualifier RL MDL Unit D Analyzed Dil Fac Prepared <4.98 U*-Chloride 4.98 01/31/23 17:11 mg/Kg

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

Lab Sample ID: 890-3962-52

Da

ate Collected: 01/25/23 12:00	Matrix: Solid
ate Received: 01/26/23 10:38	

Method: SW846 8021B - Volati	le Organic Comp	ounds (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	al BTEX Cald	culation							
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 Rar	nge Organi	ics (DRO) (G	C)					
Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/K	g		02/08/23 09:23	1

_									
Method: SW846 8015B NM - Dies	sel Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9		mg/Kg		02/06/23 16:34	02/08/23 01:52	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.9	U	49.9		mg/Kg		02/06/23 16:34	02/08/23 01:52	1
C10-C28)									
Oll 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

Eurofins Carlsbad

Job ID: 890-3962-1

SDG: 236729

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

Project/Site: Pinnacle CTB 35H Lease Road

Date Collected: 01/25/23 12:00 Date Received: 01/26/23 10:38 Lab Sample ID: 890-3962-53

Matrix: Solid

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 - To	otal BTEX Cald	culation							
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 Analyte	•	ics (DRO) (Qualifier	GC)	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 - Dies	el Range Orga	nics (DRO)	(GC)						
Analyte		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
Oll 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
r-Chioroociane			70 400				02/06/23 16:34	02/08/23 02:15	1
o-Terphenyl	103		70 - 130				02/06/23 16.34	02/06/23 02.15	,
		ohv - Solub					02/06/23 16.34	02/06/23 02.15	1

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

Date Collected: 01/25/23 12:00

Lab Sample ID: 890-3962-54

Matrix: Solid

4.98

mg/Kg

<4.98 U*-

Date Received: 01/26/23 10:38

Chloride

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

Eurofins Carlsbad

01/31/23 17:21

Chloride

Date Received: 01/26/23 10:38

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

nalyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
otal BTEX	<0.00401	U	0.00401		mg/Kg			02/07/23 13:37	1
lethod: SW846 8015 NM - Diese	l Range Organ	ics (DRO) (GC)						
nalyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
otal TPH	<50.0	U	50.0		mg/Kg			02/08/23 09:23	1
lethod: SW846 8015B NM - Dies	sel Range Orga	nics (DRO)	(GC)						
nalyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
asoline Range Organics	<50.0	U	50.0		mg/Kg		02/06/23 16:34	02/08/23 02:36	1
GRO)-C6-C10									
iesel Range Organics (Over	<50.0	U	50.0		mg/Kg		02/06/23 16:34	02/08/23 02:36	1
10-C28)									
II Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/06/23 16:34	02/08/23 02:36	1
urrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
-Chlorooctane	96		70 - 130				02/06/23 16:34	02/08/23 02:36	1
-Terphenyl	109		70 - 130				02/06/23 16:34	02/08/23 02:36	1

Client Sample ID: H-5 (0-0.5') Lab Sample ID: 890-3962-55 Date Collected: 01/25/23 12:00

<4.99 U *-

4.99

Matrix: Solid

mg/Kg

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:37	02/07/23 09:09	-
Toluene	< 0.00199	U	0.00199		mg/Kg		02/06/23 10:37	02/07/23 09:09	
Ethylbenzene	< 0.00199	U	0.00199		mg/Kg		02/06/23 10:37	02/07/23 09:09	
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/06/23 10:37	02/07/23 09:09	
o-Xylene	< 0.00199	U	0.00199		mg/Kg		02/06/23 10:37	02/07/23 09:09	
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/06/23 10:37	02/07/23 09:09	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	89		70 - 130				02/06/23 10:37	02/07/23 09:09	
Method: TAL SOP Total BTEX			70 ₋ 130	MDI	l lmi4		02/06/23 10:37	02/07/23 09:09	
1,4-Difluorobenzene (Surr) Method: TAL SOP Total BTEX Analyte Total BTEX	- Total BTEX Cald	Qualifier	70 - 130 RL 0.00398	MDL	Unit mg/Kg	<u>D</u>	02/06/23 10:37 Prepared	02/07/23 09:09 Analyzed 02/07/23 13:37	Dil Fa
Method: TAL SOP Total BTEX Analyte Total BTEX	- Total BTEX Calc Result <0.00398	Qualifier U	RL 0.00398	MDL		<u>D</u>		Analyzed	Dil Fa
Method: TAL SOP Total BTEX Analyte	- Total BTEX Cald Result <	Qualifier U	RL 0.00398			D		Analyzed	Dil Fa
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die	- Total BTEX Cald Result <	Qualifier U ics (DRO) (Qualifier	RL 0.00398		mg/Kg		Prepared	Analyzed 02/07/23 13:37	Dil Fa
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH	- Total BTEX Calc Result <0.00398 sel Range Organ Result <50.0	Qualifier U ics (DRO) (Qualifier U	RL 0.00398 GC) RL 50.0		mg/Kg		Prepared	Analyzed 02/07/23 13:37 Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH Method: SW846 8015B NM - Die	- Total BTEX Calc Result <0.00398 sel Range Organ Result <50.0 iesel Range Orga	Qualifier U ics (DRO) (Qualifier U	RL 0.00398 GC) RL 50.0	MDL	mg/Kg		Prepared	Analyzed 02/07/23 13:37 Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte	- Total BTEX Calc Result <0.00398 sel Range Organ Result <50.0 iesel Range Orga	Qualifier U ics (DRO) (Qualifier U nics (DRO) Qualifier	RL 0.00398 GC) RL 50.0	MDL	mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed 02/07/23 13:37 Analyzed 02/08/23 09:23	Dil Fac

Eurofins Carlsbad

01/31/23 17:26

SDG: 236729

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

Project/Site: Pinnacle CTB 35H Lease Road

Date Collected: 01/25/23 12:00 Date Received: 01/26/23 10:38

Client: NT Global

Lab Sample ID: 890-3962-55

Matrix: Solid

Method: SW846 8015B NN	I - Diesel Range Organics (DRO) (GO	C) (Continued)	
Analyte	Result Qualifier	RL	М

Analyte	Result	Qualifier	KL	MDL	Unit	U	Prepared	Anaiyzed	DII Fac
Oll 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")

Date Collected: 01/25/23 12:00 Date Received: 01/26/23 10:38 Lab Sample ID: 890-3962-56

Matrix: Solid

Method: SW846 8021B - Volati	ile Organic Comp	ounds (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 - To	tal BTEX Calcul	ation					
Analyte	Result Q	ualifier RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404 11	0.00404	ma/Ka			02/07/23 13:37	

Method: SW846 8015 NM - Diesel Range	Organ	ics (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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9		mg/Kg		02/06/23 16:34	02/08/23 03:20	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.9	U	49.9		mg/Kg		02/06/23 16:34	02/08/23 03:20	1
C10-C28)									
OII 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 C	hromatograp	hy - 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

Client: NT Global Job ID: 890-3962-1 Project/Site: Pinnacle CTB 35H Lease Road 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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199		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
Kylenes, 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 Cald	culation							
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

Analyte	Result	Qualifier	KL	MDL	Unit	U	Prepared	Anaiyzed	DII Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/08/23 09:23	1
Method: SW846 8015B NM - Diese	l Range Orga	ınics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9		mg/Kg		02/06/23 16:34	02/08/23 03:43	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.9	U	49.9		mg/Kg		02/06/23 16:34	02/08/23 03:43	1
C10-C28)									

Oll Range Orga	anics (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 Chrom	ıatograp	hy - 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

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

Eurofins Carlsbad

Released to Imaging: 12/21/2023 8:30:33 AM

Job ID: 890-3962-1

SDG: 236729

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

Project/Site: Pinnacle CTB 35H Lease Road

Date Collected: 01/25/23 12:00 Date Received: 01/26/23 10:38 Lab Sample ID: 890-3962-58

Matrix: Solid

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

	Mothod: SW046 904ED NM Diocol Dan	go Organico (DBO) (CC)	v
ı	Method: SW846 8015B NM - Diesel Ran	ge Organics (DRO) (GC)	,

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		02/06/23 16:34	02/08/23 04:04	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U	50.0	1	mg/Kg		02/06/23 16:34	02/08/23 04:04	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	1	mg/Kg		02/06/23 16:34	02/08/23 04:04	1

Surrogate	%Recovery Q	Qualifier L	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130	02/06/23 16:34	02/08/23 04:04	1
o-Terphenyl	133 S	51+ 7	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')

Date Collected: 01/25/23 12:00

Date Received: 01/26/23 10:38

Lab Sample ID: 890-3962-59

Matrix: Solid

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	

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

Released to Imaging: 12/21/2023 8:30:33 AM

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		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	<49.9	U	49.9	mg/Kg		02/06/23 16:34	02/08/23 04:27	1
(GRO)-C6-C10								
Diesel Range Organics (Over	<49.9	U	49.9	mg/Kg		02/06/23 16:34	02/08/23 04:27	1
C10-C28)								

SDG: 236729

Client: NT Global Job ID: 890-3962-1 Project/Site: Pinnacle CTB 35H Lease Road

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll 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 C	hromatography - S	Soluble					
Analyte	Result Quali	fier 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**

Method: SW846 8021B - Volat	ile Organic Comp	ounds (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 Cald	culation							
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 - Die	esel Range Organ	ics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
		U	50.0		mg/Kg			02/08/23 09:23	

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	<50.0	U	50.0		mg/Kg			02/08/23 09:23	
- Method: SW846 8015B NM - Dies	el Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/06/23 16:34	02/08/23 04:49	•
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/06/23 16:34	02/08/23 04:49	•
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/06/23 16:34	02/08/23 04:49	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	94		70 - 130				02/06/23 16:34	02/08/23 04:49	
o-Terphenyl	107		70 - 130				02/06/23 16:34	02/08/23 04:49	

Eurofins Carlsbad

Analyzed

02/02/23 08:22

RL

4.99

MDL Unit

mg/Kg

Prepared

Result Qualifier

<4.99 U

2/9/2023

Dil Fac

Analyte

Chloride

Client: NT Global Job ID: 890-3962-1
Project/Site: Pinnacle CTB 35H Lease Road SDG: 236729

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

•				Percent Surrogate Recovery (Acceptance Limits)
		BFB1	DFBZ1	· · · · · · · · · · · · · · · · · · ·
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
880-24295-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	
890-3962-11	• •	116	95	
	TP-2 (2)			
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	

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)
		BFB1	DFBZ1	
ab Sample ID	Client Sample ID	(70-130)	(70-130)	
390-3962-40	TP-4 (10)	78	97	
90-3962-41	TP-5 (1)	96	98	
390-3962-41 MS	TP-5 (1)	91	105	
390-3962-41 MSD	TP-5 (1)	100	107	
390-3962-42	TP-5 (2)	78	91	
390-3962-43	TP-5 (3)	71	90	
390-3962-44	TP-5 (4)	87	91	
390-3962-45	TP-5 (5)	93	88	
390-3962-46	TP-5 (6)	93	92	
390-3962-47	TP-5 (7)	85	89	
390-3962-48	TP-5 (8)	70	89	
90-3962-49	TP-5 (9)	95	102	
90-3962-50	TP-5 (10)	100	101	
390-3962-51	H-1 (0-0.5')	95	97	
90-3962-52	H-2 (0-0.5')	89	98	
390-3962-53	H-3 (0-0.5"	109	111	
390-3962-54	H-4 (0-0.5')	101	102	
390-3962-55	H-5 (0-0.5')	89	95	
90-3962-56	H-6 (0-0.5")	111	92	
390-3962-57	H-7 (0-0.5')	90	108	
390-3962-58	H-8 (00.5')	76	106	
390-3962-59	H-9 (0-0.5')	129	130	
390-3962-60	H-10 (0-0.5')	87	87	
.CS 880-45559/1-A	Lab Control Sample	115	107	
.CS 880-45560/1-A	Lab Control Sample	91	92	
CS 880-45561/1-A	Lab Control Sample	86	99	
.CS 880-45694/1-A	Lab Control Sample	113	87	
.CS 880-45702/1-A	Lab Control Sample	84	95	
CS 880-45754/1-A	Lab Control Sample	123	95	
CSD 880-45559/2-A	Lab Control Sample Dup	111	108	
CSD 880-45560/2-A	Lab Control Sample Dup	97	97	
CSD 880-45561/2-A	Lab Control Sample Dup	78	95	
CSD 880-45694/2-A	Lab Control Sample Dup	85	108	
CSD 880-45702/2-A	Lab Control Sample Dup	86	96	
CSD 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	
ИВ 880-45559/5-A	Method Blank	104	104	
/IB 880-45560/5-A	Method Blank	92	93	
/IB 880-45561/5-A	Method Blank	67 S1-	87	
ИВ 880-45604/5-A	Method Blank	74	93	
ИВ 880-45694/5-A	Method Blank	76	94	
ИВ 880-45702/5-A	Method Blank	90	93	
	Method Blank	73	93	

DFBZ = 1,4-Difluorobenzene (Surr)

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

				Percent Surrogate Recovery (Acceptance Limits)
		1001	OTPH1	,
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
390-3962-1	TP-1 (1)	113	99	
390-3962-1 MS	TP-1 (1)	120	91	
90-3962-1 MSD	TP-1 (1)	121	93	
90-3962-2	TP-1 (2)	94	87	
90-3962-3	TP-1 (3)	91	85	
390-3962-4	TP-1 (4)	93	88	
390-3962-5	TP-1 (5)	103	99	
390-3962-6	TP-1 (6)	89	85	
390-3962-7	TP-1 (7)	88	83	
390-3962-8	TP-1 (8)	87	83	
390-3962-9	TP-1 (9)	89	87	
390-3962-10	TP-1 (10)	96	95	
390-3962-11	TP-2 (1)	103	86	
390-3962-12	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	
390-3962-17 390-3962-18	TP-2 (8)	88	86	
390-3962-19	TP-2 (9)	89	85	
390-3962-19	TP-2 (9)	87	84	
890-3962-21		115	115	
	TP-3 (1)	97	95	
890-3962-21 MS	TP-3 (1)			
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	
390-3962-24	TP-3 (4)	111	111	
390-3962-25	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	
390-3962-31	TP-4 (1)	97	98	
390-3962-32	TP-4 (2)	98	96	
390-3962-33	TP-4 (3)	140 S1+	109	
390-3962-34	TP-4 (4)	99	92	
890-3962-35	TP-4 (5)	87	90	
890-3962-36	TP-4 (6)	97	101	
390-3962-37	TP-4 (7)	88	89	
390-3962-38	TP-4 (8)	89	93	
390-3962-39	TP-4 (9)	84	87	
390-3962-40	TP-4 (10)	104	101	
390-3962-41	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	

Eurofins Carlsbad

Released to Imaging: 12/21/2023 8:30:33 AM

4

6

0

11

13

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

		1001	OTPH1	Percent Surrogate Recovery (Acceptance Limits
Lab Sample ID	Client Sample ID	(70-130)	(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	
390-3962-50	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	
390-3962-53	H-3 (0-0.5"	91	103	
890-3962-54	H-4 (0-0.5')	96	109	
390-3962-55	H-5 (0-0.5')	100	114	
890-3962-56	H-6 (0-0.5")	103	113	
390-3962-57	H-7 (0-0.5')	111	120	
890-3962-58	H-8 (00.5')	121	133 S1+	
390-3962-59	H-9 (0-0.5')	115	124	
390-3962-60	H-10 (0-0.5')	94	107	
_CS 880-45635/2-A	Lab Control Sample	123	104	
_CS 880-45636/2-A	Lab Control Sample	92	97	
LCS 880-45637/2-A	Lab Control Sample	99	106	
_CSD 880-45635/3-A	Lab Control Sample Dup	129	106	
LCSD 880-45636/3-A	Lab Control Sample Dup	94	97	
_CSD 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	

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Client: NT Global Job ID: 890-3962-1 Project/Site: Pinnacle CTB 35H Lease Road 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

	MB	MB							
Analyte	Result	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
	5	*							
	MB	MB							

Limits

70 - 130

70 - 130

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

Matrix: Solid

Surrogate

Analysis Batch: 45543

4-Bromofluorobenzene (Surr)

1,4-Difluorobenzene (Surr)

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

Analyzed

02/06/23 13:23

02/06/23 13:23

Prepared

01/27/23 12:23

01/27/23 12:23

Dil Fac

Prep Batch: 45550

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

MD MD

%Recovery Qualifier

101

108

Surrogate	%Recovery	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

lient	Samp	ie iD:	Method	Blank

Prep Type: Total/NA

Prep Batch: 45559

	IVID	IVID							
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 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	%Recovery	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

Job ID: 890-3962-1 Project/Site: Pinnacle CTB 35H Lease Road 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

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%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	

LCS LCS

Surrogate	%Recovery Qua	alifier	Limits
4-Bromofluorobenzene (Surr)	115		70 - 130
1.4-Difluorobenzene (Surr)	107		70 - 130

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 45559

Prep Batch: 45559

70 - 130

Analysis Batch: 45546

Lab Sample ID: LCSD 880-45559/2-A

Matrix: Solid

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	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

LCSD LCSD

Surrogate	%Recovery Qualifier	Limits			
4-Bromofluorobenzene (Surr)	111	70 - 130			
1,4-Difluorobenzene (Surr)	108	70 - 130			

Lab Sample ID: 890-3962-2 MS Client Sample ID: TP-1 (2) **Matrix: Solid** Prep Type: Total/NA

0.100

Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene

o-Xylene

Analysis Batch: 45546

Sample	Sample	Spike	MS	MS				%Rec	
Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
 <0.00202	U F2 F1	0.100	0.1009		mg/Kg		101	70 - 130	
<0.00202	U F2 F1	0.100	0.09429		mg/Kg		93	70 - 130	
<0.00202	U F2 F1	0.100	0.08476		mg/Kg		85	70 - 130	
<0.00404	U F1	0.200	0.1824		mg/Kg		90	70 - 130	

mg/Kg

0.08803

MS MS

<0.00202 UF1

Surrogate	%Recovery 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							Prep Batch: 45559				
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	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

Eurofins Carlsbad

Client Sample ID: TP-1 (2)

Prep Type: Total/NA

Page 57 of 120

Project/Site: Pinnacle CTB 35H Lease Road

Client: NT Global

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

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	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

MSD MSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 45560

Lab Sample ID: MB 880-45560/5-A

Matrix: Solid

Analysis Batch: 45650

мв мв

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 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

мв мв

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 Sa	mple
----------------------------------	------

Prep Type: Total/NA

Prep Batch: 45560

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%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	

LCS LCS

Surrogate	%Recovery 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: Lah Contr	ol Sample Dun

Prep Type: Total/NA

Prep Batch: 45560

•	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	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

QC Sample Results

Client: NT Global Job ID: 890-3962-1 Project/Site: Pinnacle CTB 35H Lease Road 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

	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

Client Sample ID: TP-3 (3)

Prep Type: Total/NA Prep Batch: 45560

Prep Batch: 45560

MSD MSD Spike %Rec RPD Sample Sample Limit Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits **RPD** Benzene 0.0996 70 - 130 35 <0.00199 U F1 0.04242 F1 mg/Kg 43 24 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 0.199 m-Xylene & p-Xylene 0.675 F2 F1 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

70 - 130

MSD MSD %Recovery Qualifier Limits Surrogate 158 S1+ 70 - 130 4-Bromofluorobenzene (Surr)

85

Lab Sample ID: MB 880-45561/5-A

Matrix: Solid

Analysis Batch: 45543

1,4-Difluorobenzene (Surr)

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

Client: NT Global Job ID: 890-3962-1

SDG: 236729 Project/Site: Pinnacle CTB 35H Lease Road

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

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%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	

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	86		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

70 - 130

Prep Batch: 45561

2

Lab Sample ID: LCSD 880-45561/2-A **Matrix: Solid**

Analysis Batch: 45543

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	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

0.07360

mg/Kg

0.100

LCSD LCSD

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	78	70 - 130
1.4-Difluorobenzene (Surr)	95	70 - 130

Lab Sample ID: 890-3962-41 MS

Matrix: Solid

o-Xylene

Analysis Batch: 45543

Client Sample ID: TP-5 (1) Prep Type: Total/NA

Prep Batch: 45561

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%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	

MS MS

Surrogate	%Recovery Qualifie	er 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

Clien	t Sample ID: TP-5 (1)	
	Prep Type: Total/NA	

Prep Batch: 45561

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	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

Eurofins Carlsbad

Page 60 of 120

35

Project/Site: Pinnacle CTB 35H Lease Road

Client: NT Global

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

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	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

MSD MSD %Recovery Qualifier Limits Surrogate 4-Bromofluorobenzene (Surr) 70 - 130 100 1,4-Difluorobenzene (Surr) 107 70 - 130

Lab Sample ID: MB 880-45604/5-A Client Sample ID: Method Blank

Matrix: Solid

Analysis Batch: 45648

Prep Type: Total/NA Prep Batch: 45604

	IVID	IVID							
Analyte	Result	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

MR MR Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 4-Bromofluorobenzene (Surr) 70 - 130 02/06/23 13:13 02/07/23 10:58 74 1,4-Difluorobenzene (Surr) 93 70 - 130 02/06/23 13:13 02/07/23 10:58

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

	MD	IVID							
Analyte	Result	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

MR MR

	MB	MB					
Surrogate	%Recovery	Qualifier	Limits	ı	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	76		70 - 130	02/0	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

	Spike	LCS	LCS				%Rec
Analyte	Added	Result	Qualifier	Unit	D	%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

Eurofins Carlsbad

1

Client: NT Global

Job ID: 890-3962-1

SDG: 236729

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

Lab Sample ID: LCS 880-45694/1-A **Matrix: Solid**

Lab Sample ID: LCSD 880-45694/2-A

Project/Site: Pinnacle CTB 35H Lease Road

Analysis Batch: 45648

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 45694

Spike LCS LCS Analyte Added Result Qualifier Unit %Rec Limits o-Xylene 0.100 0.1073 107 70 - 130 mg/Kg

%Rec

LCS LCS

Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 113 70 - 130 70 - 130 1,4-Difluorobenzene (Surr) 87

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Matrix: Solid

Analysis Batch: 45648

Prep Batch: 45694

Limits **RPD** Limit

Spike LCSD LCSD Analyte Added Result Qualifier Unit %Rec Benzene 0.100 0.1154 mg/Kg 115 70 - 130 18 35 Toluene 0.100 0.09911 mg/Kg 99 70 - 130 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 o-Xylene 0.100 0.08738 mg/Kg 87 70 - 130 20

35

LCSD LCSD

Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 85 70 - 130 1,4-Difluorobenzene (Surr) 108 70 - 130

Lab Sample ID: 880-24368-A-1-G MS

Lab Sample ID: 880-24368-A-1-H MSD

Matrix: Solid

Matrix: Solid

Analysis Batch: 45648

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 45694

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%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	

MS MS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	62	S1-	70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 45694

Analysis Batch: 45648

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	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

Client: NT Global Job ID: 890-3962-1 Project/Site: Pinnacle CTB 35H Lease Road

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 Client Sample ID: Method Blank

Matrix: Solid

Analysis Batch: 45737

Prep Type: Total/NA

Prep Batch: 45702

MB MB Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac <0.00200 U 0.00200 02/07/23 13:14 02/08/23 11:26 Benzene mg/Kg Toluene <0.00200 U 0.00200 02/07/23 13:14 02/08/23 11:26 mg/Kg <0.00200 U 0.00200 02/07/23 13:14 02/08/23 11:26 Ethylbenzene mg/Kg m-Xylene & p-Xylene <0.00400 U 0.00400 mg/Kg 02/07/23 13:14 02/08/23 11:26 o-Xylene <0.00200 U 0.00200 02/07/23 13:14 02/08/23 11:26 mg/Kg Xylenes, Total <0.00400 U 0.00400 mg/Kg 02/07/23 13:14 02/08/23 11:26

MB MB Qualifier Limits Dil Fac Surrogate %Recovery Prepared Analyzed 4-Bromofluorobenzene (Surr) 90 70 - 130 02/07/23 13:14 02/08/23 11:26 1,4-Difluorobenzene (Surr) 93 70 - 130 02/07/23 13:14 02/08/23 11:26

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				%Rec		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

%Recovery Qualifier Limits Surrogate 70 - 130 4-Bromofluorobenzene (Surr) 86

Client: NT Global

Job ID: 890-3962-1

SDG: 236729

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

Lab Sample ID: LCSD 880-45702/2-A

Project/Site: Pinnacle CTB 35H Lease Road

Matrix: Solid

Analysis Batch: 45737

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 45702

LCSD LCSD

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

Client Sample ID: Matrix Spike Lab Sample ID: 880-24295-A-40-C MS

Matrix: Solid

Analysis Batch: 45737

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 Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Analysis Batch: 45737

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	Quaimer	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

	МВ	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

мв мв

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

Eurofins Carlsbad

Page 64 of 120

QC Sample Results

Client: NT Global Job ID: 890-3962-1 Project/Site: Pinnacle CTB 35H Lease Road

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

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%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	

LCS LCS

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	123	70 - 130
1,4-Difluorobenzene (Surr)	95	70 - 130

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 45754

Prep Batch: 45754

Lab Sample ID: LCSD 880-45754/2-A **Matrix: Solid** Analysis Batch: 45738

RPD
) Limit
1 35
0 35
3 35
4 35
5 35
3

LCSD LCSD

Surrogate	%Recovery C	Qualifier	Limits
4-Bromofluorobenzene (Surr)	119		70 - 130
1,4-Difluorobenzene (Surr)	92		70 - 130

Lab Sample ID: 890-3962-37 MS Client Sample ID: TP-4 (7) Matrix: Solid Prep Type: Total/NA

Analysis Batch: 45738

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%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	

MS MS

Surrogate	%Recovery (Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 890-3962-37 MSD Client Sample ID: TP-4 (7)

Matrix: Solid

Analysis Batch: 45738									Prep	Batch:	45754
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	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

Eurofins Carlsbad

Prep Type: Total/NA

Client: NT Global

Job ID: 890-3962-1 Project/Site: Pinnacle CTB 35H Lease Road

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

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	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

MSD MSD

Surrogate	%Recovery Qualifie	er 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

	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 16:27	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
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/06/23 16:27	02/07/23 08:36	1
	Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Analyte Result Gasoline Range Organics <50.0 (GRO)-C6-C10 Diesel Range Organics (Over <50.0 C10-C28)	Gasoline Range Organics <50.0 U (GRO)-C6-C10 Diesel Range Organics (Over <50.0 U C10-C28)	Analyte Result Qualifier RL Gasoline Range Organics <50.0	Analyte Result Qualifier RL MDL Gasoline Range Organics <50.0	Analyte Result Qualifier RL MDL Unit Gasoline Range Organics <50.0	Analyte Result Qualifier RL MDL Unit D Gasoline Range Organics <50.0	Analyte Result Qualifier RL MDL Unit D Prepared Gasoline Range Organics <50.0	Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Gasoline Range Organics <50.0

мв мв

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	134	S1+	70 - 130	02/06/23 16:2	7 02/07/23 08:36	1
o-Terphenyl	133	S1+	70 - 130	02/06/23 16:2	7 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

	Spike	LCS	LCS				%Rec		
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics	1000	893.0		mg/Kg		89	70 - 130		_
(GRO)-C6-C10									
Diesel Range Organics (Over	1000	888.5		mg/Kg		89	70 - 130		
C10-C28)									

LCS LCS

Surrogate	%Recovery Qualifi	er 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	ו יחו	lah	Control	Sample	Dun

Prep Type: Total/NA Prep Batch: 45635

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	1000	925.3		mg/Kg	_	93	70 - 130	4	20
(GRO)-C6-C10									
Diesel Range Organics (Over	1000	927.1		mg/Kg		93	70 - 130	4	20
C10-C28)									

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)

LCSD LCSD

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

%Recovery Qualifier Surrogate

Limits 1-Chlorooctane 129 70 - 130 o-Terphenyl 106 70 - 130

Lab Sample ID: 890-3962-1 MS Client Sample ID: TP-1 (1)

Matrix: Solid

Analysis Batch: 45639

Prep Type: Total/NA

Prep Batch: 45635

Sample Sample Spike MS MS %Rec Analyte Result Qualifier Added Result Qualifier Unit D %Rec Limits 250 999 1141 89 70 - 130Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 999 690 1575 mg/Kg 89 70 - 130C10-C28)

> MS MS

%Recovery Surrogate Qualifier Limits 120 70 - 130 1-Chlorooctane 91 70 - 130 o-Terphenyl

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

Limits RPD Limit

Analyte Added Result Qualifier Result Qualifier Unit D %Rec Gasoline Range Organics 250 998 1329 mg/Kg 108 70 - 130 15 20 (GRO)-C6-C10 Diesel Range Organics (Over 690 998 1584 mg/Kg 90 70 - 130 20 C10-C28)

Spike

MSD MSD

MSD MSD

Sample Sample

%Recovery Qualifier Limits Surrogate 70 - 130 1-Chlorooctane 121 o-Terphenyl 93 70 - 130

Lab Sample ID: MB 880-45636/1-A Client Sample ID: Method Blank

Matrix: Solid

Analysis Batch: 45643

Prep Type: Total/NA

Prep Batch: 45636

мв мв

Analyte Result Qualifier RL MDL Unit Prepared Analyzed Dil Fac Gasoline Range Organics <50.0 U 50.0 02/06/23 16:31 02/07/23 19:35 mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over <50.0 U 50.0 mg/Kg 02/06/23 16:31 02/07/23 19:35 C10-C28) OII Range Organics (Over C28-C36) <50.0 U 50.0 mg/Kg 02/06/23 16:31 02/07/23 19:35

мв мв

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

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)

Lab Sample ID: LCS 880-45636/2-A **Client Sample ID: Lab Control Sample Matrix: Solid** Prep Type: Total/NA Analysis Batch: 45643 Prep Batch: 45636

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	1000	966.5		mg/Kg		97	70 - 130	
(GRO)-C6-C10								
Diesel Range Organics (Over	1000	900.5		mg/Kg		90	70 - 130	
C10-C28)								

	LUS	LUS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	92		70 - 130
o-Terphenyl	97		70 - 130

Lab Sample ID: LCSD 880-45636/3-A **Client Sample ID: Lab Control Sample Dup**

Matrix: Solid

Analysis Batch: 45643

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	1000	978.2		mg/Kg		98	70 - 130	1	20
(GRO)-C6-C10									
Diesel Range Organics (Over	1000	905.2		mg/Kg		91	70 - 130	1	20
C10-C28)									

LCSD LCSD %Recovery Qualifier Surrogate Limits 1-Chlorooctane 94 70 - 130 o-Terphenyl 97 70 - 130

Lab Sample ID: 890-3962-21 MS Client Sample ID: TP-3 (1) **Matrix: Solid** Prep Type: Total/NA

Analysis Batch: 45643									Prep	Batch: 45636
	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	74.7		998	967.6		mg/Kg		89	70 - 130	
(GRO)-C6-C10										
Diesel Range Organics (Over	162		998	1045		mg/Kg		89	70 - 130	

C10-C28)

	IVIS IVIS	
Surrogate	%Recovery Qualific	er Limits
1-Chlorooctane	97	70 - 130
o-Terphenyl	95	70 - 130

Lab Sample ID: 890-3962-21 MSD Client Sample ID: TP-3 (1) Prep Type: Total/NA

Matrix: Solid

Analysis Batch: 45643

_											
	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	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
Surrogate	MSD %Recovery	MSD	Limits								

1-Chlorooctane 95 70 - 130

Eurofins Carlsbad

Prep Batch: 45636

Prep Type: Total/NA

Prep Batch: 45636

Project/Site: Pinnacle CTB 35H Lease Road

Client: NT Global 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**

Lab Sample ID: MB 880-45637/1-A

Analysis Batch: 45643

Analysis Batch: 45645

Matrix: Solid

Client Sample ID: TP-3 (1)

Prep Type: Total/NA

Prep Batch: 45636

MSD MSD

Surrogate %Recovery Qualifier Limits o-Terphenyl 93 70 - 130

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 45637

мв мв

Analyte Result Qualifier RL MDL Unit Prepared Analyzed Dil Fac Gasoline Range Organics <50.0 U 50.0 mg/Kg 02/06/23 16:34 02/07/23 19:35 (GRO)-C6-C10 Diesel Range Organics (Over <50.0 U 50.0 mg/Kg 02/06/23 16:34 02/07/23 19:35 C10-C28) Oll Range Organics (Over C28-C36) <50.0 U 50.0 mg/Kg 02/06/23 16:34 02/07/23 19:35

мв мв

Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 109 70 - 130 02/06/23 16:34 02/07/23 19:35 1-Chlorooctane 124 70 - 130 02/06/23 16:34 02/07/23 19:35 o-Terphenyl

Client Sample ID: Lab Control Sample

Matrix: Solid

Analysis Batch: 45645

Lab Sample ID: LCS 880-45637/2-A

Lab Sample ID: LCSD 880-45637/3-A

Prep Type: Total/NA Prep Batch: 45637

Spike LCS LCS Analyte Added Result Qualifier Unit %Rec Limits D Gasoline Range Organics 999 868.1 mg/Kg 87 70 - 130 (GRO)-C6-C10 Diesel Range Organics (Over 999 838.1 mg/Kg 84 70 - 130

C10-C28)

LCS LCS

Surrogate	%Recovery Q	ualifier	Limits
1-Chlorooctane	99		70 - 130
o-Terphenyl	106		70 - 130

Client Sample ID: Lab Control Sample Dup

Matrix: Solid Prep Type: Total/NA Analysis Batch: 45645 Prep Batch: 45637

%Rec

LCSD LCSD RPD Spike Analyte Added Result Qualifier Unit %Rec Limits RPD Limit 1000 857.2 86 Gasoline Range Organics mg/Kg 70 - 130 20 (GRO)-C6-C10 Diesel Range Organics (Over 1000 864.9 mg/Kg 86 70 - 130 20 C10-C28)

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	96		70 - 130
o-Terphenyl	102		70 - 130

QC Sample Results

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)

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

Prep Type: Total/NA

13

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	<49.9	U	998	934.8		mg/Kg		94	70 - 130	
(GRO)-C6-C10										
Diesel Range Organics (Over	<49.9	U	998	979.6		mg/Kg		96	70 - 130	
C10-C28)										

MS MS Qualifier Limits Surrogate %Recovery 1-Chlorooctane 70 - 130 99 o-Terphenyl 101 70 - 130

Lab Sample ID: 890-3962-41 MSD Client Sample ID: TP-5 (1)

mg/Kg

109

70 - 130

Matrix: Solid

(GRO)-C6-C10

Analysis Batch: 45645

Diesel Range Organics (Over

Prep Batch: 45637 Spike MSD MSD %Rec RPD Sample Sample Analyte Result Qualifier Added Result Qualifier Unit D %Rec Limits **RPD** Limit 999 105 Gasoline Range Organics <49.9 U 1049 mg/Kg 70 - 130 12 20

1112

999

C10-C28) MSD MSD Limits

<49.9 U

Surrogate %Recovery Qualifier 1-Chlorooctane 116 70 - 130 114 70 - 130 o-Terphenyl

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-44975/1-A Client Sample ID: Method Blank **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 45158

MB MB

Analyte Result Qualifier MDL Unit RL Prepared Analyzed Dil Fac Chloride <5.00 U 5.00 01/31/23 10:51 mg/Kg

Lab Sample ID: LCS 880-44975/2-A Client Sample ID: Lab Control Sample

Matrix: Solid

Analysis Batch: 45158

LCS LCS Spike %Rec Analyte Added Result Qualifier Unit D %Rec Limits Chloride 250 257.8 103 90 - 110 mg/Kg

Lab Sample ID: LCSD 880-44975/3-A Client Sample ID: Lab Control Sample Dup Matrix: Solid **Prep Type: Soluble**

Analysis Batch: 45158

Spike LCSD LCSD %Rec RPD Analyte Added Result Qualifier D %Rec Limits RPD Limit Unit Chloride 250 250.2 100 mg/Kg 90 _ 110 20

Eurofins Carlsbad

Released to Imaging: 12/21/2023 8:30:33 AM

20

Prep Type: Soluble

Client Sample ID: Matrix Spike

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Prep Type: Soluble

QC Sample Results

Client: NT Global Job ID: 890-3962-1 Project/Site: Pinnacle CTB 35H Lease Road SDG: 236729

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-24111-A-8-B MS

Analysis Batch: 45158

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	564	F1	250	805.0		mg/Kg		96	90 - 110	

Lab Sample ID: 880-24111-A-8-C MSD Client Sample ID: Matrix Spike Duplicate **Prep Type: Soluble**

Matrix: Solid

Matrix: Solid

Analysis Batch: 45158

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	564	F1	250	786.3	F1	mg/Kg		89	90 - 110	2	20

Lab Sample ID: MB 880-45091/1-A Client Sample ID: Method Blank **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 45159

мв мв

Analyte	Result	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 **Client Sample ID: Lab Control Sample Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 45159

		Spike	LCS	LCS				%Rec	
Analyte		Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride		250	242.5		mg/Kg	_	97	90 - 110	

Lab Sample ID: LCSD 880-45091/3-A

Matrix: Solid

Analysis Batch: 45159

	Spike	LCSD	LUGD				/ortec		KFD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Chloride	250	242.2		mg/Kg		97	90 - 110	0	20	

Lab Sample ID: 890-3962-13 MS Client Sample ID: TP-2 (3) **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 45159

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	17.0		249	271.0		mg/Kg		102	90 - 110	

Lab Sample ID: 890-3962-13 MSD Client Sample ID: TP-2 (3) **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 45159

7											
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	17.0		249	272.0		mg/Kg		102	90 - 110	0	20

Lab Sample ID: 890-3962-23 MS Client Sample ID: TP-3 (3)

Matrix: Solid

Analysis Batch: 45159

Analysis Daton. 40100										
	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	22.6		249	290.5		mg/Kg		108	90 - 110	

Eurofins Carlsbad

Prep Type: Soluble

Client: NT Global Job ID: 890-3962-1 Project/Site: Pinnacle CTB 35H Lease Road

SDG: 236729

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-3962-23 MSD Client Sample ID: TP-3 (3) **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 45159

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	22.6		249	290.6		mg/Kg		108	90 - 110	0	20

Lab Sample ID: MB 880-45079/1-A Client Sample ID: Method Blank **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 45160

MB MB MDL Unit Analyte Result Qualifier RL Prepared Analyzed Dil Fac Chloride <5.00 U 5.00 mg/Kg 01/31/23 15:06

Lab Sample ID: LCS 880-45079/2-A **Client Sample ID: Lab Control Sample Matrix: Solid Prep Type: Soluble**

Analysis Batch: 45160

		Бріке	LCS	LCS				%Rec	
Analyte		Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride		250	210.4	*_	mg/Kg	_	84	90 - 110	

Lab Sample ID: LCSD 880-45079/3-A Client Sample ID: Lab Control Sample Dup **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 45160

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	250	253.1		mg/Kg		101	90 - 110	18	20

Lab Sample ID: 890-3962-36 MS Client Sample ID: TP-4 (6) **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 45160

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	7.38	*_	251	272.3	-	ma/Ka		106	90 - 110	

Lab Sample ID: 890-3962-36 MSD Client Sample ID: TP-4 (6) **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 45160

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Chloride	7.38	*_	251	258.4		mg/Kg	_	100	90 - 110	5	20	

Lab Sample ID: 890-3962-46 MS Client Sample ID: TP-5 (6)

Matrix: Solid

Analysis Batch: 45160

	Sample Sample	Spike	MS	MS				%Rec
Analyte	Result Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
Chloride	23.5 *-	249	287.4		mg/Kg		106	90 - 110

Lab Sample ID: 890-3962-46 MSD Client Sample ID: TP-5 (6) **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 45160											
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	23.5	*_	249	279.8		mg/Kg		103	90 - 110	3	20

Eurofins Carlsbad

Prep Type: Soluble

Job ID: 890-3962-1

Prep Type: Soluble

Prep Type: Soluble

Prep Type: Soluble

Prep Type: Soluble

Client Sample ID: TP-1 (3)

Client Sample ID: TP-1 (3) **Prep Type: Soluble**

Client Sample ID: Method Blank

Client Sample ID: Lab Control Sample

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Prep Type: Soluble

Prep Type: Soluble

Client Sample ID: Method Blank

Client Sample ID: Lab Control Sample

Client Sample ID: Lab Control Sample Dup

Client: NT Global Project/Site: Pinnacle CTB 35H Lease Road SDG: 236729

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-45088/1-A

Matrix: Solid

Analysis Batch: 45161

MB MB

Analyte Result Qualifier RLMDL Unit D Prepared Analyzed Dil Fac Chloride <5.00 U 5.00 mg/Kg 01/31/23 15:16

Lab Sample ID: LCS 880-45088/2-A

Matrix: Solid

Analysis Batch: 45161

Spike LCS LCS %Rec Added Analyte Result Qualifier Unit D %Rec Limits Chloride 250 253.8 mg/Kg 102 90 - 110

Lab Sample ID: LCSD 880-45088/3-A

Matrix: Solid

Analysis Batch: 45161

LCSD LCSD RPD Spike %Rec Analyte Added Result Qualifier Unit D %Rec Limits RPD Limit Chloride 253.2 250 mg/Kg 101 90 - 110

Lab Sample ID: 890-3962-3 MS

Matrix: Solid

Analysis Batch: 45161

MS MS Spike %Rec Sample Sample Added %Rec Analyte Result Qualifier Result Qualifier Unit D Limits Chloride 134 249 388.8 102 90 - 110 mg/Kg

Lab Sample ID: 890-3962-3 MSD

Matrix: Solid

Analysis Batch: 45161

Sample Sample Spike MSD MSD %Rec RPD Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits RPD Limit Chloride 134 249 388.5 mg/Kg 102 90 - 110

Lab Sample ID: MB 880-45078/1-A

Matrix: Solid

Analysis Batch: 45243

мв мв

Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac Chloride <5.00 5.00 mg/Kg 02/01/23 13:13

Lab Sample ID: LCS 880-45078/2-A

Matrix: Solid

Analysis Batch: 45243

LCS LCS %Rec Spike Added Result Qualifier Limits Analyte Unit %Rec Chloride 250 252.0 mg/Kg 101 90 - 110

Lab Sample ID: LCSD 880-45078/3-A

Matrix: Solid

Analysis Batch: 45243

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

QC Sample Results

Job ID: 890-3962-1 Client: NT Global Project/Site: Pinnacle CTB 35H Lease Road SDG: 236729

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-3962-56 MS **Client Sample ID: H-6 (0-0.5") Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 45243

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%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

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	<5.01	U	251	258.9		mg/Kg		103	90 - 110	0	20

Client: NT Global Job ID: 890-3962-1 Project/Site: Pinnacle CTB 35H Lease Road

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 (00.5')	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

Client: NT Global Job ID: 890-3962-1 Project/Site: Pinnacle CTB 35H Lease Road 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	

Client: NT Global Job ID: 890-3962-1 Project/Site: Pinnacle CTB 35H Lease Road

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 (00.5')	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

Eurofins Carlsbad

Released to Imaging: 12/21/2023 8:30:33 AM

Client: NT Global Job ID: 890-3962-1
Project/Site: Pinnacle CTB 35H Lease Road 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 Batc
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	

Eurofins Carlsbad

2

3

7

0

10

13

14

Client: NT Global Job ID: 890-3962-1 Project/Site: Pinnacle CTB 35H Lease Road SDG: 236729

GC VOA (Continued)

Analysis Batch: 45659 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batcl
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	
390-3962-45	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	
390-3962-50	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 (00.5')	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

Client: NT Global Job ID: 890-3962-1
Project/Site: Pinnacle CTB 35H Lease Road 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 Batcl
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	

Eurofins Carlsbad

-

3

4

6

8

10

4.0

13

14

0/0/0000

Client: NT Global Job ID: 890-3962-1 Project/Site: Pinnacle CTB 35H Lease Road 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 Batc
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	

Client: NT Global Job ID: 890-3962-1
Project/Site: Pinnacle CTB 35H Lease Road SDG: 236729

GC Semi VOA

Prep Batch: 45637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batcl
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 (00.5')	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

Eurofins Carlsbad

2

3

_

8

9

11

13

14

Released to Imaging: 12/21/2023 8:30:33 AM

Client: NT Global Job ID: 890-3962-1 Project/Site: Pinnacle CTB 35H Lease Road 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
İ	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 Batcl
890-3962-41	TP-5 (1)	Total/NA	Solid	8015B NM	4563
890-3962-42	TP-5 (2)	Total/NA	Solid	8015B NM	4563
890-3962-43	TP-5 (3)	Total/NA	Solid	8015B NM	4563
890-3962-44	TP-5 (4)	Total/NA	Solid	8015B NM	4563
890-3962-45	TP-5 (5)	Total/NA	Solid	8015B NM	4563
890-3962-46	TP-5 (6)	Total/NA	Solid	8015B NM	4563
890-3962-47	TP-5 (7)	Total/NA	Solid	8015B NM	4563
890-3962-48	TP-5 (8)	Total/NA	Solid	8015B NM	4563
890-3962-49	TP-5 (9)	Total/NA	Solid	8015B NM	4563
890-3962-50	TP-5 (10)	Total/NA	Solid	8015B NM	4563
890-3962-51	H-1 (0-0.5')	Total/NA	Solid	8015B NM	4563
390-3962-52	H-2 (0-0.5')	Total/NA	Solid	8015B NM	4563
390-3962-53	H-3 (0-0.5"	Total/NA	Solid	8015B NM	4563
390-3962-54	H-4 (0-0.5')	Total/NA	Solid	8015B NM	4563
890-3962-55	H-5 (0-0.5')	Total/NA	Solid	8015B NM	4563
890-3962-56	H-6 (0-0.5")	Total/NA	Solid	8015B NM	4563
890-3962-57	H-7 (0-0.5')	Total/NA	Solid	8015B NM	4563
890-3962-58	H-8 (00.5')	Total/NA	Solid	8015B NM	4563

Eurofins Carlsbad

2/9/2023

Client: NT Global Job ID: 890-3962-1
Project/Site: Pinnacle CTB 35H Lease Road 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 Batc
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	
390-3962-21	TP-3 (1)	Total/NA	Solid	8015 NM	
390-3962-22	TP-3 (2)	Total/NA	Solid	8015 NM	
390-3962-23	TP-3 (3)	Total/NA	Solid	8015 NM	
890-3962-24	TP-3 (4)	Total/NA	Solid	8015 NM	
390-3962-25	TP-3 (5)	Total/NA	Solid	8015 NM	
390-3962-26	TP-3 (6)	Total/NA	Solid	8015 NM	
390-3962-27	TP-3 (7)	Total/NA	Solid	8015 NM	
390-3962-28	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	
390-3962-31	TP-4 (1)	Total/NA	Solid	8015 NM	
390-3962-32	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	

Eurofins Carlsbad

3

4

6

Ω

9

11

13

14

Client: NT Global Job ID: 890-3962-1 Project/Site: Pinnacle CTB 35H Lease Road 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 (00.5')	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 (00.5')	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	

Client: NT Global Job ID: 890-3962-1
Project/Site: Pinnacle CTB 35H Lease Road 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 Batcl
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	

Client: NT Global Job ID: 890-3962-1 Project/Site: Pinnacle CTB 35H Lease Road

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

Eurofins Carlsbad

Page 87 of 120

Client: NT Global Job ID: 890-3962-1
Project/Site: Pinnacle CTB 35H Lease Road 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

Eurofins Carlsbad

3

4

6

8

10

12

13

М

Client: NT Global Job ID: 890-3962-1
Project/Site: Pinnacle CTB 35H Lease Road 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 (00.5')	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

Eurofins Carlsbad

1

3

Л

R

9

11

12

14

Client: NT Global

Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1 SDG: 236729

Lab Sample ID: 890-3962-1

Client Sample ID: TP-1 (1)

Date Collected: 01/25/23 12:00 Date Received: 01/26/23 10:38 Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

Lab Sample ID: 890-3962-2

Date Collected: 01/25/23 12:00 Date Received: 01/26/23 10:38

Client Sample ID: TP-1 (2)

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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) Lab Sample ID: 890-3962-3

Date Collected: 01/25/23 12:00 Date Received: 01/26/23 10:38 Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

Project/Site: Pinnacle CTB 35H Lease Road

Client Sample ID: TP-1 (4)

Lab Sample ID: 890-3962-4

Date Collected: 01/25/23 12:00 Date Received: 01/26/23 10:38

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

Lab Sample ID: 890-3962-5

Client Sample ID: TP-1 (5) Date Collected: 01/25/23 12:00 Matrix: Solid

Date Received: 01/26/23 10:38

Batch Dil Initial Final Batch Batch Prepared Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab 5035 Total/NA Prep 5.01 g 5 mL 45559 02/06/23 10:09 MNR EET MID Total/NA 8021B 5 mL 02/07/23 02:29 **EET MID** Analysis 1 5 mL 45546 MNR Total/NA Total BTEX 45659 02/07/23 09:22 SM Analysis **EET MID** 1 Total/NA Analysis 8015 NM 45740 02/08/23 08:45 **EET MID** Total/NA 45635 02/06/23 16:27 Prep 8015NM Prep 10.02 g 10 mL A.I EET MID Total/NA Analysis 8015B NM 1 uL 1 uL 45639 02/07/23 13:09 AJ **EET MID** Soluble 5.03 g 01/30/23 16:07 KS Leach DI Leach 50 mL 45088 EET MID Soluble Analysis 300.0 5 45161 01/31/23 17:26 СН **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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

Client: NT Global

Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1

SDG: 236729

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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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 **Matrix: Solid**

Date Collected: 01/25/23 12:00 Date Received: 01/26/23 10:38

Prep Type

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Soluble

Soluble

Batch

Type

Prep

Analysis

Analysis

Analysis

Analysis

Analysis

Leach

Prep

Batch

5035

8021B

Total BTEX

8015NM Prep

8015B NM

DI Leach

300.0

8015 NM

Method

Dil Initial Final Batch Prepared Amount Amount Number Run Factor or Analyzed Analyst Lab 02/06/23 10:09 5.03 g 5 mL 45559 MNR **EET MID** 5 mL 5 mL 45546 02/07/23 03:30 MNR **EET MID** 1 1 45659 02/07/23 09:22 SM **EET MID** 45740 02/08/23 08:45 **EET MID** AJ 10.01 g 10 mL 45635 02/06/23 16:27 AJ **EET MID** 1 uL 45639 02/07/23 14:13 **EET MID** 1 uL AJ

45088

45161

01/30/23 16:07

01/31/23 18:30

KS

СН

50 mL

Client Sample ID: TP-1 (9) Lab Sample ID: 890-3962-9 Date Collected: 01/25/23 12:00 **Matrix: Solid**

1

5.05 g

Date Received: 01/26/23 10:38

Batch Batch Dil Initial Final Batch Prepared **Prep Type** Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab Total/NA Prep 5035 4.99 g 5 mL 45559 02/06/23 10:09 MNR EET MID Total/NA 8021B 5 mL 5 mL 45546 02/07/23 03:51 MNR **EET MID** Analysis 1 Total/NA Analysis Total BTEX 1 45659 02/07/23 09:22 SM **EET MID** Total/NA Analysis 8015 NM 45740 02/08/23 08:45 AJ **EET MID** 1 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 uL 1 uL 45639 02/07/23 14:34 AJ **EET MID** 1 Soluble Leach DI Leach 4.95 g 50 mL 45088 01/30/23 16:07 KS **EET MID** Soluble Analysis 300.0 45161 01/31/23 18:37 СН FFT MID 1

Client Sample ID: TP-1 (10) Lab Sample ID: 890-3962-10

Date Collected: 01/25/23 12:00 Date Received: 01/26/23 10:38

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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 Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	10.00 g 1 uL	10 mL 1 uL	45635 45639	02/06/23 16:27 02/07/23 14:55	AJ AJ	EET MID EET MID

Eurofins Carlsbad

Page 92 of 120

EET MID

EET MID

Matrix: Solid

Client: NT Global

Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1

SDG: 236729

Client Sample ID: TP-1 (10)

Date Collected: 01/25/23 12:00 Date Received: 01/26/23 10:38

Client Sample ID: TP-2 (1)

Date Collected: 01/25/23 12:00

Date Received: 01/26/23 10:38

Lab Sample ID: 890-3962-10

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

Lab Sample ID: 890-3962-11

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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)

Date Collected: 01/25/23 12:00

Date Received: 01/26/23 10:38

Lab Sample ID: 890-3962-12

Matrix: Solid

Batch	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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)

Date Collected: 01/25/23 12:00

Date Received: 01/26/23 10:38

Lab Sample ID: 890-3962-13

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1

SDG: 236729

Client Sample ID: TP-2 (3)

Date Collected: 01/25/23 12:00 Date Received: 01/26/23 10:38

Date Received: 01/26/23 10:38

Lab Sample ID: 890-3962-13

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

Batch Batch Dil Initial Final Batch Prepared **Prep Type** Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab Total/NA 5035 5.02 g 45559 02/06/23 10:09 MNR EET MID Prep 5 mL Total/NA 8021B 5 mL 5 mL 02/07/23 07:23 MNR Analysis 1 45546 **EET MID** Total/NA Total BTEX 45659 02/07/23 09:22 Analysis 1 SM **EET MID** Total/NA Analysis 8015 NM 45740 02/08/23 08:45 ΑJ **EET MID** Total/NA 45635 02/06/23 16:27 EET MID Prep 8015NM Prep 10.03 g 10 mL AJ Total/NA 8015B NM 1 uL 02/07/23 17:02 **EET MID** Analysis 1 uL 45639 AJ Soluble DI Leach 5 g 50 mL 45091 01/30/23 16:10 KS **EET MID** Leach Analysis 300.0 45159 01/31/23 12:06 СН **EET MID** Soluble 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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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 Date Received: 01/26/23 10:38

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

Eurofins Carlsbad

Matrix: Solid

Client Sample ID: TP-2 (7)

Date Collected: 01/25/23 12:00 Date Received: 01/26/23 10:38

Lab Sample ID: 890-3962-17

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

Lab Sample ID: 890-3962-18

Matrix: Solid

Date Collected: 01/25/23 12:00 Date Received: 01/26/23 10:38

Client Sample ID: TP-2 (8)

Batch Dil Initial Final Batch Batch Prepared Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab 5035 Total/NA Prep 5.02 g 5 mL 45559 02/06/23 10:09 MNR EET MID Total/NA 8021B 5 mL 02/07/23 08:45 **EET MID** Analysis 1 5 mL 45546 MNR Total/NA Total BTEX 45659 02/07/23 09:22 SM Analysis **EET MID** 1 Total/NA Analysis 8015 NM 45740 02/08/23 08:45 **EET MID** Total/NA 45635 02/06/23 16:27 Prep 8015NM Prep 10.04 g 10 mL A.I EET MID Total/NA Analysis 8015B NM 1 uL 1 uL 45639 02/07/23 18:26 AJ **EET MID** Soluble 5.03 g 01/30/23 16:10 KS Leach DI Leach 50 mL 45091 **EET MID** Soluble Analysis 300.0 45159 01/31/23 12:43 СН **EET MID**

Client Sample ID: TP-2 (9)

Date Collected: 01/25/23 12:00 Date Received: 01/26/23 10:38

Lab Sample ID: 890-3962-19

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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)

Date Collected: 01/25/23 12:00

Date Received: 01/26/23 10:38

Lab Sample ID: 890-3962-20

_											
	Batch	Batch		Dil	Initial	Final	Batch	Prepared			
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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	

Eurofins Carlsbad

Matrix: Solid

Matrix: Solid

Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1

SDG: 236729

Client Sample ID: TP-2 (10)

Date Collected: 01/25/23 12:00 Date Received: 01/26/23 10:38

Lab Sample ID: 890-3962-20

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

Lab Sample ID: 890-3962-21

Client Sample ID: TP-3 (1) Date Collected: 01/25/23 12:00 **Matrix: Solid**

Date Received: 01/26/23 10:38

Batch Batch Dil Initial Final Batch Prepared Prep Type Method Amount Amount Number or Analyzed Type Run Factor Analyst Lab Prep 5035 Total/NA 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 Total BTEX Analysis 1 45659 02/08/23 11:09 SM **EET MID** Total/NA Analysis 8015 NM 45740 02/08/23 09:40 EET MID AJ 1 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 uL 1 uL 45643 02/07/23 20:42 SM **EET MID** 1 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 СН **EET MID**

Client Sample ID: TP-3 (2) Lab Sample ID: 890-3962-22

Run

Dil

Factor

Initial

Amount

4.98 g

Final

Amount

5 mL

Batch

45560

Number

Date Collected: 01/25/23 12:00

Date Received: 01/26/23 10:38

Prep Type

Total/NA

Batch

Туре

Prep

Batch

Method

5035

_			
	Prepared		
	or Analyzed	Analyst	Lab
	02/06/23 10:35	MNR	EET MID
	02/07/23 18:16	MNR	EET MID
	02/08/23 13:14	MNR	EET MID

Total/NA	Analysis	8021B	25	5 mL	5 mL	45650	02/07/23 18:16	MNR	EET MID
Total/NA Total/NA	Prep	5035 8021B	200	4.98 g	5 mL 5 mL	45702 45737	02/08/23 13:14 02/08/23 18:25	MNR MNR	EET MID EET MID
Total/NA	Analysis Analysis	Total BTEX	200	5 mL	5 IIIL	45757	02/08/23 16:25	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)

Date Collected: 01/25/23 12:00

Date Received: 01/26/23 10:38

Lab Sample ID: 890-3962-23

Matrix: Solid

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1

SDG: 236729

Client Sample ID: TP-3 (3)

Date Collected: 01/25/23 12:00 Date Received: 01/26/23 10:38 Lab Sample ID: 890-3962-23

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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 Date Received: 01/26/23 10:38

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

Matrix: Solid

Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1

SDG: 236729

Client Sample ID: TP-3 (6)

Date Collected: 01/25/23 12:00 Date Received: 01/26/23 10:38 Lab Sample ID: 890-3962-26

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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 Date Received: 01/26/23 10:38 **Matrix: Solid**

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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 **Matrix: Solid**

Date Collected: 01/25/23 12:00 Date Received: 01/26/23 10:38

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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)

Date Collected: 01/25/23 12:00

Date Received: 01/26/23 10:38

Lab Sample ID: 890-3962-29

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

Eurofins Carlsbad

Project/Site: Pinnacle CTB 35H Lease Road

Client: NT Global

Date Collected: 01/25/23 12:00 Date Received: 01/26/23 10:38

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

Client Sample ID: TP-4 (1) Lab Sample ID: 890-3962-31

45158

01/31/23 12:51 CH

Matrix: Solid

EET MID

Analysis

300.0

Soluble

Date Collected: 01/25/23 12:00 Date Received: 01/26/23 10:38

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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 Date Received: 01/26/23 10:38

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

Eurofins Carlsbad

Page 99 of 120

Matrix: Solid

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

Batch Batch Dil Initial Final Batch Prepared Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab Total/NA 8015 NM 45740 Analysis 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 uL 1 uL 45643 02/08/23 02:15 SM EET MID Soluble 4.99 g 50 mL 44975 01/29/23 17:51 Leach DI Leach KS EET MID 300.0 45158 01/31/23 13:05 Soluble Analysis 1 СН **EET MID**

Lab Sample ID: 890-3962-34

Lab Sample ID: 890-3962-35

Matrix: Solid

Matrix: Solid

Client Sample ID: TP-4 (4) Date Collected: 01/25/23 12:00 Date Received: 01/26/23 10:38

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

_			
	Prepared		
	or Analyzed	Analyst	Lab
	00/00/00 00 50	MAND	FEETAND

Lab Sample ID: 890-3962-36

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

Matrix: Solid

Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1

SDG: 236729

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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

Lab Sample ID: 890-3962-37

Matrice Callet

Matrix: Solid

Client Sample ID: TP-4 (7)
Date Collected: 01/25/23 12:00
Date Received: 01/26/23 10:38

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

Matrix: Solid

Date Collected: 01/25/23 12:00 Date Received: 01/26/23 10:38

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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)

Date Collected: 01/25/23 12:00

Lab Sample ID: 890-3962-39

Matrix: Solid

Date Received: 01/26/23 10:38

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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 Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	10.02 g 1 uL	10 mL 1 uL	45636 45643	02/06/23 16:31 02/08/23 04:27	AJ SM	EET MID EET MID

Eurofins Carlsbad

Released to Imaging: 12/21/2023 8:30:33 AM

3

5

7

ŏ

10

16

14

-38 olid

00 2062 20

Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1

SDG: 236729

Client Sample ID: TP-4 (9)

Date Collected: 01/25/23 12:00 Date Received: 01/26/23 10:38 Lab Sample ID: 890-3962-39

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

Date Received: 01/26/23 10:38

Matrix: Colid

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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)

Date Collected: 01/25/23 12:00

Date Received: 01/26/23 10:38

Lab Sample ID: 890-3962-42

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

Project/Site: Pinnacle CTB 35H Lease Road

Client Sample ID: TP-5 (3)

Client: NT Global

Date Collected: 01/25/23 12:00 Date Received: 01/26/23 10:38 Lab Sample ID: 890-3962-43

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

Lab Sample ID: 890-3962-44

Matrix: Solid

Date Collected: 01/25/23 12:00 Date Received: 01/26/23 10:38

Client Sample ID: TP-5 (4)

Batch Batch Dil Initial Final Batch Prepared Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab Prep 5035 Total/NA 5.03 g 5 mL 45561 02/06/23 10:37 MNR EET MID Total/NA 8021B 5 mL 02/07/23 02:57 **EET MID** Analysis 1 5 mL 45543 MNR Total/NA Total BTEX 45659 02/07/23 09:28 SM Analysis 1 **EET MID** Total/NA Analysis 8015 NM 45740 02/08/23 09:23 **EET MID** Total/NA 10.01 g 45637 02/06/23 16:34 Prep 8015NM Prep 10 mL A.I EET MID Total/NA Analysis 8015B NM 1 uL 1 uL 45645 02/07/23 22:32 SM **EET MID** Soluble 45079 01/30/23 15:53 KS Leach DI Leach 5 g 50 mL **EET MID** Soluble Analysis 300.0 45160 01/31/23 16:18 СН **EET MID**

Client Sample ID: TP-5 (5)

Date Collected: 01/25/23 12:00 Date Received: 01/26/23 10:38

Lab Sample ID: 890-3962-45

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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)

Date Collected: 01/25/23 12:00

Date Received: 01/26/23 10:38

Lab Sample ID:	890-3962-46
	Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

Eurofins Carlsbad

Page 103 of 120

Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1

SDG: 236729

Client Sample ID: TP-5 (6)

Date Collected: 01/25/23 12:00 Date Received: 01/26/23 10:38 Lab Sample ID: 890-3962-46

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

Lab Sample ID: 890-3962-47

Matrix: Solid

Client Sample ID: TP-5 (7) Date Collected: 01/25/23 12:00 Date Received: 01/26/23 10:38

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

Lab Sample ID: 890-3962-49 Client Sample ID: TP-5 (9)

Date Received: 01/26/23 10:38

Date Collected: 01/25/23 12:00

_	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

Eurofins Carlsbad

Matrix: Solid

Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1

SDG: 236729

Client Sample ID: TP-5 (9)

Date Collected: 01/25/23 12:00 Date Received: 01/26/23 10:38 Lab Sample ID: 890-3962-49

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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')

Date Collected: 01/25/23 12:00

Date Received: 01/26/23 10:38

Lab Sample ID: 890-3962-51

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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')

Date Collected: 01/25/23 12:00

Date Received: 01/26/23 10:38

01/31/23 17:11	CH	EET MID
Lab Samp	ole ID:	890-3962-52
		Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

Eurofins Carlsbad

Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1

SDG: 236729

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

Date Collected: 01/25/23 12:00 Date Received: 01/26/23 10:38 Lab Sample ID: 890-3962-53

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

Date Received: 01/26/23 10:38

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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')

Date Collected: 01/25/23 12:00

Date Received: 01/26/23 10:38

Lab Sample ID: 890-3962-55

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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")

Released to Imaging: 12/21/2023 8:30:33 AM

Date Collected: 01/25/23 12:00

Date Received: 01/26/23 10:38

Lab Sample ID: 890-3962-	56
Matrix: So	lid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

Project/Site: Pinnacle CTB 35H Lease Road

Job ID: 890-3962-1

SDG: 236729

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

Date Collected: 01/25/23 12:00 Date Received: 01/26/23 10:38 Lab Sample ID: 890-3962-56

Matrix: Solid

Matrix: Solid

Matrix: Solid

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

Lab Sample ID: 890-3962-57 **Client Sample ID: H-7 (0-0.5')**

Date Collected: 01/25/23 12:00

Date Received: 01/26/23 10:38

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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 Date Received: 01/26/23 10:38

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

Lab Sample ID: 890-3962-59 **Client Sample ID: H-9 (0-0.5')**

Date Collected: 01/25/23 12:00 Date Received: 01/26/23 10:38

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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 Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	10.03 g 1 uL	10 mL 1 uL	45637 45645	02/06/23 16:34 02/08/23 04:27	AJ SM	EET MID EET MID

Eurofins Carlsbad

Page 107 of 120

Lab Chronicle

Client: NT Global Job ID: 890-3962-1 Project/Site: Pinnacle CTB 35H Lease Road SDG: 236729

Client Sample ID: H-9 (0-0.5') Lab Sample ID: 890-3962-59

Matrix: Solid

Date Collected: 01/25/23 12:00 Date Received: 01/26/23 10:38

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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') Lab Sample ID: 890-3962-60

Date Collected: 01/25/23 12:00 **Matrix: Solid**

Date Received: 01/26/23 10:38

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

Page 108 of 120 2/9/2023 Released to Imaging: 12/21/2023 8:30:33 AM

Accreditation/Certification Summary

Client: NT Global Job ID: 890-3962-1 Project/Site: Pinnacle CTB 35H Lease Road

SDG: 236729

Laboratory: Eurofins Midland

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

Authority Texas		rogram	Identification Number	Expiration Date
		ELAP	T104704400-22-25	06-30-23
The following analytes the agency does not of	• •	ut the laboratory is not certif	ied by the governing authority. This list ma	ay include analytes fo
Analysis Method	Prep Method	Matrix	Analyte	
8015 NM		Solid	Total TPH	
Total BTEX		Solid	Total BTEX	

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

Eurofins Carlsbad

2

5

7

10

_

13

14

Sample Summary

Collected

01/25/23 12:00

01/25/23 12:00

01/25/23 12:00

01/25/23 12:00

01/25/23 12:00

01/25/23 12:00

01/25/23 12:00

01/25/23 12:00

01/25/23 12:00

01/25/23 12:00

01/25/23 12:00

01/25/23 12:00

01/25/23 12:00

01/25/23 12:00

01/25/23 12:00

01/25/23 12:00

01/25/23 12:00

01/25/23 12:00

01/25/23 12:00

01/26/23 10:38

01/26/23 10:38

01/26/23 10:38

01/26/23 10:38

01/26/23 10:38

01/26/23 10:38 01/26/23 10:38

01/26/23 10:38

01/26/23 10:38

01/26/23 10:38

01/26/23 10:38

01/26/23 10:38

01/26/23 10:38

01/26/23 10:38

01/26/23 10:38

01/26/23 10:38

01/26/23 10:38

01/26/23 10:38

Received 01/26/23 10:38

Matrix

Solid

Client: NT Global

Lab Sample ID

890-3962-1

890-3962-37

890-3962-38

890-3962-39

890-3962-40

890-3962-41

890-3962-42

890-3962-43

890-3962-44

890-3962-45

890-3962-46

890-3962-47

890-3962-48

890-3962-49

890-3962-50

890-3962-51

890-3962-52

890-3962-53

890-3962-54

Project/Site: Pinnacle CTB 35H Lease Road

TP-1 (1)

Client Sample ID

Job ID: 890-3962-1 SDG: 236729

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

Solid

TP-4 (7)

TP-4 (8)

TP-4 (9)

TP-4 (10)

TP-5 (1)

TP-5 (2)

TP-5 (3)

TP-5 (4)

TP-5 (5)

TP-5 (6)

TP-5 (7)

TP-5 (8)

TP-5 (9)

TP-5 (10)

H-1 (0-0.5')

H-2 (0-0.5')

H-3 (0-0.5"

H-4 (0-0.5')

H-8 (0--0.5')

H-9 (0-0.5')

H-10 (0-0.5')

890-3962-58

890-3962-59

890-3962-60

Sample Summary

Client: NT Global Job ID: 890-3962-1 Project/Site: Pinnacle CTB 35H Lease Road SDG: 236729

01/25/23 12:00

01/25/23 12:00

01/25/23 12:00

01/26/23 10:38

01/26/23 10:38

01/26/23 10:38

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

Solid

Solid

Solid

Relinquished by: (Signature)

26-23

088

6

Revised Date 05012020 Rev

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

	Pa	Page1 of	of	6
 Work (Work Order Comments	ents		
 Program: UST/PST ☐PRP ☐Brownfields ☐RRC ☐uperfund [_ Brownfields	RRC	□uperf	und [
State of Project:				
Reporting:Level II	□PST/UST	☐ RRP	Leve	_
Deliverables: EDD	ADaPT 🗆	Other:		

				ı							Tollog Diolog		Description Codes
Project Name:	Pinnacle CTB 35H Lease Road	1 Lease K		lum	lurn Around		Pres.			4	ANALTUIC		el Adi
Project Number:	236729	9		✓ Routine	Rush		Code		_	_			None: NO DI Water: H ₂ O
Project Location	Eddy County, NM	ity, NM		Due Date:)				Cool: Cool MeOH: Me
Sampler's Name:	Kellan Smith	mith		TAT starts the day received by the	day received	by the			IRO				HCL: HC HNO ₃ : HN
PO#:	21105882	182		lab, if receive	lab, if received by 4:30pm	m	rs		+ M			_	H ₂ S0 ₄ : H ₂ NaOH: Na
SAMPLE RECEIPT	Temp Blank:		No No	Wet Ice:	No Sept	8	nete	1B	DRO	500			H ₃ PO ₄ : HP
Received Intact:	(es) No		Thermometer ID:	er ID:	Thin Do	7	aran	802	.0+	de 4		OLD	NaHSO ₄ : NABIS
Cooler Custody Seals:	Yes No	S	Correction Factor:	actor:	-0	Q	Pa	TEX	(GR	lori			Na ₂ S ₂ O ₃ : NaSO ₃
Sample Custody Seals:	No (M/A) Τε	mperatur	Temperature Reading:	1.	<i>W</i>		В	5M	Cr	· =	-	Zn Acetate+NaOH: Zn
Total Containers:	1 1	20	orrected T	Corrected Temperature:	-	0			801		890-3962 Chain of Cusiony		NaOH+Ascorbic Acid: SAPC
Sample Identification		Date	Time	Soil	Water	Grab/ Comp	# of Cont		TPH				Sample Comments
TP-1 (1)	1/28	1/25/2023		×		Grab/		×	×	×			
TP-1 (2)	1/25	1/25/2023		×		Grab/		×	×	×			
TP-1 (3)	1/25	1/25/2023		×		Grab/	1	×	×	×			
TP-1 (4)	1/25	1/25/2023		×		Grab/	>	×	×	×			
TP-1 (5)	1/25	1/25/2023		×		Grab/	1	×	×	×			
TP-1 (6)	1/28	1/25/2023		×		Grab/	1	×	×	×			
TP-1 (7)	1/25	1/25/2023		×		Grab/	_	×	×	×			
TP-1 (8)	1/25	1/25/2023		×		Grab/	1	×	×	×			
TP-1 (9)	1/25	1/25/2023		×		Grab/	1	×	×	×			
TP-1 (10)	1/25	1/25/2023		×		Grab/	_	×	×	×			
Additional	Additional Comments:												
Notice: Signature of this documents of Service. Xenco will be liable of Service. A minimum charge.	ment and relinquishme only for the cost of sa	nt of samples	constitutes all not assu	a valid purchas	e order from ibility for any	client com	pany to Xe	enco, its incurred	affillates by the	s and sub client if so	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 Senton. A minimum charge of \$8.5 to will be another to ach project and a charge of \$5.5 to reach sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.	onditions he control	
Relinguished by: (Signature)	gnature)	Z I	eceived	Received by: (Signature)	re)			Date/Time	me		Relinquished by: (Signature)	Received by: (Signature)	e) Date/Time

Work Order No:

Project Manager: Ethan Sessums Bill to: (if different) Wesley Mathews Work Order Comments	Program: UST/PST PRP Brownfields RRC Puperfu	Devon Energy	Company Name:	NITO Equipopostal	
Page 2 of	Work Order Comments	Wesley Mathews	Bill to: (if different)	Ethan Sessums	Project Manager:
ENVIRONMENTAL	Page 2 of				(
				NVIRONMENTAL	

Project Manager:	Ethan Sessums	"			Bill to: (if different)	rent)	We	Wesley Mathews	thews						Worl	(Orde	Work Order Comments	nments	
	NTG Environmental	ental			Company Name	ame:	Dev	Devon Energy	gy			70	rogram:	UST/PS	T PR		wnfield	Program: UST/PST	C
	402 E Wood Ave	/e			Address:		648	38 Seven	6488 Seven Rivers Highway	lighway		S	State of Project:	roject:					
e ZIP:	Carlsbad, NM 88220	8220			City, State ZIP	ZIP:	Arte	Artesia, NM 88210	188210			70	eporting	Reporting:Level II Level III	Level	<u>₽</u>	□st/ust	RRP	P Level IV
	254-266-5456			Email:	Email: Wesley.Mathews@dvn.com	athews@o	dvn.com						eliverabl	Deliverables: EDD		ADa	ADaPT 🗆	Other:	er:
Project Name:	Pinnacle CT	Pinnacle CTB 35H Lease Road	Road	Turn	Turn Around						ANALYSI	ALYSIS REQUEST	EST					Preserv	Preservative Codes
Project Number:		236729	_	✓ Routine	Rush	C	Pres. Code										None	None: NO	DI Water: H ₂ O
Project Location	Eddy	Eddy County, NM	D	Due Date:)		_	_	_				-	Cool	Cool: Cool	MeOH: Me
Sampler's Name:	Kel	Kellan Smith		TAT starts the day received by the	day received t	by the		MRO			_	_		-	_		HCL: HC	공	HNO ₃ : HN
PO#:	2	21105882		lab, if received	lab, if received by 4:30pm	_	ers) + I					_			-	H ₂ S0	H ₂ S0 ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT		Temp Blank:	Yes No	Wet Ige	Yes N	8	nete	DRO	500								Н₃РС	H₃PO₄: HP	
Received Intact:	Yes	8	Thermometer ID:	夏く					ide 4		_					OLD	NaH	NaHSO ₄ : NABIS	BIS
Cooler Custody Seals:	Yes		Correction h	aetor:		_	P	-	hlori						_	- н	Na ₂ S	Na ₂ S ₂ O ₃ : NaSO ₃	SO ₃
Sample Custody Seals:	Yes	No NA	emperature Reading:	Reading:				-	(1	Coldia	Pil Occidio Hadon, Pil
Total Containers:		60	Corrected To	Corrected Temperature:				H 80			_				_		Nac	H+Ascor	NaOH+Ascorbic Acid: SAPC
Sample Identification	ification	Date	Time	Soil	Water	Grab/ #	# of Cont	TP										Sample	Sample Comments
TP-2 (1)	1)	1/25/2023		×	0	Grab/	×	×	×						_				
TP-2 (2)	2)	1/25/2023		×		Grab/	1 ×	×	×				_			-			
TP-2 (3)	3)	1/25/2023		×	0	Grab/	1 ×	×	×										
TP-2 (4)	4)	1/25/2023		×) (Grab/	1 ×	×	×							_			
TP-2 (5)	5)	1/25/2023		×)	Grab/	1 ×	×	×										
TP-2 (6)	6)	1/25/2023		×	0	Grab/	1 ×	×	×								-		
TP-2 (7)	7)	1/25/2023		×	0	Grab/	1 ×	×	×						_	-			
TP-2 (8)	8)	1/25/2023		×		Grab/	1 *	*	*				+			H			
TP-2 (9)	9)	1/25/2023		×	0	Grab/	1 ×	×	×										
TP-2 (10)	10)	1/25/2023		×	0	Grab/	×	×	×		-				-	_			
Additio	Additional Comments:	92																	
Nolice: 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.	locument and reling liable only for the co	uishment of sampl st of samples and applied to each pu	es constitutes shall not assu oject and a ch	a valid purchas me any respons large of \$5 for e	e order from calling to any ach sample su	lient compar losses or exp bmitted to X	ny to Xenco penses inco enco, but n	o, Its affilia urred by th not analyze	ates and su ne client if ed. These t	bcontractors such losses a erms will be e	It assigns s re due to cir. enforced unio	standard te cumstances	ms and co beyond to sly negotia	onditions ne control ited.					
Relinquished by: (Signature)	(Signature)		Received by:	by: (Signature	ге)		Date	Date/Time		Relinquis	Relinquished by: (Signature)	Signature	3	Recei	Received by: (Signature)	(Signa	ture)		Date/Time
· MATI		Acres	66	Siti	#	1.	-26-	23	12.21				-						
3 /									4				+		1		ľ	-	

		[-)
	ENVIRONMEN		_	

(Page	3 of	<u>၂</u> ၈
Project Manager:	Ethan Sessums				Bill to: (If different)	Ō	Wes	Wesley Mathews	SWS						Work	Order (Work Order Comments		
Company Name:	NTG Environmental	ental			Company Name	ю:	Devo	Devon Energy					Program: U	JST/PST	□ PRP	Brow	Program: UST/PST PRP Brownfields RRC	Cuperfund	Dur.
Address:	402 E Wood Ave	ro I			Address:		6488	Seven F	6488 Seven Rivers Highway	ghway			State of Project:	oject:]
City, State ZIP:	Carlsbad, NM 88220	8220			City, State ZIP		Artes	Artesia, NM 88210	8210				Reporting:Level II Level III LPST/UST	evel II 🗌	Level III	LS4	/UST TRRP	P ∐ Level IV L	<
Phone:	254-266-5456			Email:	Wesley.Mathews@dvn.com	ews@dv	n.com					L	Deliverables: EDD	S: EDD		ADaPT L	T Ll Other:	er.	
Project Name:	Pinnacle CT	Pinnacle CTB 35H Lease Road	Road	Turn	Turn Around						ANALY	ALYSIS REQUEST	QUEST				Preser	Preservative Codes	Š
Project Number:		236729		✓ Routine	Rush	Pres. Code				-					-		None: NO	DI Water: H ₂ O	: H ₂ O
Project Location	Eddy	Eddy County, NM		Due Date:)							-	_	Cool: Cool	MeOH: Me	/le
Sampler's Name:	Kel	Kellan Smith		TAT starts the	TAT starts the day received by the	Te .		IRO	_	_					_	_	HCL: HC	HNO3: HN	z
PO#:	2	21105882		lab, if recei	lab, if received by 4:30pm		_) + N									H ₂ S0 ₄ : H ₂	NaOH: Na	la
SAMPLE RECEIPT		Temp Blank:	Yes No	Wet Joe	Yes No	nete	1B	DRC	500			-					H ₃ PO ₄ : HP		
Received Intact:	Yes		Thermometer ID:			arar	802	20 +	de 4							OLD	NaHSO ₄ : NABIS	BIS	
Cooler Custody Seals:	Yes	No N/A	Correction Ractor	Actor)		P	TEX	(GF	hlori							Н	Na ₂ S ₂ O ₃ : NaSO ₃	SO ₃	
Sample Custody Seals:	Yes	No N/A	Temperatu	Temperature Reading:			E	15M	С								Zn Acetate+NaOH: Zn	Zn Acetate+NaOH: Zn	<u> </u>
Otal Collianistis.		8	00100	College of Composition C.			L	н	_										
Sample Identification	tification	Date	Time	Soil	Water Comp	np Cont	* *	TP									Sampl	Sample Comments	, vi
TP-3 (1)	(1)	1/25/2023		×	Grab/	3b/ 1	×	×	×							\dagger			
TP-3 (2)	(2)	1/25/2023		×	Grab/	ab/ 1	×	×	×	-		H			-				
TP-3 (3)	(3)	1/25/2023		×	Grab/	ab/ 1	×	×	×	-					-				
TP-3 (4)	(4)	1/25/2023		×	Grab/	ab/ 1	×	×	×										
TP-3 (5)	(5)	1/25/2023		×	Grab/	ab/ 1	×	×	×			-			-				
TP-3 (6)	(6)	1/25/2023		×	Grab/	ab/ 1	×	×	×	-					-				
TP-3 (7)	(7)	1/25/2023		×	Grab/	ab/ 1	×	×	×	-		-							
TP-3 (8)	(8)	1/25/2023		*	Grab/	b,	>	×	×										
TP-3 (9)	(9)	1/25/2023		×	Grab/	ab/ 1	×	×	×			-			-				
TP-3 (10)	10)	1/25/2023		×	Grab/	ab/ 1	×	×	×			-			-				
Additio	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 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 of service. A minimum charge of \$5.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enfo	document and relinquishes only for the coarge of \$85.00 will be	uishment of samplest of samples and	es constitut shall not as: roject and a	es a valid purchas sume any respons	se order from clier sibility for any loss ach sample subm	n client company to Xenco, its affiliates and subcontractors. It ylosses or expenses incurred by the client if such losses are submitted to Xenco, but not analyzed. These terms will be enf	to Xenco, I	ts affiliate ed by the analyzed	s and sub client if su	contractor ich losses ms will be	[등 * #	s standar circumsta	assigns standard terms and conditions due to circumstances beyond the control orced unless previously negotiated.	ditions control d.					
Relinquished by: (Signature)	(Signature)		Received	Received by: (Signature	re)		Date/Time	Time		Relinquished by: (Signature)	shed by	: (Signa	ture)	Receiv	Received by: (Signature)	Signatu	ıre)	Date/Time	tt
war .	1	A CONT	when	Stry	1	0,	26.0	3	1038	1			-						
3 /	-			1		-			4								-		
Ch .									6									Date 06012020 B	2000

Additional Comments:

TP-4 (10)

TP-4 (9)

1/25/2023

1/25/2023

Grab/ Grab/ Grab/ Grab/ Grab/

TP-4 (8)

TP-4 (7) TP-4 (6)

1/25/2023

× × ×

1/25/2023

TP-4 (5) TP-4 (4) TP-4 (3) TP-4 (2) TP-4 (1)

1/25/2023 1/25/2023

1/25/2023 1/25/2023 1/25/2023 1/25/2023

× × × ×

Grab/

× ×

Grab/ Grab/ Grab/ Grab/

×

×

La dan Coccanio	TO COL INICI LOGO.
TTOAN VESSIONS	CTOTOTO MUNICIPAL
7	
1	
	Project Manager: Ethan Sessums Company Name: NTG Environmental

Phone:

Cooler Custody Seals:

Sample Custody Seals:

Yes Yes

8 60

Corrected Temperature

Temperature Readii

8

N/A N/A

> Correction Factor Thermometer ID:

Sample Identification

Date

Time

Soil

Water

Comp Grab/

of Cont

SAMPLE RECEIPT

Temp Blank:

Yes No

Wet ice:

Z

Parameters

BTEX 8021B

Chloride 4500

HOLD

NaHSO₄: NABIS H3PO4: HP

Na₂S₂O₃: NaSO₃

Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC

H₂S0₄: H₂

NaOH: Na

TPH 8015M (GRO + DRO + N

lab, if received by 4:30pm

No

21105882

Sampler's Name:

Project Number: Project Name:

				Onain of Outstay	000	, y		Work Order No:	0/0/000	2/9/202
VIRONMENTAL								Page4 of6	6	
Ethan Sessums	Bi	Bill to: (if different)		Wesley Mathews	thews			Work Order Comments		
NTG Environmental	Co	Company Name:		Devon Energy	гду			Program: UST/PST PRP Brownfields RRC uperfund	erfund [
402 E Wood Ave	Ad	Address:		6488 Seven Rivers Highway	n Rivers	lighway		State of Project:]	
Carlsbad, NM 88220	Cit	City, State ZIP:		Artesia, NM 88210	188210			<u>e</u>	evel IV	
254-266-5456	Email: W	Email: Wesley.Mathews@dvn.com	@dvn.c	m				Deliverables: EDD ADaPT Other:		
Pinnacle CTB 35H Lease Road	Turn Around	ound					ANALYSIS REQUEST	EQUEST Preservative Codes	odes	
236729	マ Routine [Rush	Pres.					None: NO DI Wa	DI Water: H ₂ O	
Eddy County, NM	Due Date:)				Cool: Cool MeOH: Me	H. Me	
Kellan Smith	TAT starts the day received by the	received by the		IRO				HCL: HC HNO ₃ : HN	ş. Η	

Received by: (Signature) Date/Time Relinquished by: (Signature) Received by: (Signature)	David Data OSO 134	D				
Received by: (Signature) Date/Time Relinquished by: (Signature) Received by: (Signature) Received by: (Signature) Received by: (Signature) Received by: (Signature)			6			
Received by: (Signature) Page 1: 26-23 (0238) Received by: (Signature) Received by: (Signature)			4		0	
Received by: (Signature) Date/Time Relinquished by: (Signature) Received by: (Signature)			38	1-26-23 10	mada Stirt	1018 x
1	Date/T	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)
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 eliminated unless previously insponses.		diated.	e terms will be enforced unless previously negot	d to Xenco, but not analyzed. These	ss of samples and small not assume any responsantly for any research sample submittee	00 will be
arge of \$85,00 will be applied to each project and a charge of \$5 for each sample submitted to Aenco, but not analyzed. These terms will be enforced unless be avoided to each project and a charge of \$5 for each sample submitted to Aenco, but not analyzed. These terms will be enforced unless be avoided to each project and a charge of \$5 for each sample submitted to Aenco, but not analyzed. These terms will be enforced unless be avoided to each project and a charge of \$5 for each sample submitted to Aenco, but not analyzed.		tiated.	e terms will be enforced unless previously negot	or expenses incurred by the client in to Xenco, but not analyzed. These	st of samples and shall not assume any responsibility for any losses applied to each project and a charge of \$5 for each sample submittee	e liable only for the cos
media drily to the cost of purifying and creating and provide the cost of the		the control	if such losses are due to circumstances beyond	or expenses incurred by the client i	at of campies and shall not assume any responsibility for any losses.	service Years will be liable only for the cos
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 citient if such losses are determinations to recommissioned to re				simpany to Action, its animates and .	distinguit of samples constitutes a valid purchase order from cheric co	Notice: Signature of this document and relingu
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		conditions	enhantractors it assums standard terms and	moons to Yours its affiliates and s	the state of the s	the state of the s

company to Xenco, Its affiliates and subcontractors. It assigns standard terms and conditions

Sample Comments

Time

2020 Rev 2020

Chain of Custody

	NVIRONMENTAL			Dage not be
				rage 5 of 6
Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Mathews	Work Order Comments
Company Name:	NTG Environmental	Company Name:	Devon Energy	Program: UST/PST PRP Brownfields RRC uperfund
Address:	402 E Wood Ave	Address:	6488 Seven Rivers Highway	State of Project:
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210	Reporting:Level II Level III PST/UST RRP LL Level IV L

Carlsbad, NM 88220

Artesia, NM 88210

Deliverables: EDD

ADaPT 🗆

Other:

Phone: 254-2	254-266-5456	Email: Wesle	Email: Wesley.Mathews@dvn.com	dvn.com				Celive	Deliverables. EDD L			Circle
Project Name: Pi	Pinnacle CTB 35H Lease Road	d Turn Around					ANALYSIS REQUEST	QUEST				Preservative Codes
אר ה	236729	✓ Routine	5	Pres.	-					-		None: NO DI Water: H ₂ O
Project Location	Eddy County, NM	Due Date:)							Cool: Cool MeOH: Me
Sampler's Name:	Kellan Smith	TAT starts the day received by the	eived by the		MRO							
PO #:	21105882	lab, if received by 4:30pm		rs) + N	_		_	_	_		H ₂ SO ₄ : H ₂ NaOH: Na
SAMPLE RECEIPT	Temp Blank: Yes	No Wet-Ice: Yes	8	nete	DRC	500						H ₃ PO ₄ : HP
Received Intact:		nometei		_	_	de 4					OLD	NaHSO ₄ : NABIS
Cooler Custody Seals:	o N/A	Correction Factor:		Pa TEX	_	olori				_	н	Na ₂ S ₂ O ₃ : NaSO ₃
Sample Custody Seals:	No N/A	Temperature Reading:			_	Cr		_				Zn Acetate+NaOH: Zn
Total Containers:	60 Corr	Corrected Temperature:			801							NaOH+Ascorbic Acid: SAPC
Sample Identification	Date	Time Soil Water	Grab/ Comp	# of Cont	TPF							Sample Comments
TP-5 (1)	1/25/2023	×	Grab/	1	×	×						
TP-5 (2)	1/25/2023	×	Grab/	_	×	×				-		
TP-5 (3)	1/25/2023	×	Grab/		×	×						
TP-5 (4)	1/25/2023	×	Grab/		×	×						
TP-5 (5)	1/25/2023	×	Grab/		×	×				-		
TP-5 (6)	1/25/2023	×	Grab/		×	×				-		
TP-5 (7)	1/25/2023	×	Grab/		×	×						
TP-5 (8)	1/25/2023	×	Grab/	1	* ×	×						
TP-5 (9)	1/25/2023	×	Grab/		×	×				-		
TP-5 (10)	1/25/2023	×	Grab/	1	×	×						
Additional Comments:	omments:											
Notice: Signature of this docume of service. Xenco will be liable or of Xenco. A minimum charge of	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 sarvice. 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.	nstitutes a valid purchase order not assume any responsibility fo and a charge of \$5 for each sam	from client compar or any losses or exp ple submitted to X	ny to Xenc penses inc enco, but	o, its affi urred by not analy	lates and the client zed. Thes	subcontractors. It assigns standard terms and conditions if such losses are due to circumstances beyond the contro e terms will be enforced unless previously negotiated.	rd terms a ances beyo eviously ne	nd conditions ond the control gotiated.			
Relinquished by: (Signature)	nature) Rec	Received by: (Signature)		Dat	Date/Time		Relinquished by: (Signature)	ature)	Received by: (Signature)	d by: (Signatu	ıre) Date/Time
- san	Museans	w Sty)	5C. 9C.	23	103	32					
3		0					4					
Ch .			_				6					Revised Date 05012020 Rev. 2020

<
0
3
\mathbf{x}
0
-
0
P
3
Z
0
• •
1
1

1	ENVIRONM
	MENTAL

Company Name:	NTG Environmental	a		0	Company Name:	Œ.	Devo	Devon Energy	Y				Program	n: US 1/1		₹ ₩	TOWNIE	Program: USI/PSI [PRF Brownields [RKC			_
	402 E Wood Ave			,	Address:		6488	Seven	6488 Seven Rivers Highway	ighway			State of Project:	Project	••	1]	
City, State ZIP:	Carlsbad, NM 88220	20		0	City, State ZIP:		Artes	Artesia, NM 88210	88210				Reporting:Level II Level III LPST/UST	ıg:Level] [e]	el III	PST/US	ST LTRRP		Level IV	
Phone:	254-266-5456			Email:	Email: Wesley.Mathews@dvn.com	ews@dvr	1.com						Deliverables: EDD	bles: El			ADaPT L	Other:	er:		_
Project Name:	Pinnacle CTB 35H Lease Road	35H Lease R	oad	Turn .	Turn Around						ANALY	SIS RE	LYSIS REQUEST					Preserv	Preservative Codes	odes	
Project Number:	23	236729		✓ Routine	Rush	Pres. Code						_					Z	None: NO	<u>D</u>	DI Water: H ₂ O	
Project Location	Eddy C	Eddy County, NM	סר	Due Date:)						—		_		Cool: Cool	MeC	MeOH: Me	
Sampler's Name:	Kellaı	Kellan Smith		AT starts the di	TAT starts the day received by the	<u>б</u>		/IRO	_	_			_		_	_	<u> </u>	HCL: HC	HNC	HNO3: HN	_
PO#:	211	21105882		lab, if receiv	lab, if received by 4:30pm) + N					_				H ₂	H ₂ SO ₄ : H ₂	NaC	NaOH: Na	
SAMPLE RECEIPT	Temp Blank:		Yes No	Wet Ice:	Yes No	nete	1B	DRO	500					_				H₃PO₄: HP			
Received Intact:	Yes		Thermometer JD;		ر ا	aran	802	RO +	de 4								OLD Z	NaHSO ₄ : NABIS	BIS		_
Cooler Custody Seals:	Ye	N/A	Correction Factor	ctori		P	TEX	(GF	nlori					_	_			Na ₂ S ₂ O ₃ : NaSO ₃	30 ₃		
Sample Custody Seals:	s: Yes No	N/A	Temperature Reading:	Reading:	(В	15M	CI				_				Zn	Zn Acetate+NaOH: Zn	łaOH: Zr.	_	
Total Containers:	60		Corrected Temperature:	nperature:				1 80				-	_	_			Z	NaOH+Ascorbic Acid: SAPC	bic Acid:	SAPC	
Sample Identification	ification	Date	Time	Soil	Water Comp	b/ # of np Cont	-	TPI										Sample	Sample Comments	nents	
H-1 (0-0.5')		1/25/2023		×	Grab/	b/ 1	×	×	×												_
H-2 (0-0.5')		1/25/2023		×	Grab/	b/ 1	×	×	×								_				
н-3 (0-0.5')		1/25/2023		×	Grab/	b/ 1	×	×	×												
H-4 (0-0.5')		1/25/2023		×	Grab/	b/ 1	×	×	×					_							
H-5 (0-0.5')		1/25/2023		×	Grab/	b/ 1	×	×	×								_				
H-6 (0-0.5')		1/25/2023		×	Grab/	b/ 1	×	×	×								_				
H-7 (0-0.5')		1/25/2023		×	Grab/	b/ 1	×	×	×			_					-				
H-8 (0-0.5')		1/25/2023	+	*	Grab/	4	*	*	×			+					H				
H-9 (0-0.5')		1/25/2023		×	Grab/	b/ 1	×	×	×								-				_
H-10 (0-0.5')		1/25/2023		×	Grab/	1	×	×	×					-			-				
Additio	Additional Comments:																				
obtics: 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 if 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.	gnature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliate . Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the 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	nment of samples of samples and sh piled to each proj	constitutes a all not assum ect and a cha	valid purchase e any responsit ge of \$5 for ear	order from clien bility for any loss ch sample submi	t company to	o Xenco, l ses incurr o, but not	ts affiliat ed by the analyze	es and sul client if s	s and subcontractors. It as client if such losses are du These terms will be enforc	s. It assignare due to enforced	ns standar circumsta uniess pre	signs standard terms and condi- e to circumstances beyond the ci- ed unless previously negotiated.	condition the contribited.	<u>o</u>						
Relinquished by: (Signature)	(Signature)	R	eceived by	Received by: (Signature	e)		Date/Time	Time		Relinquished		by: (Signature)	iture)	Re	Received by: (Signature)	y: (Sigi	nature)		Date/Time	Time	
Mich	A B	mar	0	X.ti	A	1-1	-26-23	2	8801	3											_
1	10								4												
									6									-			
																		Revise	d Date 05012	Revised Date 05012020 Rev. 2020.1	

•
_
-
^
u
ᆂ
٦,
~
^
_
•
•
_
_
C)
_
ന
**
-
- 6
_
7
_
\sim
u

Work Order Comments

<u>|</u> 🚉

Login Sample Receipt Checklist

Client: NT Global Job Number: 890-3962-1

SDG Number: 236729

List Source: Eurofins Carlsbad Login Number: 3962

List Number: 1

Creator: Stutzman, Amanda

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 Source: Eurofins Midland** List Number: 2

List Creation: 01/27/23 11:00 AM

Creator: Rodriguez, Leticia

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	N/A	

Released to Imaging: 12/21/2023 8:30:33 AM

<6mm (1/4").



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/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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 - 1 (4') (H232321-01)

BTEX 8021B	mg/	'kg	Analyze	d 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 BTEX	<0.300	0.300	05/11/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d 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	Analyze	d 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 5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117 9	% 49.1-14	8						

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 whistoever 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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg & Freene



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

DEVON-EDDY CO., NM Project Location:

Sample ID: CS - 2 (4') (H232321-02)

BTEX 8021B	mg/	kg	Analyze	d 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 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d 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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113 9	6 49.1-14	8						

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.

Celey D. Keene



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 - 3 (4') (H232321-03)

BTEX 8021B	mg	/kg	Analyze	ed 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113	% 49.1-14	8						

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 whistoever 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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



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 - 5 (4') (H232321-04)

BTEX 8021B	mg	/kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 9	% 49.1-14	8						

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 whistoever 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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



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

Applyzod By: 14

Project Location: DEVON-EDDY CO., NM

Sample ID: CS - 6 (4') (H232321-05)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a 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	% 71.5-13	4						
Chloride, SM4500Cl-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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114	% 49.1-14	8						

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 whistoever 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.

Celey D. Keene



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

DEVON-EDDY CO., NM Project Location:

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 9	% 71.5-13	4						
Chloride, SM4500Cl-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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.8	% 49.1-14	8						

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.

Celey D. Keene



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 Sample Received By: Project Number: 236729 Tamara Oldaker

DEVON-EDDY CO., NM Project Location:

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 9	71.5-13	4						
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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109 9	% 49.1-14	8						

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.

Celey D. Keine



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 Tamara Oldaker Project Number: 236729 Sample Received By:

DEVON-EDDY CO., NM Project Location:

Sample ID: CS - 9 (4') (H232321-08)

BTEX 8021B	mg/	kg	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500CI-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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108 9	% 49.1-14	8						

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.

Celey D. Keene



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	Analyze	ed 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

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 whistoever 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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



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 - 11 (4.5') (H232321-10)

BTEX 8021B	mg	/kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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 whistoever 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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



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

DEVON-EDDY CO., NM Project Location:

Sample ID: CS - 12 (4.5') (H232321-11)

BTEX 8021B	mg	/kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.3	% 49.1-14	8						

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.

Celey D. Keene



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 Sampling Type: Soil

Reported: 05/15/2023 Project Name: PINNACLE CTB 35H LEASE ROAD

Sampling Condition: Cool & Intact

Project Number: 236729 Sample Received By: Tamara Oldaker

DEVON-EDDY CO., NM Project Location:

Sample ID: CS - 13 (4.5') (H232321-12)

BTEX 8021B	mg/	kg	Analyze	d 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 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d 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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115 %	6 49.1-14	8						

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.

Celey D. Keene



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 Sample Received By: Project Number: 236729 Tamara Oldaker

DEVON-EDDY CO., NM Project Location:

Sample ID: CS - 14 (4.5') (H232321-13)

BTEX 8021B	mg/	kg	Analyze	d 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 9	71.5-13	4						
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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 9	6 49.1-14	8						

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.

Celey D. Keene



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 - 15 (4.5') (H232321-14)

Analyte	Result	Reporting Limit	Analyzed						
			Analyzeu	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d 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	Analyze	d 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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112 9	% 49.1-14	8						

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 whistoever 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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



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 Sample Received By: Project Number: 236729 Tamara Oldaker

DEVON-EDDY CO., NM Project Location:

Sample ID: CS - 16 (4.5') (H232321-15)

BTEX 8021B	mg/	kg	Analyze	d 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 9	71.5-13	4						
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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106 9	% 49.1-14	8						

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.

Celey D. Keene



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	Analyze	d 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	% 71.5-13	14						
Chloride, SM4500CI-B	mg	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	14						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	18						

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 whistoever 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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



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 Sample Received By: Project Number: 236729 Tamara Oldaker

DEVON-EDDY CO., NM Project Location:

Sample ID: CS - 18 (4.5') (H232321-17)

BTEX 8021B	mg/	/kg	Analyze	d 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 9	% 71.5-13	4						
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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107 9	% 49.1-14	8						

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.

Celey D. Keene



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: Sample Received By: 236729 Tamara Oldaker

Applyzod By: 14

DEVON-EDDY CO., NM Project Location:

Sample ID: CS - 19 (4.5') (H232321-18)

RTFY 8021R

B1EX 8021B	mg/	кg	Апануге	a 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 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.1	% 49.1-14	8						

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.

Celey D. Keene



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

Applyzod By: 14

Project Location: DEVON-EDDY CO., NM

Sample ID: CS - 20 (4.5') (H232321-19)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.6	% 49.1-14	8						

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 whistoever 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.

Celey D. Keene



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: Sample Received By: 236729 Tamara Oldaker

DEVON-EDDY CO., NM Project Location:

Sample ID: CS - 21 (4.5') (H232321-20)

BTEX 8021B	mg/	/kg	Analyze	d 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 9	% 71.5-13	4						
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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.9	% 49.1-14	8						

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.

Celey D. Keene



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 - 22 (4.5') (H232321-21)

BTEX 8021B	mg	/kg	Analyze	ed 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.4	% 49.1-14	8						

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 whistoever 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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



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 - 23 (4.5') (H232321-22)

BTEX 8021B	mg	/kg	Analyze	ed 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.8	% 49.1-14	8						

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 whistoever 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.

Celey D. Keene



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

Applyzod By: 14

Project Location: DEVON-EDDY CO., NM

Sample ID: CS - 24 (4.5') (H232321-23)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.4	% 49.1-14	8						

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 whistoever 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.

Celey D. Keene



Analytical Results For:

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

Applyzod By: 14

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 - 25 (4.5') (H232321-24)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.5	% 49.1-14	8						

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 whistoever 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.

Celey & Keene



05/09/2023

Analytical Results For:

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

Received: 05/10/2023

05/15/2023 Sampling Type: Soil Sampling Condition: Cool & Intact

Sampling Date:

Project Name: PINNACLE CTB 35H LEASE ROAD

Project Number: Sample Received By: Tamara Oldaker 236729

DEVON-EDDY CO., NM Project Location:

Sample ID: CS - 26 (4.5') (H232321-25)

Reported:

BTEX 8021B	mg/	kg	Analyze	d 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 9	71.5-13	4						
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	Analyze	d 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 9	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109 9	% 49.1-14	8						

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.

Celeg D. Keine



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 Sample Received By: Project Number: 236729 Tamara Oldaker

DEVON-EDDY CO., NM Project Location:

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 9	% 71.5-13	4						
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	Analyze	d 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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102 9	% 49.1-14	8						

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.

Celey D. Keene



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 Sample Received By: Project Number: 236729 Tamara Oldaker

DEVON-EDDY CO., NM Project Location:

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 9	% 71.5-13	4						
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	Analyze	d 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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115 9	% 49.1-14	8						

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.

Celey D. Keene



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 Sample Received By: Project Number: 236729 Tamara Oldaker

DEVON-EDDY CO., NM Project Location:

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 9	71.5-13	4						
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	Analyze	d 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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.5	% 49.1-14	8						

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.

Celey D. Keene



Analytical Results For:

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

Applyzod By: 14

Received: 05/10/2023

Sampling Date: 05/09/2023

Reported: 05/15/2023
Project Name: PINNACLE CTB 35H LEASE ROAD

Sampling Type: Soil

Project Number: 236729

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Project Location: DEVON-EDDY CO., NM

Sample ID: CS - 30 (4.5') (H232321-29)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100	% 49.1-14	8						

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 whistoever 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.

Celey D. Keene



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: Sample Received By: 236729 Tamara Oldaker

DEVON-EDDY CO., NM Project Location:

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 9	% 71.5-13	4						
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	Analyze	d 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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.3	% 49.1-14	8						

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.

Celey D. Keene



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 Sample Received By: Project Number: 236729 Tamara Oldaker

DEVON-EDDY CO., NM Project Location:

Sample ID: CS - 32 (4.5') (H232321-31)

BTEX 8021B	mg/	/kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
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	05/11/2023	ND	416	104	400	7.41	
TPH 8015M	mg/	/kg	Analyze	d 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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.4	% 49.1-14	8						

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.

Celey D. Keene



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	Analyze	ed 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.2	% 49.1-14	18						

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 whistoever 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.

Celey D. Keene



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 - 34 (4.5') (H232321-33)

BTEX 8021B	mg	/kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.2	% 49.1-14	8						

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 whistoever 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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



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

DEVON-EDDY CO., NM Project Location:

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 9	% 71.5-13	4						
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	Analyze	d 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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103 9	% 49.1-14	8						

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.

Celey D. Keene



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 Sample Received By: Project Number: 236729 Tamara Oldaker

DEVON-EDDY CO., NM Project Location:

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	% 71.5-13	4						
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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.7	% 49.1-14	8						

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.

Celey D. Keene



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

Applyzod By: 14

Project Location: DEVON-EDDY CO., NM

Sample ID: CS - 37 (4.5') (H232321-36)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.0	% 49.1-14	8						

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 whistoever 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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Sample Received By:

05/09/2023

Tamara Oldaker

Analytical Results For:

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

Received: 05/10/2023 Sampling Date:

Reported: 05/15/2023 Sampling Type: Soil
Project Name: PINNACLE CTB 35H LEASE ROAD Sampling Condition: Cool & Intact

Project Number: 236729

Project Location: DEVON-EDDY CO., NM

Sample ID: CS - 38 (4.5') (H232321-37)

BTEX 8021B	mg/kg		Analyze	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.0	% 49.1-14	8						

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 whistoever 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.

Celey D. Kreine



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

Analyzed By: JH

Project Location: DEVON-EDDY CO., NM

mg/kg

Sample ID: CS - 39 (4.5') (H232321-38)

BTEX 8021B

	9/	9	7						
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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.2	% 49.1-14	8						

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 whistoever 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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey & Keene



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: Sample Received By: Tamara Oldaker 236729

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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.2	% 49.1-14	8						

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.

Celey D. Keene



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: Sample Received By: 236729 Tamara Oldaker

DEVON-EDDY CO., NM Project Location:

Sample ID: CS - 41 (4.5') (H232321-40)

BTEX 8021B	mg,	/kg	Analyze	d 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	103	% 71.5-13	4						
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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.8	% 49.1-14	8						

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.

Celey D. Keene



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)

RTFY 8021R

BIEX 8021B	mg,	/ kg	Anaiyze	a 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.1	% 49.1-14	8						

Applyzod By: 1H /

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 whistoever 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.

Celey D. Keene



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 Sampling Date: 05/09/2023 Sampling Type: Soil

Project Name: PINNACLE CTB 35H LEASE ROAD
Project Number: 236729

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Project Number: 250/29
Project Location: DEVON-EDDY CO., NM

Sample ID: CS - 43 (4.5') (H232321-42)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

Applyzod By: 1H /

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 whistoever 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.

Celey D. Keine



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: Sample Received By: Tamara Oldaker 236729

DEVON-EDDY CO., NM Project Location:

Sample ID: CS - 44 (4.5') (H232321-43)

BTEX 8021B	mg/	/kg	Analyze	d 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 5	% 71.5-13	4						
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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.6	% 49.1-14	8						

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.

Celey D. Keine



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

Applyzod By: 1H /

Project Location: DEVON-EDDY CO., NM

Sample ID: CS - 45 (3') (H232321-44)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.7	% 49.1-14	8						

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 whistoever 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.

Celey D. Keene



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: Project Name: 05/15/2023

Sampling Type:

Soil Cool & Intact

Project Number:

BTEX 8021B

PINNACLE CTB 35H LEASE ROAD

Sampling Condition: Sample Received By:

Tamara Oldaker

236729

DEVON-EDDY CO., NM Project Location:

Sample ID: CS - 46 (3') (H232321-45)

	9/	9	7	<u>,,,</u>					
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	% 71.5-13	4						
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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.1	% 49.1-14	8						

Analyzed By: JH/

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.

Celeg D. Keine



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 - 47 (3') (H232321-46)

BTEX 8021B	mg	/kg	Analyze	ed 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.7	% 49.1-14	18						

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 whistoever 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.

Celey D. Keene



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

Applyzod By: 1H /

Project Location: DEVON-EDDY CO., NM

Sample ID: CS - 48 (3') (H232321-47)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a 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	% 71.5-13	4						
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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.3	% 49.1-14	8						

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 whistoever 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.

Celey D. Keene



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 Sample Received By: Project Number: 236729 Tamara Oldaker

DEVON-EDDY CO., NM Project Location:

Sample ID: CS - 49 (3') (H232321-48)

BTEX 8021B	mg/	/kg	Analyze	d 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 9	% 71.5-13	4						
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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.4	% 49.1-14	8						

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.

Celey D. Keene



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: Coo

Project Name: PINNACLE CTB 35H LEASE ROAD Sampling Condition: Cool & Intact
Project Number: 236729 Sample Received By: Tamara Oldaker

Applyzod By: 1H /

Project Location: DEVON-EDDY CO., NM

Sample ID: CS - 50 (3') (H232321-49)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	ea 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	% 71.5-13	4						
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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.9	% 49.1-14	8						

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 whistoever 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.

Celey D. Keene



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

Applyzod By: 1H /

Project Location: DEVON-EDDY CO., NM

Sample ID: CS - 51 (3') (H232321-50)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a 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	% 71.5-13	4						
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	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.4	% 49.1-14	8						

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 whistoever 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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



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 PINNACLE CTB 35H LEASE ROAD Sampling Type: Soil

Project Name:

Sampling Condition:

Cool & Intact

Project Number:

236729

Sample Received By:

Tamara Oldaker

DEVON-EDDY CO., NM Project Location:

Sample ID: CS - 52 (3') (H232321-51)

BTEX 8021B	mg/	/kg	Analyze	d 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 5	% 71.5-13	4						
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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	73.2	% 49.1-14	8						

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.

Celey D. Keine



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: Sample Received By: 236729 Tamara Oldaker

DEVON-EDDY CO., NM Project Location:

Sample ID: SW - 1 (0-4') (H232321-52)

BTEX 8021B	mg,	'kg	Analyze	d 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	% 71.5-13	4						
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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.8	% 49.1-14	8						

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.

Celey D. Keene



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: Sample Received By: 236729 Tamara Oldaker

DEVON-EDDY CO., NM Project Location:

Sample ID: SW - 2 (0-4') (H232321-53)

BTEX 8021B	mg/	'kg	Analyze	d 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 5	% 71.5-13	4						
Chloride, SM4500Cl-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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	56.2	% 49.1-14	8						

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.

Celey D. Keene



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: SW - 3 (0-4') (H232321-54)

BTEX 8021B	mg	/kg	Analyze	ed 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.1	% 49.1-14	8						

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 whistoever 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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



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: SW - 4 (0-4.5') (H232321-55)

BTEX 8021B	mg	/kg	Analyze	ed 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.9	% 49.1-14	8						

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 whistoever 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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



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: SW - 5 (0-4.5') (H232321-56)

BTEX 8021B	mg/	kg	Analyze	d 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 %	6 71.5-13	4						
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	Analyze	d 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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	73.3	% 49.1-14	8						

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.

Celey D. Keene



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 Sampling Type: PINNACLE CTB 35H LEASE ROAD

Project Name: Project Number: 236729

Project Location: DEVON-EDDY CO., NM

Soil Sampling Condition: Cool & Intact

Sampling Date:

Sample Received By: Tamara Oldaker

05/09/2023

Sample ID: SW - 6 (0-4.5') (H232321-57)

BTEX 8021B	mg/	kg	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.1	% 49.1-14	8						

Cardinal Laboratories

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.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

*=Accredited Analyte



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

Sample Received By: Project Number: 236729 Tamara Oldaker

Project Location: DEVON-EDDY CO., NM

Sample ID: SW - 7 (0-4.5') (H232321-58)

BTEX 8021B	mg/	/kg	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	73.2	% 49.1-14	8						

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.

Celey D. Keene



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: SW - 8 (0-4.5') (H232321-59)

BTEX 8021B	mg	/kg	Analyze	ed 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.7	% 49.1-14	8						

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 whistoever 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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



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: SW - 9 (0-4.5') (H232321-60)

BTEX 8021B	mg	/kg	Analyze	ed 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	68.3	% 49.1-14	8						

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 whistoever 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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



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: SW - 10 (0-4.5') (H232321-61)

BTEX 8021B	mg	/kg	Analyze	ed 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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 whistoever 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.

Celey D. Keene



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: SW - 11 (0-4.5') (H232321-62)

BTEX 8021B	mg	/kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.8	% 49.1-14	8						

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 whistoever 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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



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: SW - 12 (0-4.5') (H232321-63)

BTEX 8021B	mg/	kg	Analyze	d 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	115 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.5	% 49.1-14	8						

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.

Celey D. Keene



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 Tamara Oldaker Project Number: 236729 Sample Received By:

Project Location: DEVON-EDDY CO., NM

Sample ID: SW - 13 (0-4.5') (H232321-64)

BTEX 8021B	mg	/kg	Analyze	ed 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	113	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.5	% 49.1-14	8						

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.

Celey D. Keene



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: SW - 14 (0-4.5') (H232321-65)

BTEX 8021B	mg	/kg	Analyze	ed 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.8	% 49.1-14	8						

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 whistoever 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.

Celey & Keene



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: SW - 15 (0-4.5') (H232321-66)

BTEX 8021B	mg	/kg	Analyze	ed 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.8	% 49.1-14	8						

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 whistoever 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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Tamara Oldaker

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 Cool & Intact

Sampling Condition: Sample Received By: Project Number: 236729

Project Location: DEVON-EDDY CO., NM

Sample ID: SW - 16 (0-4.5') (H232321-67)

BTEX 8021B	mg/	'kg	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.2	% 49.1-14	8						

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.

Celey D. Keene



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: Sample Received By: 236729 Tamara Oldaker

Project Location: DEVON-EDDY CO., NM

Sample ID: SW - 17 (0-4.5') (H232321-68)

BTEX 8021B	mg/	kg	Analyze	d 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 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.6	% 49.1-14	8						

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.

Celey D. Keene



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 Sampling Date: 05/09/2023
Sampling Type: Soil

Project Name: PINNACLE CTB 35H LEASE ROAD
Project Number: 236729

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Project Location: DEVON-EDDY CO., NM

Sample ID: SW - 18 (0-4.5') (H232321-69)

BTEX 8021B	mg	/kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

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 whistoever 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.

Celey D. Keene



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: SW - 19 (0-4.5') (H232321-70)

BTEX 8021B	mg	/kg	Analyze	ed 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

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 whistoever 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.

Celey D. Keene



Tamara Oldaker

Sample Received By:

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

Project Location: DEVON-EDDY CO., NM

Sample ID: SW - 20 (0-4.5') (H232321-71)

BTEX 8021B	mg	/kg	Analyze	ed 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.2	% 49.1-14	18						

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 whistoever 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.

Celey D. Keine



Sample Received By:

05/09/2023

Cool & Intact

Tamara Oldaker

Soil

Analytical Results For:

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

Received: 05/10/2023

05/10/2023 Sampling Date: 05/15/2023 Sampling Type:

Reported: 05/15/2023 Sampling Type:
Project Name: PINNACLE CTB 35H LEASE ROAD Sampling Condition:

Project Number: 236729

Project Location: DEVON-EDDY CO., NM

Sample ID: SW - 21 (0-3') (H232321-72)

BTEX 8021B	mg/	'kg	Analyze	d 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					

Cumanata	1 Puom officerohous	/DID	115 0/	71 5 124
Surrogate:	: 4-Bromofluorobenzene	P(PID)	115 %	71.5-134

mg	/kg	Analyze	d By: AC					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
64.0	16.0	05/11/2023	ND	432	108	400	0.00	
mg	/kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	05/11/2023	ND	190	95.0	200	1.30	
858	10.0	05/11/2023	ND	189	94.5	200	5.53	
188	10.0	05/11/2023	ND					
	Result 64.0 mg, Result <10.0 858	Result Reporting Limit <10.0 10.0 858 10.0	Result Reporting Limit Analyzed 64.0 16.0 05/11/2023 mg/kg Analyze Result Reporting Limit Analyzed <10.0	Result Reporting Limit Analyzed Method Blank 64.0 16.0 05/11/2023 ND mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank <10.0	Result Reporting Limit Analyzed Method Blank BS 64.0 16.0 05/11/2023 ND 432 mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS <10.0	Result Reporting Limit Analyzed Method Blank BS % Recovery 64.0 16.0 05/11/2023 ND 432 108 mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS % Recovery <10.0	Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC 64.0 16.0 05/11/2023 ND 432 108 400 mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC <10.0	Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD 64.0 16.0 05/11/2023 ND 432 108 400 0.00 mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD <10.0

Surrogate: 1-Chlorooctane 67.7 % 48.2-134
Surrogate: 1-Chlorooctadecane 91.8 % 49.1-148

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 whistoever 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.

Celey D. Keine



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

Applyzod By: 1H /

Project Location: DEVON-EDDY CO., NM

Sample ID: SW - 22 (0-3') (H232321-73)

RTFY 8021R

BS	% Recovery	True Value QC	RPD	0
		True value qu	KPD	Qualifier
1.95	97.5	2.00	4.26	
2.03	101	2.00	5.30	
2.15	108	2.00	6.64	
6.36	106	6.00	6.04	
BS	% Recovery	True Value QC	RPD	Qualifier
432	108	400	0.00	
BS	% Recovery	True Value QC	RPD	Qualifier
190	95.0	200	1.30	
189	94.5	200	5.53	
	BS 190	BS % Recovery 190 95.0	BS % Recovery True Value QC 190 95.0 200	BS % Recovery True Value QC RPD 190 95.0 200 1.30

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 whistoever 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.

Celey D. Keene



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: SW - 23 (0-3') (H232321-74)

BTEX 8021B	mg/	/kg	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.6	% 49.1-14	8						

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.

Celey D. Keene



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

Applyzod By: 1H /

Project Location: DEVON-EDDY CO., NM

Sample ID: SW - 24 (0-3') (H232321-75)

RTFY 8021R

Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD	BIEX 8021B	mg,	/ kg	Anaiyze	ea By: JH/					
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 6.49 108 6.00 3.68 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 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 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	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
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, SM4500Cl-B mg/s Analyzed By: AC Analyte Result Reporting Limit Analyzed Method Blank BS Recovery True Value QC RPD Chloride 32.0 16.0 05/11/2023 ND 432 108 400 0.00 TH 8015M mg/s Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS Recovery True Value QC RPD 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 189 94.5 200 5.53 EXT DRO >C28-C36 <10.0 10.0 05/11/2023 ND	Benzene*	<0.050	0.050	05/12/2023	ND	2.10	105	2.00	1.93	
Total Xylenes* <0.150 0.150 05/12/2023 ND 6.49 108 6.00 3.68 Total BTEX <0.300	Toluene*	< 0.050	0.050	05/12/2023	ND	2.16	108	2.00	2.32	
Total BTEX <0.300 0.300 05/12/2023 ND Surrogate: 4-Bromofluorobenzene (PID 104 % 71.5-134 Chloride, SM4500Cl-B mg/kg Analyzed By: AC 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 By: MS GRO C6-C10* Recovery True Value QC RPD GRO C6-C10* Analyzed By: MS GRO C6-C10* Analyzed By: MS True Value QC RPD GRO C6-C10* 190 95.0 200 1.30 DRO >C10-C28* Analyzed By: MS Surrogate: I-Chlorooctane 61.7 % As.	Ethylbenzene*	<0.050	0.050	05/12/2023	ND	2.09	104	2.00	2.77	
Surrogate: 4-Bromofluorobenzene (PID 104 % 71.5-134 Chloride, SM4500Cl-B mg/ky Analyzed By: AC BS % Recovery True Value QC RPD Chloride 32.0 16.0 05/11/2023 ND 432 108 400 0.00 TPH 8015M mg/ky Analyzed By: MS Wethod Blank BS % Recovery True Value QC RPD GRO C6-C10* <10.0	Total Xylenes*	<0.150	0.150	05/12/2023	ND	6.49	108	6.00	3.68	
Chloride, SM4500Cl-B mg/kg Analyzed By: AC Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD 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 GRO C6-C10* <10.0	Total BTEX	<0.300	0.300	05/12/2023	ND					
Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Chloride 32.0 16.0 05/11/2023 ND 432 108 400 0.00 TPH 8015M	Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride 32.0 16.0 05/11/2023 ND 432 108 400 0.00 TPH 8015M mg/kg Analyzed By: MS MS Method Blank BS % Recovery True Value QC RPD GRO C6-C10* <10.0	Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: AC					
TPH 8015M mg/kg Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD GRO C6-C10* <10.0	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD 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	Chloride	32.0	16.0	05/11/2023	ND	432	108	400	0.00	
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	TPH 8015M	mg	/kg	Analyze	ed By: MS					
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	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
EXT DRO >C28-C36 <10.0 10.0 05/11/2023 ND Surrogate: 1-Chlorooctane 61.7 % 48.2-134	GRO C6-C10*	<10.0	10.0	05/11/2023	ND	190	95.0	200	1.30	
Surrogate: 1-Chlorooctane 61.7 % 48.2-134	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-Chlorooctadecane 64.1 % 49.1-148	Surrogate: 1-Chlorooctane	61.7	% 48.2-13	4						
	Surrogate: 1-Chlorooctadecane	64.1	% 49.1-14	8						

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 whistoever 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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



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 - 4 (4') (H232321-76)

BTEX 8021B	mg	/kg	Analyze	ed 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	71.3	% 49.1-14	18						

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 whistoever 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.

Celey D. Keene



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

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 whistoever 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 is 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.

Celeg D. Freene

Chain of Custody





Company Name:

402 E Wood Ave NTG Environmental

> Company Name: Bill to: (if different)

Devon Energy

Wesley Mathews

6488 Seven Rivers Highway

State of Project:

Program: UST/PST PRP Brownfields RRC

uperfund

Work Order Comments

(Ti		3)
	4		
UTAKE		2	
OWNE			
MIME	(7	
			-

m
City, State ZIP: Artesia, NM 88210 4-266-5456 Email: Wesley.Mathews@dvn.com Pinnacle CTB 35H Lease Road Turn Around Pres. 236729 ☑ Routine ☑ Rush Code Code Code ☐ Pres. ☐ Code
City, State ZIP: City, State ZIP: City City
Parameters Code Pres
BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 4500
Chloride 4500
ANALYSIS REQUEST
Reporting:Level II Level Deliverables: EDD EQUEST
Reporting:Level III

age 79 of 86

Work Order No:

Revised Date 05012020 Rev. 2020.1

Chain of Custody





																		Page	de 2	of 8
Project Manager:	Ethan Sessums	ns			Bill to: (if different)	erent)	W	Wesley Mathews	athews							Work	Order	Work Order Comments		
Company Name:	NTG Environmental	nental			Company Name	lame:	De	Devon Energy	erqv				Proc	Program: IIST/PST PRP	ST/PST	PRP	R	mfields	799	
Address:	402 E Wood Ave	lve			Address:		64	88 Seve	n Rivers	6488 Seven Rivers Highway			State	State of Project:	ject:	:	Ę	Chrominions Chico		Unberrain
City, State ZIP:	Carlsbad, NM 88220	88220			City, State ZIP	ZIP:	Ar	tesia, N	Artesia, NM 88210				Repo	Reporting:Level III Level III PST/UST	vel II	Level III	.Sd		RRP	Level IV
Phone:	254-266-5456			Email:		athews@	dvn.com						Deliv	Deliverables: EDD	EDD		ADaPT 🗆		Other	1
Project Name:	Pinnacle C	Pinnacle CTB 35H Lease Road	e Road	Turr	Turn Around						ANA	SISA	ANALYSIS RECLIEST	-				,	Toponiot.	un Cada
Project Number:		236729		✓ Routine	Rush		Pres.	\forall		-	-		1000		-	-		2	PAIACA	Liesel Adulae Codes
Project Location	Edd	Eddy County, NM		Due Date:	5/15/2023	,	Code	+		+	+		+		+	+	\dagger	None: NO	. 6	DI Water: H
Sampler's Name:	Ke	Kellan Smith		TAT starts the day received by the	day received t	by the		RO)		_			_						2 5	MEON. ME
PO #:		21105882		lab, if rece	lab, if received by 4:30pm		s	+ MI		_								ווער: חל	ב כ	NISOLI: NIS
SAMPLE RECEIPT		Temp Blank:	Yes (No) Wet Ice:	N Sex	No	eter	DRO	00	_			_					H_BO : HB	HD 12	NaOn. Na
Received Intact:	Yes	No No	Thermometer ID:	eter ID:	113			_	e 45							_	.D	NaHSO	NARIS	
Cooler Custody Seals	Yes Yes	No (N/A)	Correction Factor:	Factor:	-0.6	ח	Pa	_	lorid								HOL	Na ₂ S ₂ O	Na.S.O. NaSO.	
Sample Custody Seals:	ls: Yes	No (N/A)	Temperatu	Temperature Reading:	0.1	0	B	_	Ch	_								Zn Acet	Zn Acetate+NaOH: Zn	H: Zn
Total Containers:		76	Corrected	Corrected Temperature:	-O.S	100		1 801										NaOH+,	Ascorbic /	NaOH+Ascorbic Acid: SAPC
Sample Identification	tification	Date	Time	Soil	Water C	Grab/ #	# of Cont	TP										Sa	ample Co	Sample Comments
CS-12 (4.5')	4.5')	5/9/2023	10:40	×	0	comp	1 ×	×	×	-	+		+		+	+	1			
CS-13 (4.5')	4.5')	5/9/2023	10:42	×	0	comp	1 ×	×	×	-					+	+				
CS-14 (4.5')	4.5')	5/9/2023	10:44	×	0	comp	1 ×	×	×	4					+	+				
CS-15 ((4.5')	5/9/2023	10:46	×	0	comp	1 ×	×	×	-					+	+				
CS-16 ((4.5')	5/9/2023	10:48	×	Q	comp	1 ×	×	×						-	1				
CS-17 ((4.5')	5/9/2023	10:50	×	C	comp	1 ×	×	×						-	+				
CS-18 ((4.5')	5/9/2023	10:52	×	C	comp	1 ×	×	×						+	+				
CS-19 ((4.5')	5/9/2023	10:54	×	CC	comp	1 ×	×	×	-					+	+				
CS-20 (4	(4.5')	5/9/2023	10:56	×	CC	comp	1 ×	×	×	-					+	+				
CS-21 (4	(4.5')	5/9/2023	10:58	×	CC	comp	1 ×	×	×	-					+	+				
Additio	Additional Comments:	9:																		
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.	ocument and relinquable only for the corge of \$85.00 will be	uishment of samp st of samples and applied to each p	les constitute shall not assi project and a c	s a valid purchase ume any responsi harge of \$5 for ea	e order from cli ibility for any lo ach sample sub	ient compan	ny to Xenco penses incu enco, but n	, its affilia rred by th ot analyze	tes and some client if ed. These	bcontracto such losse terms will b	ors. It assi s are due le e enforce	gns stand to circums	It assigns standard terms and conditions edue to circumstances beyond the contro nforced unless previously negotiated.	nd conditi nd the co gotiated.	ons					
	(Signature)	1	Received by:	by: (Signature	1		Date	Date/Time		Relinqu	Relinquished by: (Signature)	y: (Sigr	lature)	R	Received by: (Signature)	by: (S	ignatur	е)	Da	Date/Time
June		1161	MARI	New	No.	C	5-10-3	23	300											
On C						-			4 0											
						_			σ											

<
Vor
ć
)rde
~
No:
1
00
(2)
0)
(N)
0

Page 80 of 86

ive Codes DI Water: H₂O

☐ Level IV ☐

uperfund |

Revised Date 05012020 Rev. 2020.



City, State ZIP:

Carlsbad, NM 88220 402 E Wood Ave NTG Environmental

> Address: Company Name: Bill to: (if different)

City, State ZIP:

Artesia, NM 88210 6488 Seven Rivers Highway Devon Energy Wesley Mathews

Address: Company Name:

												בסוויסומטוכט. בסט		200	מסמר ב	Olliei.
Project Name: Pin	Pinnacle CTB 35H Lease Road	se Road	Turi	Turn Around						ANALYSIS REQUEST	EQUEST				Proce	Prestive Codes
Project Number:	236729		✓ Routine	Rush	Pres. Code		_	\dashv						\dashv	None: NO	NO DI Water H
Project Location	Eddy County, NM	Λ	Due Date:	5/15/2023	,		_	\dashv					+	+		Moll. M
Sampler's Name:	Kellan Smith		TAT starts the	TAT starts the day received by the			₹O)							_	LO01. C001	MEOH: Me
PO#:	21105882		lab, if rece	lab, if received by 4:30pm			+ MF							_	ם כר: חכ	HNO3: HN
SAMPLE RECEIPT	Temp Blank:	Yes	Wet Ice:	No Sek	eter	В		00						_	П2004. П2	NaOH: Na
Received Intact:	Yes No	Thermometer ID:	eter ID:	11 /	am	021	_	450						D	H3FO4: HF	
Cooler Custody Seals:	0	Correction Factor	Factor	5000	Par	X 8	_	ride						IOLI	NaHSO ₄ : NABIS	BIS
Sample Custody Seals:	3	Tomporat	Iro Booding:	18,000		вт	_	hic		_				н	Na ₂ S ₂ O ₃ : NaSO ₃	SO ₃
Containore:	70	Competati	competative readily.	2115			_	_						_	Zn Acetate+NaOH: Zn	NaOH: Zn
Total Containers:	76 (Corrected	Corrected Temperature:	- Qis c			80	_		_			_	_	NaOH+Asco	NaOH+Ascorbic Acid: SAPC
Sample Identification	on Date	Time	Soil	Water Comp	# of Cont		TPH								Sampl	Sample Comments
CS-22 (4.5')	5/9/2023	11:00	×	comp	1	×	×	×		+		+	+	+		
CS-23 (4.5')	5/9/2023	11:02	×	comp		×	+	×	1	+	+	_	+	+		
CS-24 (4.5')	5/9/2023	11:04	×	comp	_	×	+	×	1	+	+	+	+	+		
CS-25 (4.5')	5/9/2023	11:06	×	comp		×	+	×	1	+	+	+	+	+		
CS-26 (4.5')	5/9/2023	11:08	×	comp	1	×	+	×	\perp	+		+	+	+	T	
CS-27 (4.5')	5/9/2023	11:10	×	comp	_	×	×	×	_	+		+	+	+		
CS-28 (4.5')	5/9/2023	11:12	×	comp	1	×	×	×				4	+	+		
CS-29 (4.5')	5/9/2023	11:14	×	comp	_	×	×	^			1	+	+	+		
CS-30 (4.5')	5/9/2023	11:16	×	comp	_	×	×	1	_	+	+	+		+		
CS-31 (4.5')	5/9/2023	11:18	×	comp	. 1	×	×	^				4		+		
Additional Comments:	mments:															
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 condition 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 current of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$15.00 will be applied to each project and \$15.00 wil	t and relinquishment of sam y for the cost of samples an	ples constitut d shall not ass	es a valid purchas	e order from client c	ompany to X	enco, its a	iffiliates a	ind subcor	tractors. I	s. It assigns standard terms and conditions are due to circumstances beyond the control	rd terms an	d conditio	irol			
Relinquished by: (Signature	ature)	Received	Received by: (Signature)	eW //	0	Date/Time	ne	Re	inquish	Relinquished by: (Signature)	ature)	Re	Received by: (Signature)	Signatu	ıre)	Date/Time
Ruch		Mich	a Wille	10 Hall	5-10-23	.23	1300	2								
			(4								
				(б							-	

Page3	Page3 of8
Work Order Comments	
Program: UST/PST	_uperfund _
State of Project:	
Reporting:Level III	I evel IV

Page 81 of 86

Work Order No: H232321

Revised Date 05012020 Rev. 2020.1





	Total Containers:	Sample Custody Seals:	Cooler Custody Seals:	Received Intact:	SAMPLE RECEIPT	PO 生	Sampler's Name:	Project Location	Project Number:	Project Name: Pinnac	Phone: 254-266-5456	City, State ZIP: Carlsbad,	Address: 402 E Wood Ave	Company Name: NTG Env	Project Manager: Ethan Sessums
	76	Yes No (N/A)	Yes No (N/A)	Yes No	Temp Blank:	21105882	Kellan Smith	Eddy County, NM	236729	Pinnacle CTB 35H Lease Road	5456	Carlsbad, NM 88220	ood Ave	NTG Environmental	ssums
	Corrected T	Temperature Reading:	Correction Factor:	Thermometer ID:	Yes (No					Road					
	Corrected Temperature:	re Reading:	Factor:	ter ID:) Wet Ice:	lab, if rece	TAT starts the	Due Date:	✓ Routine	Tun	Email				
	-0.5:	0.10	-0.60	113	Yes	lab, if received by 4:30pm	TAT starts the day received by the	5/15/20230	Rush	Turn Around	Email: Wesley.Mathews@dvn.com	City, State ZIP:	Address:	Company Name:	Bill to: (if different)
			Pa	ıran	neter	s			Pres. Code		vs@dvn.				
-	801	_	_	802	IB DRO	+ M	POV				com	Artesia,	6488 Se	Devon Energy	Wesley Mathews
_		_	_	le 45			10)					Artesia, NM 88210	6488 Seven Rivers Highway	nergy	Mathews
					_								Highway		
										ANALYS					
										NALYSIS REQUEST					
_			,	_						UEST	Deliverables: EDD	Reporting:Level II L	State of Project:	Program: UST/PST	

Sample Identification CS-32 (4.5')

5/9/2023 Date

11:20 Time

Soil ×

Water

Comp comp

Cont _

×

× ×

		Work Order No:	
		DODODI	上とないない
ag	e 8	32	of

	Р
	į
0	
h	
^	
Dago	

Work Order Comments	
JST/PST	uperfund [
oject:	
.evel II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	Level IV

ADaPT

Other.

Preservative Codes

DI Water: H₂O MeOH: Me

HOLD

NaHSO₄: NABIS

H₃PO₄: HP H2S04: H2 HCL: HC Cool: Cool None: NO

> NaOH: Na HNO3: HN

NaOH+Ascorbic Acid: SAPC Zn Acetate+NaOH: Zn Na₂S₂O₃: NaSO₃

Sample Comments

Page	82	of	86

Revised Date 05012020 Rev. 2020.1

Date/Time



	1 480 207
Project Manager:	
Ethan Sessums	NVIRONMENTAL

NTG Environmental 402 E Wood Ave

Bill to: (if different)

6488 Seven Rivers Highway

Devon Energy Wesley Mathews

100 7		ī	1	T	1	1	101	-	-	2	_		_	_	_	_								
lotice: Signature of this d if service. Xenco will be li f Xenco. A minimum char	Additio	CS-51 (CS-50 (CS-49 (CS-48 (CS-47	CS-46	CS-45	CS-44 (4	CS-43 (4	CS-42 (Sample Iden	Total Containers:	Sample Custody Sea	Cooler Custody Seals	Received Intact:	SAMPLE RECEI	PO#	Sampler's Name:	Project Location	Project Number:	Project Name:	Phone:	City, State ZIP:
ocument and reling lable only for the carrier of \$85.00 will b	nal Comment	(3')	(3')	(3')	(3')	(3')	(3')	(3')	4.5')	4.5')	4.5')	tification		ls: Yes		8				Edo		Pinnacle C	254-266-5456	Carlsbad, NM 88220
uishment of sampost of samples and eapplied to each p	s:	5/9/2023	5/9/2023	5/9/2023	5/9/2023	5/9/2023	5/9/2023	5/9/2023	5/9/2023	5/9/2023	5/9/2023	Date	76	No CNIA	No NIA	es No	mp Blank:	21105882	ellan Smith	ly County, NM	236729	TB 35H Leas		188220
les constitut I shall not as: project and a		11:58	11:56	11:54	11:52	11:50	11:48	11:46	11:44	11:42	11:40	Time	Corrected	Temperat	Correction	Thermom	Yes No					e Road		
es a valid purchas sume any respons charge of \$5 for e		×	×	×	×	×	×	×	×	×	×	Soil	Temperature:	ure Reading:	n Factor:	eter ID:) Wet Ice:	lab, if rece	TAT starts the	Due Date:	✓ Routine	Tur	Email	
e order from ibility for any ach sample sı												Water	-0.	0,	-0,	The	(Yes)	eived by 4:30	day received	5/15/2	Rush	n Around	Wesley.	City, State ZIP
client compa losses or ex ubmitted to)		comp	comp	comp	comp	comp	comp	comp	comp	comp	comp		2	100	600	8	No	pm .	by the	023			Mathews(ZIP:
ny to Xeno penses ind (enco, but		_	_		<u>→</u> .	_	_	→	_	_	_	# of Cont			Pa	ran	neter	rs			Pres. Code		@dvn.co	1
curred by		×	×	×	×	×	×	×	×	×	×	ТРН	801			_		+ M	ROI		_		B	Artesia, NM 88210
iates and the client zed. Thes		×	×	×	×	×	×	×	×	×	×					_								VM 8821
subcontra if such los terms wi				\Box																				0
ctors. It a			+	+	+	+	+	+	+	+	+								_	\dashv	-	AN		
ssigns sta ue to circu ced unles			1	+	+	+	1	+	+	+	\forall					_	_		_	+	\dashv	ALYSI		
andard te imstances s previous																						S REQ		
rms and c beyond t sly negoti			+	+	+	+	+	+	+	+	+				_				_			JEST	Delivera	Reporting:Level III Level III PST/UST
onditions he control			+	+	+		+	+	+	+	+							_	_	+	\dashv		bles: EI	ıg:Level
																							Ö	II 🗌 Lev
		+	+	+	+	+	+	+	+	+	4								_		_		A	el III
		+	+	+	+	+	+	+	+	+			NaC	Zn /			H, H	H C		3	No		DaPT [PST/US
												Samp)H+Asco	Acetate+	S ₂ O ₂ : No	ISO NA	O. HP	H. C.		Cool	e. NO	Prese		T RRP
												e Comi	rbic Acid	NaOH: Z	SO.	RIS		N I	L N	M !	D	rvative	her:	
												nents	SAPC	5			CI. No	OH: NO	O I WIG	OH: Mo	Water H	Codes		Level IV
	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.	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.	Additional Comments: CS-50 (3') S/9/2023 11:56 X Comp 1 X X X X X X X X X	CS-49 (3') S/9/2023 11:56	CS-49 (3') Syl/2023 11:52 x comp 1 x x x x x x x x x x x x x x x x x x	CS-47 (3') 5/9/2023 11:50 x comp 1 x x x x x x x x x	CS-46 (3') 5/9/2023 11:48 x comp 1 x x x x x x x x x	CS-45 (3) 5/9/2023 11:46 x comp 1 x x x x x x x x x	CS-44 (4.5) 5/9/2023 11:44 x comp 1 x x x x x x x x x	CS-43 (4.5) 59/2023 11:42 x comp 1 x x x x x x x x x	CS-42 (4.5)	ions	NaO	ions	HOL	ontrol HOLD	MahSO ₄ : NABIS NahSO ₂ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH NaOH+Ascorbic A Sample Co	H ₂ S0 ₄ : H ₂ H ₃ PO ₄ : HP Amathor in Manuscontic Ample Co Sample Co Sample Co	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 NaOH+Ascorbic A Sample Cc	Cool: Cool HCL: HC H ₂ S0 ₄ : H ₂ H ₃ PO ₄ : HP Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH NaOH+Ascorbic A Sample Co	None: NO Cool: Cool HCL: HC H ₂ SO ₄ : H ₂ NaHSO ₄ : NaSIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH NaOH+Ascorbic A Sample Cc	Preservati 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 NaOH+Ascorbic A Sample Co	Preservati None: NO Cool: Cool HCL: HC H₂S04: H₂ NaHSO4: NABIS NaZS2O3: NASO3 Zn Acetate+NaOH NaOH+Ascorbic A Sample Co Sample Co	

	_	age	Page5 of _8
Work (Work Order Comments	ents	
Program: UST/PST ☐PRP ☐Brownfields ☐RRC ☐uperfund ☐	Brownfields	RRC	uperfund
State of Project:			
Reporting:Level III Level III PST/UST PRRP Level IV	□PST/UST	TRRP	Level IV
Deliverables: EDD	ADaPT	Other:	

Page 83 of 86

Work Order No: /



Project Manager: Ethan Sessums

		0			DIII (U. (II differen	I)	Wes	Wesley Mathews	tnews							Work	Order	Work Order Comments	ente		
Company Name:	NTG Environmental	ental			Company Name	e:	Dev	Devon Energy	ſgy				Progr	am: US	T/PST	PRP	Brow	Program: UST/PST PRP Rrownfields PPC	788		
Address:	402 E Wood Ave	Ve		4	Address:		6488	Sever	6488 Seven Rivers Highway	lighway			State	State of Project:	ect:	[,		Ç		- uperiuliu
City, State ZIP:	Carlsbad, NM 88220	88220			City, State ZIP		Arte	sia, NM	Artesia, NM 88210				Repor	ting:Lev	Reporting:Level II Level III PST/UST	Level II	- Ds		TRRP		Level IV
Phone:	254-266-5456			Email:	Wesley.Mathews@dvn.com	ews@dvr	ı.com						Delive	Deliverables: EDD	EDD		ADaf		Other:		:
Project Name:	Pinnacle C	Pinnacle CTB 35H Lease Road	Road	Turn	Turn Around						INA	VCIC D	ANAI YSIS REQUEST							,	
Project Number		226720		√ Routine	Duch	Pres.	+	1		-	77.	- 1010	רעטבטו		-	-	-	7	reserva	Preservative Codes	les
		671007		Nodulle	L KUSII	Code		T		+		\vdash			L	_		None: NO	O	DI Wat	DI Water: H ₂ O
Project Location	Eddy	Eddy County, NM		Due Date:	5/15/2023))							_	_		Cool: Cool	00	MeOH: Me	Me
Sampler's Name:	Ke	Kellan Smith		TAT starts the c	TAT starts the day received by the	ie .		/RC				_			_	_		HCL: HC	ਨ	HNO ₃ : HN	Z
PO#		21105882		lab, if receiv	lab, if received by 4:30pm			+ N							_			H . 0.5.H	, ;	NaOH.	20 2
SAMPLE RECEIPT		Temp Blank:	Yes No	Wet Ice:	Xes No	eter	В	ORO	00						_			112004	112	Naon. Na	Na a
Received Intact:	Yes	S) No		ter ID:	11	ram	3021) + [e 45								D	Nauso N		•	
Cooler Custody Seals:	s: Yes	No NIA	Correction Factor	Factor:	1000	Pa	EX	GRO	orid								HOL	NO S O	Narso, Nasa	0	
Sample Custody Seals:	ls: Yes	No NIA	Temperatu	Temperature Reading:	010		вт	М (Chl			_						70 000	Na ₂ O ₂ O ₃ . Na ₃ O ₃	3	
Total Containers:		76	Corrected	Corrected Temperature:	-0.5°			8015								_		+HOeN	VaOH+Ascorbic Acid:	NaOH+Assorbic Asid: SABS	5
Sample Identification	tification	Date	Time	Soil	Water Comp	# of Cont		TPI										S	ample (Sample Comments	ts
CS-52 (3')	(3')	5/9/2023	12:00	×	comp	\neg	×	×	×	+		+		4	+	+	\dagger				
SW-1 (0-4"))-4")	5/9/2023	12:20	×	comp	p 1	×	×	×			+		4	+	+	\dagger	1			
SW-2 (0-4'))-4")	5/9/2023	12:22	×	comp	p 1	×	×	×			+		4	+	+	\dagger				
SW-3 (0-4"))-4")	5/9/2023	12:24	×	comp	р 1	×	×	×	1		+		+	+	+	\dagger				
SW-4 (0-4.5')	4.5')	5/9/2023	12:26	×	comp	p 1	×	×	×	1		+		4	+	$^{+}$	+				
SW-5 (0-4.5')	4.5')	5/9/2023	12:28	×	comp	p 1	×	×	×			+		4	+	$^{+}$	\dagger	T			
	4.5')	5/9/2023	12:30	×	comp	p 1	×	×	×			+		4	+	+	1				
	4.5')	5/9/2023	12:32	×	comp	р 1	×	×	×			+		-	+	\dagger	1				
	4.5')	5/9/2023	12:34	×	comp	p 1	×	×	×			+		+	+	\dagger	1				~
SW-9 (0-4.5')	4.5')	5/9/2023	12:36	×	comp	0 1	×	×	×			\mathbb{H}			+	\forall					
7/2023 Additio	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.	ocument and relinquable only for the cos	ishment of sample t of samples and applied to each p	les constitutes shall not assu roject and a c	s a valid purchase ime any responsib harge of \$5 for eac	order from client oility for any losses h sample submitt	company to so or expense ed to Xenco,	Xenco, it	s affiliated by the analyzed	es and sub client if s	contractors uch losses a ms will be	. It assignare due to enforced u	s standar circumsta	s. It assigns standard terms and conditions are due to circumstances beyond the control enforced unless previously negotiated.	d condition d the contiated.	trol						
Relinquished by: (Signature)	(Signature)	1	Received	Received by: (Signature)	11/18		Date/Time	ime		Relinquished by: (Signature)	shed by	(Signa	ture)	Re	Received by: (Signature)	by: (S	ignatu	(e)		Date/Time	
		18/1	Mora	WHA	TO SA	5-10	5-10-23	13	2												
				,	1				4												
on on					(თ				_						T		

Work Order No: H030301

Page 6

앜

œ

Page 84 of 86





o o		1	UD. 0/2	7/2023	7 40	74-0	LE	111	0	0	1		10	_	-															
		Relinquished by (Signature)	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 condition 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 cof 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.	Additio	OW-13 (0-4.5)	SW-18 (0-4.5)	SW-17 (0-4.5")	SW-16 (0-4.5')	SW-15 (0-4.5')	SW-14 (0-4.5')	SW-13 (0-4.5')	SW-12 (0-4.5')	SW-11 (0-4.5')	SW-10 (0-4.5')	Sample Identification	Total Containers:	Sample Custody Seals:	Cooler Custody Seals	Received Intact:	SAMPLE RECEIPT	PO#:	Sampler's Name:	Project Location	Project Number:	Project Name:	Phone:	City, State ZIP:	Address:	Company Name:	Project Manager:
	0	(Signature)	nature 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 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 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.	Additional Comments:	4.0)	4.5')	4.5')	4.5')	-4.5')	-4.5')	-4.5')	-4.5')	4.5')	-4.5')	tification		s: Yes	Yes Yes	Yes			Ke	Edd		Pinnacle C	254-266-5456	Carlsbad, NM 88220	402 E Wood Ave	NTG Environmental	Ethan Sessums
	J. J. J.		uishment of samples and applied to each p	,,	5/9/2023	5/9/2023	5/9/2023	5/9/2023	5/9/2023	5/9/2023	5/9/2023	5/9/2023	5/9/2023	5/9/2023	Date	76	No (NIA)	No (NIA)	No No	Temp Blank:	21105882	Kellan Smith	Eddy County, NM	236729	Pinnacle CTB 35H Lease Road		88220	ve	nental	ns
	MON	Received	les constitutes shall not assu roject and a cl		1:00	12:54	12:52	12:50	12:48	12:46	12:44	12:42	12:40	12:38	Time	Corrected	Temperatu	Correction Factor:	Thermometer ID:	Yes Mo					e Road					
	(Len	Received by: (Signature	a valid purchase ime any responsi harge of \$5 for ea		×	×	×	×	×	×	×	×	×	×	Soil	Corrected Temperature:	Temperature Reading:	Factor:	ter ID:	Wet Ice:	lab, if rece	TAT starts the	Due Date:	✓ Routine	Turi	Email:				
	36d	6)/	e order from client bllity for any loss ich sample submit		comp	comp	comp	comp	comp	comp	comp	comp	comp	comp	Water Comp	-0,5	0.10	-0,60	1.7	Yes No	lab, if received by 4:30pm	TAT starts the day received by the	5/15/2023	Rush	Turn Around	Wesley.Mathews@dvn.com	City, State ZIP	Address:	Company Name	Bill to: (if different)
	5.10	0	t company to X es or expenses tted to Xenco, b		1 1	1p 1	1 1	np 1	np 1	np 1	np 1	np 1	np 1	np 1	ab/ # of np Cont			Pa	ram	eter		the		Pres.		hews@dvn.	P		me:	int)
	10-23	Date/Time	enco, its incurred out not a		×	×	×	×	×	×	×	×	×	×			ВТ	EX	8021	В						com	Artes	6488	Devo	Wes
	2	me	affiliates by the c		×	×	×	×	×	×	×	×	×	×	TPH	801	5M (GR) + C	DRO	+ MI	RO)					Artesia, NM 88210	Seven	Devon Energy	Wesley Mathews
o	4 2		and sub lient if su These ter		×	×	×	×	×	×	×	×	×	×			Chl	orid	e 45	00			4	\perp			88210	6488 Seven Rivers Highway	Ϋ́	lews
		Relinquish	contract uch losse rms will t		\parallel	Н		+	+	+	+	+	+	+			_						+	\dashv				Highwa		
		uished	ors. It as is are due be enforc					+	+	+	+	+	+	+				_	_			_	+	\dashv	AN			1		
		by: (Si	signs sta to circu ed unless						\dagger			1	1	1									+		ALYSI					
		ned by: (Signature)	ndard te mstance s previou																						ANALYSIS REQUEST					
+		e)	It assigns standard terms and conditions edue to circumstances beyond the contro forced unless previously negotiated.				_	_	\downarrow	_	4	_	4	4											UEST	Deliver	Report	State	Progra	
		Re	condition the cont tiated.		_	\dashv	+	+	+	+	+	+	+	+									+	4		Deliverables: EDD	Reporting:Level II Level III	State of Project:	am: US	
		ceived	ns rol			\dashv	+	+	+	+	+	+	+	+						_			+	+		EDD [Ċ.	T/PST	
		by: (Si				1	\top	\dagger	\dagger	\dagger	+	\dagger	\dagger	+									+	+			evel III	ı	PRP	Work
		Received by: (Signature)																HOL	D				\dagger			ADaPT	□PST/UST	I	Brow	Work Order Comments
		9													S	NaOH+	7n Ace	No CO	Nauso . N	п ₂ ои ₄ . п ₂	HCT. HC	C001: C00	None: NO	-	0		TSU/		nfields	Comm
T															ample	Ascorbi	Na ₂ O ₂ O ₃ , Na ₃ O ₃	Na S O : NaSO	TAN DATE	П ₂	: त	00	. C	A local	rocory	Other:	RRP	[Program: UST/PST PRP Brownfields RRC	ents
		Date/Time													Sample Comments	NaOH+Ascorbic Acid: SAPC	Zn Acetate+NaOH: Zn	ס ס	5	NaOH: Na	HNO3: HN	MeOH: Me	DI Water: H	r reservative Codes	ative Code		P Level IV		C uperfun	
1	1 1								- 1		- 1	1				.)				D	2	Ф	7	U)		2		5	100

Work Order No: Ha3332/

Page 85 of 86

Page ___7_

of

☐ Level IV ☐

__uperfund __

MeOH: Me HNO₃: HN NaOH: Na

DI Water: H₂O



Address: City, State ZIP:

Company Name:

NTG Environmental

Carlsbad, NM 88220 402 E Wood Ave

Address: City, State ZIP:

Artesia, NM 88210 6488 Seven Rivers Highway Company Name:

Devon Energy

		MOCO	Relinquished by: (Sign	otice: Signature of this docume f service. Xenco will be liable of f Xenco. A minimum charge of	Additional Comments:					CS-4 (4')	SW-24 (0-3')	SW-23 (0-3')	SW-22 (0-3')	SW-21 (0-3')	SW-20 (0-4.5')	Sample Identification		Total Containers:	Sample Custody Seals:	Cooler Custody Seals:	Received Intact:	SAMPLE RECEIPT	PO#:	Sampler's Name:	Project Location	Project Number:		
		7	Relinquished by: (Signature) Received by: (Signature) Received by: (Signature)	voluce: 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 \$55,00 will be applied to each project of the control of the control of Xenco.	Comments:					5/9/2023	5/9/2023	5/9/2023	5/9/2023	5/9/2023	5/9/2023	ation Date		76	Yes No (N/A)	Yes No NIA	Yes No	Temp Blank:	21105882	Kellan Smith	Eddy County, NM	236729	Pinnacle CTB 35H Lease Road	254-266-5456
	WWW WI	MORO Signature	Received by	es constitutes a						1:25	1:10	1:08	1:06	1:04	1:02	Time		Corrected Temperature:	Temperature Reading:	Correction Factor:	Thermometer ID:	Yes (M6)			D		e Road	
	Maria	My	ge of \$5 for each	valid purchase o						×	×	×	×	×	×	Soil		mperature:	Reading:	actor:	r ID:	Wet Ice:	lab, if receiv	AT starts the d	Due Date:	✓ Routine	Turn	Email:
	1	8	sample submitt	order from client lity for any losse						comp	comp	comp	comp	comp	comp	Water Comp	HE	18 00	5/0	-0.60		Yes No	lab, if received by 4:30pm	TAT starts the day received by the	5/15/2023	Rush	Turn Around	Email: Wesley.Mathews@dvn.com
	070		ed to Xenco,	company to) s or expenses						p 1	р 1	ъ 1	ip 1	1p 1	ъ 1	th Cont				Par	ram	eter		1		Code		news@dvr
	2	Date/Time	but not anal	enco, its aff				_		+	×	×	×	×	×				_	EX 8	_							1.com
0	4	7777	yzed. These	iliates and su				1		+	×	×	×	+	×	TF	H 80	_		oride	_	00 -	- MF	(0)	+	-		
		Relinqu	terms will be	ubcontracto			+	+	+	+	+	+	+	+	+					_					1			
		shed by:	enforced u	s. It assign			1	1	1		1	1		_	+										+		ANAL	
		Relinquished by: (Signature)	nless previo	s standard t	ŀ	+	+		+	+	+	+	+	+	+				_	_	_	_			+		ANALYSIS REQUEST	
+	+	re)	usly negotia	terms and c		_	_	+	1	+	_	_	1	1	1										+	- 20101	OUEST	Delivera
		Recei	ated.	onditions	ŀ	+			+	+	+		+		+	-			_						+	-		Deliverables: EDD
		/ed by: (╟	+	+	+	+	+	+	+	_	Ŧ	1										+			
		Received by: (Signature)				†	\pm	+	†	\pm	$^{+}$	+	+	\perp	+				н	OLD)				+			ADaPT 🗆
_	_	39														Sar	NaOH+A	Zn Aceta	Na ₂ S ₂ O ₃ : NaSO ₃	NaHSO ₄ : NABIS	H ₃ PO₄: HP	H ₂ S0 ₄ : H ₂	HCL: HC	Cool: Cool	None: NO	PIE		
		Date/Time														Sample Comments	NaOH+Ascorbic Acid: SAPC	Zn Acetate+NaOH: Zn		NABIS	P	NaOH: Na	HNO ₃ : HN	ool MeOH: Me	O DI Water: H ₂ O	Preservative Codes		Other:
							1 7									S	Õ					la	Ž	Ие	r: H ₂ 0	es		1

		P	age8	Page8 of8	7
	Work	Work Order Comments	nents		
	Program: UST/PST ☐PRP ☐Brownfields ☐RRC ☐uperfund ☐	Brownfields	RRC	uperfun	
	State of Project:		- 1		
	Reporting:Level III Level III PST/UST TRRP Level IV	□PST/UST	RRP	Level IV	
_	Deliverables: EDD	ADaPT	Other:		
,					

Page 86 of 86

Work Order No: 103333/



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/ga/lab accred certif.html.

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

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

Celey D. Keine

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

05/26/2023 Sampling Type: Solid

Sampling Date:

Project Name: PINNACLE CTB 35H LEASE ROAD Project Number: 236729

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

05/23/2023

Project Location: DEVON-EDDY CO., NM

Sample ID: SW - 1A (0-4') (H232633-01)

BTEX 8021B	mg,	/kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.2	% 49.1-14	8						

A ... - I. ... - - I D. ... 311 /

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 whistoever 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.

Celey D. Keine



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 Sampling Date: 05/23/2023 Sampling Type: Solid

Project Name: PINNACLE CTB 35H LEASE ROAD
Project Number: 236729

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Project Number: 236729

Project Location: DEVON-EDDY CO., NM

Sample ID: SW - 2A (0-4') (H232633-02)

BTEX 8021B	mg	/kg	Analyze	ed 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.7	% 49.1-14	18						

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 whistoever 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.

Celey D. Keine



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

PINNACLE CTB 35H LEASE ROAD

Project Number: 236729

Project Name:

RTFY 8021R

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 - 3A (0-4') (H232633-03)

BIEX 8021B	mg	/кд	Anaiyze	a 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112	% 49.1-14	8						

Applyzod By: 1H /

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 whistoever 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.

Celey D. Keene



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 - 4A (4-4.5') (H232633-04)

BTEX 8021B	mg/	/kg	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.9	% 49.1-14	8						

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.

Celey D. Keene



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

PINNACLE CTB 35H LEASE ROAD

mg/kg

Project Number: 236729

Project Name:

BTEX 8021B

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 - 5A (0-4.5') (H232633-05)

	9,	9	7	7: 5::.,					
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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

Analyzed By: JH/

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 whistoever 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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene



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

PINNACLE CTB 35H LEASE ROAD

mg/kg

Project Number: 236729

Project Name:

BTEX 8021B

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 - 6A (0-4.5') (H232633-06)

	9,	9	7	7: 5::.,					
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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.0	% 49.1-14	8						

Analyzed By: JH/

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 whistoever 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.

Celey D. Keene



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 Sampling Date: 05/23/2023 Sampling Type: Solid

Project Name: PINNACLE CTB 35H LEASE ROAD
Project Number: 236729

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Desired Leasting DEVON EDD

Project Location: DEVON-EDDY CO., NM

mg/kg

Sample ID: SW - 7A (0-4.5') (H232633-07)

BTEX 8021B

DILX GOZID	ıııg,	ng .	Andryzo	.u Dy. 3117					
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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.5	% 49.1-14	8						

Analyzed By: JH/

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 whistoever 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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene



Tamara Oldaker

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

05/23/2023Sampling Date:05/23/202305/26/2023Sampling Type:SolidPINNACLE CTB 35H LEASE ROADSampling Condition:Cool & Intact

Sample Received By:

Project Name: PINNAC Project Number: 236729

Project Location: DEVON-EDDY CO., NM

Froject Location. DEVON-EDDT Co., Niv

Sample ID: SW - 8A (0-4.5') (H232633-08)

BTEX 8021B	mg,	'kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.3	% 49.1-14	8						

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 whistoever 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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



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

PINNACLE CTB 35H LEASE ROAD

Project Number: 236729

Project Name:

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 - 9A (0-4.5') (H232633-09)

BTEX 8021B	mg,	'kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.0	% 49.1-14	8						

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.

Celey D. Keene



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

PINNACLE CTB 35H LEASE ROAD

Project Number: 236729

Project Name:

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 - 10A (0-4.5') (H232633-10)

BTEX 8021B	mg	/kg	Analyze	ed 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	% 71.5-13	14						
Chloride, SM4500CI-B	mg	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	34						
Surrogate: 1-Chlorooctadecane	82.5	% 49.1-14	18						

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 whistoever 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.

Celey D. Keene



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

PINNACLE CTB 35H LEASE ROAD

Project Number: 236729

Project Name:

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 - 11A (0-4.5') (H232633-11)

BTEX 8021B	mg,	/kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.6	% 49.1-14	8						

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 whistoever 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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Kreine



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 Sampling Date: 05/23/2023 Sampling Type: Solid

Project Name: PINNACLE CTB 35H LEASE ROAD Sampling Condition: Cool & Intact Tamara Oldaker Sample Received By:

Project Number: 236729

Project Location: DEVON-EDDY CO., NM

Sample ID: SW - 12A (0-4.5') (H232633-12)

BTEX 8021B	mg,	/kg	Analyze	d 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 5	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.9	% 49.1-14	8						

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.

Celey D. Keene



05/23/2023

Solid

Analytical Results For:

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

Received: 05/23/2023 Sampling Date:

Reported: 05/26/2023 Sampling Type:

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)

BTEX 8021B	mg,	'kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.2	% 49.1-14	8						

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 whistoever 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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



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

PINNACLE CTB 35H LEASE ROAD

Project Number: 236729

Project Name:

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 - 14A (0-4.5') (H232633-14)

BTEX 8021B	mg/	kg	Analyze	d 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 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.2	% 49.1-14	8						

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.

Celey D. Keene



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

PINNACLE CTB 35H LEASE ROAD

Project Number: 236729

Project Name:

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 - 15A (0-4.5') (H232633-15)

BTEX 8021B	mg	/kg	Analyze	ed 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	% 71.5-13	14						
Chloride, SM4500CI-B	mg	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	14						
Surrogate: 1-Chlorooctadecane	95.3	% 49.1-14	18						

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 whistoever 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.

Celey D. Keene



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

PINNACLE CTB 35H LEASE ROAD

Project Number: 236729

Project Name:

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 - 16A (0-4.5') (H232633-16)

BTEX 8021B	mg	/kg	Analyze	ed 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.6	% 49.1-14	8						

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 whistoever 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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



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

PINNACLE CTB 35H LEASE ROAD

Project Name: 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 - 17A (0-4.5') (H232633-17)

BTEX 8021B	mg/	'kg	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d 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	Analyze	d 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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.3	% 49.1-14	8						

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.

Celey D. Keene



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

05/26/2023 Sar PINNACLE CTB 35H LEASE ROAD Sar

Project Name: PINNAC 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	Analyze	ed 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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 whistoever 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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



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

PINNACLE CTB 35H LEASE ROAD

Project Number: 236729

Project Name:

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	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.2	% 49.1-14	8						

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.

Celey D. Keene



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

PINNACLE CTB 35H LEASE ROAD

Project Name: 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 - 21A (3-4.5') (H232633-20)

BTEX 8021B	mg	'kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	'kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.9	% 49.1-14	8						

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.

Celeg D. Keine



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

ecovery.

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 whistoever 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.

Celey D. Keene



City, State ZIP:

254-266-5456

Email: Wesley.Mathews@dvn.com

Artesia, NM 88210 6488 Seven Rivers Highway

Address: City, State ZIP:

Company Name:

Devon Energy Wesley Mathews

State of Project:

Deliverables: EDD

ADaPT

Other:

Reporting:Level II Level III PST/UST

RRP

Level IV

Program: UST/PST PRP Brownfields RRC

uperfund

Work Order Comments

of

Carlsbad, NM 88220 402 E Wood Ave NTG Environmental

Company Name: Address:

Work Order Con		Vesley Mathews	Bill to: (if different)
Work Order No:			

Project Location Eddy Co. NM Dub Date Cash	Project Name:	Pinnacle CTB 35H Lease Road	se Road	Tur	Turn Around	,			
Received Intact:	oject Number:	236729		Routine	✓ Rush	Code			
Sample S	oject Location	Eddy Co. NM		Due Date:	72 HR				
SAMPLE RECEIPT Temp Blank: Yes	mpler's Name:	Jordan Tyner		TAT starts the	day received by the	u u		IRO)	
SAMPLE RECEIPT Temp Blank: Yes 460 Well los: 465 No Thermometer ID: 1/3 No No 1/4 No No No 1/4 No No No No No No No N)#.	21105882		lab, if rece	eived by 4:30pm			+ M	_
Received Infact:	MPLE RECEIPT	Temp Blank:	Yes No		\cup	eter	В	RO ·	00
Cooler Custody Seals: Yes No (MA) Correction Factor: - D C C E M MA Correction Factor: - D C C E M MA Correction Factor: - D C C E M MA Temperature: 1, 4 C C M M M M M M M M	ceived Intact:	Yes No	Thermon	neter ID:	(14	am	021) + 0	450
Sample Custody Seals: Yes No (MA) Temperature Reading: 24.5 € 2 Em Mark Company to Xenzo. Its affiliates and subcontractors. It assigns standard terms and conditional Pays (Signature) Sample Identification Date Time Soil Water Comp Cont # of Em Mark Comp 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-3A (0-4*) 5/23/2023 X Comp 1 X X X SW-3A (0-4.5) 5/23/2023 X Comp 1 X X X SW-4A (4-4.5) 5/23/2023 X Comp 1 X X X SW-4A (0-4.5) 5/23/2023 X Comp 1 X X X SW-4A (0-4.5) 5/23/2023 X Comp 1 X X X <td>oler Custody Seals:</td> <td><mark>⊗</mark></td> <td>Correction</td> <td>n Factor:</td> <td>-0.60</td> <td>Par</td> <td>EX 8</td> <td>GRO</td> <td>ride</td>	oler Custody Seals:	<mark>⊗</mark>	Correction	n Factor:	-0.60	Par	EX 8	GRO	ride
Sample Identification Date Time Soil Water Grab # of Example Identification Date Time Soil Water Grab # of Example Identification Date Time Soil Water Grap Cont Example Identification Date Time Soil Water Grab # of Example Identification Date	nple Custody Seals:	N _O	Tempera	ture Reading:	_		вті	М (Chlo
Sample Identification Date Time Soil Water Comp Cont E	al Containers:		Corrected	d Temperature:	1.9 %			8015	
Sample Identification Date Time Soil Water Graph # of Gont F Gont Gont F						+		'H 8	
SW-1A (0-4) 5/23/2023 X Comp 1 X X X X X X X X X	Sample Identificat		Time	Soil				TPI	
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-5A (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-9A (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 SW-10A (0-4.5) 5/23/2023 X Comp 1 X X X SW-10A (0-4.5) 5/23/2023 X Comp <td>SW-1A (0-4')</td> <td>5/23/2023</td> <td></td> <td>×</td> <td>Comp</td> <td></td> <td>+</td> <td>×</td> <td>×</td>	SW-1A (0-4')	5/23/2023		×	Comp		+	×	×
SW-3A (0-4') 5/23/2023 X Comp 1 X X X X X X X X X	SW-2A (0-4')	5/23/2023		×	Comp	\neg	×	×	×
SW-4A (4.4.5) 5/23/2023 X	SW-3A (0-4')	5/23/2023		×	Comp		×	×	×
SW-5A (0-4.5') SW-6A (0-4.5') SW-6A (0-4.5') SW-7A (0-4.5')	SW-4A (4-4.5')			×	Comp		×	×	×
SW-6A (0-4.5') SW-7A (0-4.5') SW-7A (0-4.5') SW-9A (0-4.5')	SW-5A (0-4.5')			×	Comp		×	×	×
SW-7A (0-4.5') SW-8A (0-4.5') SW-8A (0-4.5') SW-9A (0-4.5') SW-10A (0-4.5') SW-	SW-6A (0-4.5')			×	Comp		×	×	×
SW-8A (0-4.5') SW-9A (0-4.5')	SW-7A (0-4.5')		X	×	Comp		×	×	×
SW-9A (0-4.5') SW-10A (0-4.5') SW-10A (0-4.5') SW-10A (0-4.5') Additional Comments: Additional Comments: Additional Comments: *** *** *** *** *** *** ***	SW-8A (0-4.5')			×	Comp		×	×	×
Additional Comments: Additional Comments: Relinquished by: (Signature) Received by: (Signature)	SW-9A (0-4.5')			×	Comp		×	×	×
Additional Comments: Additional Company to Xenco, its affiliates and subcontractors. It assigns standard terms and cond the cond terms and subcontractors. It assigns an	SW-10A (0-4.5')			×	Comp	1	×	×	×
otice: 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 cond f 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 f 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) Authority (Signature) Page (Signature)	Additional C	omments:							
Relinquished by: (Signature) Received by: (Signature) Page 7 Relinquished by: (Signature) Page 7 ce: Signature of this docume rvice. Xenco will be liable or nco. A minimum charge of \$	nt and relinquishment of sam nly for the cost of samples an \$85.00 will be applied to each	ples constitu d shall not as project and a	tes a valid purchas sume any respons charge of \$5 for e	e order from client c sibility for any losses ach sample submitte	ompany to or expense d to Xenco,	Xenco, its es incurred , but not a	s affiliate d by the analyzed	tes and se client i	
2021 5-5-5-3 MINION WILLIAM 8-3-3-3-3 1500 2	Relinquished by: (Sign	nature)	Receive	d by: (Signator	re)//		Date/Ti	ime	
4	Jan Star		CHON.	Media	NOW	6-3	3-23		8

Page 23 of 25



Company Name: ddress:

402 E Wood Ave NTG Environmental

Address: Company Name: Bill to: (if different)

6488 Seven Rivers Highway

State of Project:

Program: UST/PST ☐PRP ☐Brownfields ☐RRC

□uperfund □

Work Order Comments

of

Devon Energy Wesley Mathews

Wo
훘
ord
er
o.
7
S
S
2
Ü
(N

254-266-5456	Empile Woolow Math	housedan								1	7			
	Elliali. vvesley.ividii lews(@uvii.com	HANDIMONIT.	COM						Deli	Deliverables: EDD	s: EDD		ADal	ADaPT
Project Name: Pinnacle CTB 35H Lease Road	Turn Around						ANAL	ANALYSIS REQUEST	EQUES	Ŧ				Preservative Codes
917	outine 🗸 Rush	Pres. Code				\dashv			\dashv			-	-	None: NO
Project Location Eddy Co. NM Due Date:	Date: 72 HR					-		1	\dashv	+		\dashv	+	Cool: Cool
Jordan Tyner	the day re	the		IRO)								_	_	HCL: HC
	lab, if received by 4:30pm			+ M		_						_		H ₂ SO ₄ : H ₂
SAMPLE RECEIPT Temp Blank: Yes (NO) Wet Ice:	it lice: Xes No	eter	В	DRO	00							_		H. PO HP
Thermomete	1/2		3021	0 + 1	e 45							_	.D	NaHSO : NARIS
NA	1		EX	GR	orid	_						_	ноі	Na.S.O.: NaSO.
No NA	2,6		вт	5М (Chl	_						_		Zn Acetate+NaOH: Zn
(rature: 1, 9 °			801		_			_					NaOH+Ascorbic Acid: SAPC
Sample Identification Date Time Soil	oil Water Grab/			ТРН										
		mp Cont												sample Comments
SW-11A (0-4.5') 5/23/2023 X	X Comp	mp 1	×	×	×									
SW-12A (0-4.5') 5/23/2023 X	X Comp	mp 1	×	×	×	-			+			+	+	+
SW-13A (0-4.5') 5/23/2023 X		mp 1	×	×	×	-			+			+	+	+
SW-14A (4-4.5') 5/23/2023 X		mp 1	×	×	×	-		_	+			+	+	+
SW-15A (0-4.5') 5/23/2023 X		mp 1	×	×	×	+			+	. ,		+	+	+
SW-16A (0-4.5') 5/23/2023 X		mp 1	×	×	×	+			+			+	+	
SW-17A (0-4.5') 5/23/2023 X		mp 1	×	×	×	-			\dashv			+	+	
SW-18A-(0-4:5')- 57 5/23/2023 X		mp 1	×	×	×	+			+			+	+	
SW-19A (0-4.5') 5/23/2023 X		mp 1	×	×	×	-			+			+	+	
SW-20A (0-4.5') 5/23/2023 X	X Comp	mp 1	×	×	×							H		
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.	d purchase order from clien y responsibility for any loss f \$5 for each sample submi	nt company to X ses or expenses itted to Xenco,	Xenco, its s incurred but not a	s affiliate d by the nalyzed.	es and sut client if s	bcontracto uch losses	rs. It assi s are due t e enforced	 It assigns standard terms and condi- are due to circumstances beyond the co- enforced unless previously negotiated. 	ances bey	and cond rond the c	ditions control			
Relinquished by: (Signature) Received by: (Signature)	signaturé) / /		Date/Time	me		Relinqu	ished b	Relinquished by: (Signature)	ature)		Receiv	Received by: (Signature)	Signatu	ıre)
MILLIAN IN	M. HOPPI	5-23-23	3-23	152	2002									
2	7				4									
					6									

Wo
츳
Orde
<u>e</u>
0
1
0
2
201
2
W
CU

Page 24 of 25

Address: Company Name:

NTG Environmental

Company Name: Bill to: (if different)

Devon Energy Wesley Mathews

Program: UST/PST PRP Brownfields RRC uperfund

Work Order Comments

of.

	Now	Relinquished by: (Signature)	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 controp 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.	Addition						SW-21A (3-4.5')	Sample Identification	Total Containers:	Sample Custody Seals:	Cooler Custody Seals:	Received Intact:	SAMPLE RECEIPT	PO #:	Sampler's Name:	Project Location	Project Number:	Project Name:	Phone:	City, State ZIP:	Address:
		(Signature)	ocument and relinquable only for the cos	Additional Comments:						3-4.5')	tification		Yes	Yes	Yes		2	Jor	Edo		Pinnacle CT	254-266-5456	Carlsbad, NM 88220	402 E Wood Ave
		1	ishment of sample it of samples and s applied to each pro							5/23/2023	Date		No (N/A)	No (N/A)	No	Temp Blank:	21105882	Jordan Tyner	Eddy Co. NM	236729	Pinnacle CTB 35H Lease Road		38220	/e
	1880	Received	s constitut hall not ass oject and a								Time	Corrected	Temperat	Correction Factor:	Thermometer ID:	Yes (Mo)					Road			
		Received by: (Signature	es a valid purchas sume any respons charge of \$5 for ea							×	Soil	Corrected Temperature:	Temperature Reading:	n Factor:	eter ID:) Wet Ice:	lab, if rece	TAT starts the	Due Date:	Routine	Turr	Email:		
	A CONTRACTOR OF THE PROPERTY O	re)/	e order from clien ibility for any loss ach sample subm					+	-	Comp	Water Comp	1,9:	2.5°	-0,6°	//3	Yes No	lab, if received by 4:30pm	TAT starts the day received by the	72 HR	√ Rush	Turn Around	Email: Wesley.Mathews@dvn.com	City, State ZIP	Address:
-	5.5		it company t ses or expen itted to Xenc				Н	+	-	mp 1	ab/ # of np Cont			Pa	aran	neter		the		Code		news@dv	.,	
	5-6-5-6-3	Date/Time	o Xenco, it ses incurre o, but not		\mathbf{H}			+		×	= -		В	TEX	802	1B				ē .º		n.com	Artes	6488
	3/50	ime	s affiliates ed by the c analyzed.							×	ТР	H 801	5M (GR	0+	DRO	+ M	RO)					Artesia, NM 88210	6488 Seven Rivers Highway
ŀ	6 4 2	71	and subc		\vdash	+	\vdash	+	+	×			Ch	loric	ie 45	500	_						8210	Rivers Hi
		elinquis	ontractors th losses a	×		*		+																ghway
		shed by	t lt assignare due to		П			_													ANAL			
		Relinquished by: (Signature)	ns standar circumsta		\vdash			+	\perp					_				_		_	/SIS RI			
		iture)	assigns standard terms and conditions due to circumstances beyond the control orced unless previously negotiated.					+					_					_			ANALYSIS REQUEST	Deliv	Repo	State
		R	nd conditi and the cougotiated.					_													-	Deliverables: EDD	Reporting:Level II Level III PST/UST	State of Project:
		Received by: (Signature)	ons		\vdash	+	+	+	H				_	_								EDD [/el II 🔲	ect:
		by: (Si						+									_			\neg			evel III	
		gnature										7	N	но		_						ADaPT	DST/	
L		_									Sar	laOH+A	n Aceta	Na ₂ S ₂ O ₃ : NaSO ₃	NaHSO ₄ : NABIS	H ₂ PO ₄ : HP	H,50.: H,	HCI - HC	Cool: Cool	None: NO	Pre			
		Date/Time									Sample Comments	NaOH+Ascorbic Acid: SAPC	Zn Acetate+NaOH: Zn	NaSO ₃	NABIS			,			Preservative Codes	Other:	☐RRP ☐ Level IV ☐	
		ne									nts	APC					Z Z	Z	Me	DI Water: H ₂ O	des		vel IV	

Work Order No: _

Page 25 of 25



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/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

A I J D. ... 711

Project Location: DEVON-EDDY CO., NM

Sample ID: SW - 18A (0-4.5') (H232636-01)

BTEX 8021B	mg,	/kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	121	% 49.1-14	8						

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 whistoever 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.

Celey & Keene



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

ecovery.

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 whistoever 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.

Celeg D. Freene

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



	Delivered By: (Circle One) Sampler - UPS - Bus - Otl		Relinquished By:	Relinquished By:	analyses. All claims including those for negligence and any other service. In no event shall Cardinal be liable for incidental or consu affiliates or successors arising out of or related to the performance	PLEASE NOTE: Liability and Damages.					-	H232636	Lab I.D.		FOR LAB USE ONLY	Sampler Name:	Project Location:	Project Name: Pinno	Project #: 2367	Phone #: 2547	city: Card Spa	Address: 407	Project Manager:	Company Name: /	
† Cardina	ne) Observed Temp. °C Other: Corrected Temp. °C	Time:	Date:	Date: 23:23	egligence and any other cause whatsoever shall be deemed wan ble for incidental or consequental damages, including without limit elated to the performance of services hereunder by Cardinal, reg.	Cardinal's liability and client's exclusive remedy	4.7			7	57-18H (745		Sample I.D.			Jordan Tym	ady Lo, Nh	ace OB Le	2 Project Owner:	26 5456 Fax #:	State: N	Fr woud Ave	than sessims	176 Environmental	
l cannot accept verbal chan	°C 6 3 Sample Condition Cook Intact Yes 1 Yes 1 Yes		Received By:	Recei	analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, reg., "liess of whether such claim is based upon any of the above stated reasons or otherwise.	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		•			×	# CO GRO WAS SOIL OIL SLU	DNTAIN DUNDW STEWA - DGE	ATER	P. MATRIX		3	SR Read			MZID: 76679			ntal	
ges. Please email change	CHECKED BY: (Initials)		RE	Wedler All	ed unless made in writing and received by Cardinal within 30 days after com ation, business interruptions, loss of use, or loss of profits incurred by client, rilves of whether such claim is based upon any of the above stated reasons	tort, shall be limited to the amount paid by the						OTH DATE	D/BASE / COOL	:	PRESERV. SAMPLING	Fax #:	Phone #:	State: N Mzip: 887	city: Artesia	Address: 6 488 Sunn	Attn: Wiskey May	Company: Deronto	P.O. #: 2/105882	BILL TO	
Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com	Turnaround Time: Standard II Thermometer ID #113 Correction Factor -0.8°C 3 Day		REMARKS:	Result: ☐ Yes ☐ №0 Ilts are emailed. Please prov	pplicable	he client for the					XXX	TIME	BA TP Ch	ex H lori				70		Ara	harts	Esaury		ANA	The same of the sa
om	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Yes Yes No Corrected Temp. °C			Add'l Phone #:													1						,	ANALYSIS REQUEST	



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/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

A d D. ... 311 /

Project Location: DEVON-EDDY CO., NM

Sample ID: SW - 10 B (H232869-01)

BTEX 8021B	mg,	/kg	Analyze	d 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 BTEX	<0.300	0.300	06/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.4	% 49.1-14	8						

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 whistoever 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.

Celey D. Keine



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

Analyzed By: JH/

Project Location: DEVON-EDDY CO., NM

mg/kg

Sample ID: SW - 15 B (H232869-02)

BTEX 8021B

DILX GOZID	iiig/	, kg	Andryzo	u by. 511/					
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 BTEX	<0.300	0.300	06/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	58.8	% 49.1-14	8						

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 whistoever 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.

Celey D. Keene



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 whistoever 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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



101 East Marland, Hobbs, NM 88240

(575) 393-2326	(575) 393-2326 FAX (57 <u>5) 393-2476</u>						1
Company Name: NTG ENGLA	Environ mental		BILL TO		AN	ANALYSIS KEQUESI	
•	SESSUM S.		P.O. #: 2110 548 C		_		
Address: 402 E Wood	Aue		Company: Ded on	- 0+N			
city: Carlsbad	State; M	Zip: 88270	Attn: Wale Good a 11				
Phone #: 254-766-5456	Fax #:		Address:	B)		
			City:		300	- 2	
ame:	CTB 35H Lease Pd	case Pd	State: Zip:	2 m	45		
Project Location: Gddy (O. UM	23		Phone #:		(7
Etur	Sessmis		Fax #:	L	40	,	
		MATRIX	PRESERV. SAMPLING		ه ز		
Lab I.D. Sample I.D.		# CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	BTEX TPH 8	Chlor		
801.00 1 Sw.108	0	-		11:05	1		
881.mS		-	6/6	11:10 - 1)		
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or lost, single be immore using some properties. The publicable analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless interruptions, base of use, or loss of profits incurred by client, its subsidiaries, service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, base of use, or loss of profits incurred by client, its subsidiaries, service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, base of use, or loss of profits incurred by client, its subsidiaries, service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, base of use, or loss of profits incurred by client, its subsidiaries, service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, base of use, or loss of profits incurred by client, its subsidiaries, and the profit of	and client's exclusive remedy for any yother cause whatsoever shall be deen consequental damages, including with the consequental damages, including with the consequents of services here. The by Caro	claim arising whether based in con erned waived unless made in writin ithout limitation, business interrupti dinal, regardless of whether such o	rifs acclusive rennely for any claim arising whether based in contract or turt, stein the miners to the entering whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after yuental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by of services here, "rich by Cardinal, regardless of whether such claim is based upon any of the above stated re	pplicabl	1		
Relinquished Bv:		Received, By:		Verbal Result: ☐ Yes ☐ NO ☐ Add i Fnone #: All Results are emaile: Please provide Email address:	res □ No Ad ∵Please provide	de Email address:	
Relinquished By:	Date:	Received By:		REMARKS:			and Condition
Delivered By: (Circle One)		Sample Condition Cool Intact Wes Wes		Turnaround Time: Thermometer ID #113	70 00	Bacteria (only) Sample Condition Cool Infact Observed Temp. Yes Yes Condition	Observed Temp. °C
Sampler - UPS - Bus - Other:	Corrected Temp. 'C	No No No	No No	Correction Factor -0.6°C	SALLE		Corrected Temp. °C

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

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:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	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