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	NRM2026949931
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party CHISHOLM ENERGY OPERATING, LLC	OGRID 372137	
Contact Name TIM GREEN	Contact Telephone 432-413-9747	
Contact email tgreen@chisholmenergy.com	Incident # (assigned by OCD)	
Contact mailing address 801 CHERRY STREET, SUITE 1200-UNIT 20, FORT WORTH, TX 76102		

Location of Release Source

Latitude 32.326942

Longitude -104.328231 (NAD 83 in decimal degrees to 5 decimal places)

Site Name OCOTILLO 6-31 STATE COM WCB 2H	Site Type WELL SITE LOCATION
Date Release Discovered 09/14/2020	API# (<i>if applicable</i>) 30-015-44835

Unit Letter	Section	Township	Range	County
Р	6	238	26E	EDDY

Surface Owner: X State Federal Tribal Private (Name: _

Nature and Volume of Release

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

Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)	
Produced Water	Volume Released (bbls) 13	Volume Recovered (bbls) 2	
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	X Yes No	
Condensate	Volume Released (bbls)	Volume Recovered (bbls)	
Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)	
Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)	
Course of Palease			

Cause of Release

DUMP VALVE BLOWOUT

LENGTH OF SPILL IS 30' x 30' x 2" = 150 cuft : @ 50% porosity = 75 cuft = 13 bbls

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	_

Oil Conservation Division

Incident ID	NRM2026949931
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Was this a major release as defined by	If YES, for what reason(s) does the responsible party consider this a major release?
19.15.29.7(A) NMAC?	AMOUNT SPILLED WAS LESS THAN 25 BBLS.
Yes X No	
If YES, was immediate ne	otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?

Initial Response

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

X The source of the release has been stopped.

The impacted area has been secured to protect human health and the environment.

X Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.

All free liquids and recoverable materials have been removed and managed appropriately.

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

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

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

Printed Name: JENNIFER ELROD

Signature: <u>Jennifer Elrod</u>

Title: SR. REGULATORY ANALYST

email: jelrod@chisholmenergy.com

Date: <u>09/22/2020</u>

Telephone: 817-953-3728

OCD Only

Received by:

Ramona Marcus

Date: 9/25/2020

Received by OCD: 8/8/2023 12:00:25 AM State of New Mexico

Oil Conservation Division

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Incident ID	nRM2026949931
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Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

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

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

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

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. Field data
- Data table of soil contaminant concentration data
- Depth to water determination
- Determination of water sources and significant watercourses within ¹/₂-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: 8/8/2023 12:00:25 AM Form C-141 State of New Mexico				Page 4 of 231
			Incident ID	nRM2026949931
Page 4	Oil Conservation Division		District RP	
			Facility ID	
			Application ID	
regulations all operators are re public health or the environme failed to adequately investigat	Haskell	ifications and perform co OCD does not relieve the eat to groundwater, surfa	orrective actions for rele operator of liability shi ce water, human health iance with any other fea Manager	ases which may endanger ould their operations have or the environment. In
OCD Only Received by: <u>Shelly Wells</u>	3	Date: <u>8/8/20</u>	23	

Received by OCD: 8/8/2023 12:00:25 AM Form C-141 State of New Mexico

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Incident ID	nRM2026949931
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Remediation Plan

<u>Remediation Plan Checklist</u>: Each of the following items must be included in the plan.

Detailed description of proposed remediation technique

Scaled sitemap with GPS coordinates showing delineation points

Estimated volume of material to be remediated

Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC

Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

<u>Deferral Requests Only</u> : Each of the following items must be con	firmed as part of any request for deferral of remediation.						
Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.							
Extents of contamination must be fully delineated.							
Contamination does not cause an imminent risk to human health	, the environment, or groundwater.						
I hereby certify that the information given above is true and complet rules and regulations all operators are required to report and/or file c which may endanger public health or the environment. The acceptan liability should their operations have failed to adequately investigate surface water, human health or the environment. In addition, OCD a responsibility for compliance with any other federal, state, or local la	ertain release notifications and perform corrective actions for releases nee of a C-141 report by the OCD does not relieve the operator of and remediate contamination that pose a threat to groundwater, neceptance of a C-141 report does not relieve the operator of						
Printed Name: Rebecca Haskell	Title: Sr. Project Manager						
Signature: <u>Rebecca Haskell</u>	Date: 8/7/23						
email: bhaskell@ntglobal.com	Telephone: 432-766-1918						
OCD Only							
Received by: Shelly Wells	Date: <u>8/8/2023</u>						
Approved Approved with Attached Conditions of A	Approval Denied Deferral Approved						
<u>Signature: Scott Rodgers</u>	Date: 02/14/2024						

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Oil Conservation Division

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Closure

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

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

A scaled site and sampling diagram as described in 19.15.29.11 NMAC

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

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

Description of remediation activities

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



701 Tradewinds Blvd Midland, Texas 79707 Tel. 432-766-1918 www.ntgenvironmental.com

August 7, 2023

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

Re: Site Characterization and Deferral/Closure Request Ocotillo 6-31 State Com WCB 2H Earthstone Operating, LLC Site Location: Unit P, S6, T23S, R26E (Lat 32.326942°, Long -104.328231°) Eddy County, New Mexico Incident ID: nRM2026949931

1. Introduction

On behalf of Earthstone Operating, LLC (Earthstone), New Tech Global Environmental, LLC (NTGE) has prepared this Site Characterization and Deferral/Closure Report for the NMOCD District 2 Office in Artesia, New Mexico for documentation of site assessment, remedial action activities, and analysis at the Ocotillo 6-31 State Com WCB 2H (Site). The Site is located within Unit Letter P, Section 23 of Township 23 South and Range 26 East in Eddy County, New Mexico. The GPS coordinates for the release site are 32.326942° N latitude and -104.328231° W longitude. The release occurred on land owned by the State of New Mexico. Figure 1 depicts the site location with respect to the nearest town and Figure 2 shows the topographic map of the site.

2. Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release occurred on September 14, 2020, the result of a dump valve blowout. Approximately thirteen (13) barrels (bbls) of produced water were released, of which two (2) bbls were recovered, which resulted in an approximate net loss of eleven (11) bbls of produced water. Upon discovery, the well was shut-in, and area secured with free liquids removed via a vacuum truck. The release footprint is shown on Figure 3. The Release Notification Site Assessment/Characterization, and Closure/Deferral portions of Form C-141 for incident number nRM2026949931 are attached to the front of this report.

3. Groundwater and Site Characterization

Based on a review of the New Mexico Office of State Engineers and USGS databases, there are no known depth to groundwater sources and or features within a ½-mile radius of the location. No other receptors (water wells, playas, wetlands, waterways, lakebeds or ordinance boundaries) are located within each specific boundary or distance from the Site.

Mr. Mike Bratcher July 14, 2023 Page 2 of 4

According to the Karst map the site is located within a medium Karst area. The site characterization documentation (Points of Diversion, Karst Potential, Significant Watercourse Map, Wetlands Map, and FEMA Map) is provided in Appendix A.

NTGE characterized the Site according to Table I, Closure Criteria for Soils Impacted by a Release, from New Mexico Administrative Code (NMCA) Title 19, Chapter 15, Part 29, Section 12 (NMAC 19.15.29.12).

General Site Characterization and Groundwater:

Site Characterization	Average Groundwater Depth (ft)
Medium Karst	Unknown

 Table 3.1
 Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29.12)

Regulatory Standard	Chloride	TPH (GRO+DRO+MRO)	TPH (GRO+DRO)	BTEX	Benzene
19.15.29.12 NMAC Table I Closure Criteria for Soils Impacted by a Release	600 mg/kg	100 mg/kg		50 mg/kg	10 mg/kg
Notes: = not defined					

4. Soil Delineation Activities and Analytical Results

On April 13 and 14, 2023, NTGE was onsite to conduct an initial delineation assessment whereby five (5) vertical sample points (V-1 through V-5) and nine (9) horizontal sample points (H-1 through H-9) were installed to delineate the area. The samples were collected from depths ranging from zero (0) to a maximum of three and a half (3.5) feet (ft) below ground surface (bgs) with a geotechnical hand auger and submitted to Cardinal Laboratories (Cardinal) of Hobbs, New Mexico for analyses of benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, total petroleum hydrocarbons (TPH) by EPA Method 8015 modified, and chloride by EPA Method SM4500CI-B. Analysis indicated that all vertical samples and H-9 were above the NMAC Table 1 standards for chlorides, while TPH exceeded the Table 1 standards for all samples at V-1, V-2, V-3 up to 2.5 ft bgs, V-4 up to 6", H-3, H-5, and H-9. Further site delineation was performed on April 21, 2023, whereby NTGE installed eight (8) trench (TP-1 through TP-8) within the release footprint. The trenches were installed with a backhoe and extended from the surface to a maximum depth of four and half (4.5) ft bgs. Samples were collected at onefoot intervals beginning at surface to six (6) inches bgs and submitted to the lab for analysis. Analytical results indicated the site was delineated to within NMAC Table 1 standards. Figure 3 depicts the initial delineation sample locations, with analytical results provided on Table 1, Summary of Soil Analytical Data, Laboratory reports are included in Appendix D.



Mr. Mike Bratcher July 14, 2023 Page 3 of 4

5. Remedial Action Activities and Confirmation Sampling

Based on the initial assessment results, Standard Safety and Supply (Standard), proceeded with the remedial actions at the Site to include the excavation and disposal of impacted soils above the regulatory limits. All samples were collected based on one (1) composite sample per 200 square feet (ft²) of surface area for both bottom and sidewalls and submitted to Cardinal Labs of Hobbs, New Mexico for analysis of BTEX by EPA Method 8021B, TPH by EPA Method 8015M, or chlorides by EPA Method SM4500CI-B.

Upon completion of initial excavation activities, NTGE was on site May 25, 2023, to collect thirty-five (35) base composite samples (CS-1 through CS-35) and fourteen (14) sidewall composite samples (SW-1 through SW-14) from six (6) inches to three (3) ft bgs and submit to the lab for analysis. Analytical results indicated that thirteen (13) (CS-1 through C-3, CS-5, CS-6, CS-10, CS-11, CS-13 through CS-15, CS-20 through CS-22) of the base samples and five (5) of the sidewall samples (SW-2, SW-3, SW-8, SW-10, and SW-20) exhibited either chloride or TPH concentrations above the Table 1 Closure Criteria. Based on the analytical results, NTGE and Standard further excavated the area.

On June 9, 2023, after further excavation by Standard, NTGE conducted a confirmation sampling event, whereby fifteen (15) composite bottom hole confirmation sample (CS-1A through CS-3A, CS-5A, CS-6A, CS-10A, CS-11A, CS-13A through CS-15A, CS-20A through CS-22A, CS-36 and CS37) and nine (9) sidewall samples (SW-1A through SW-3A, SW-5A, SW-8A, SW-12A, SW-13A, SW-21, and SW-22) along with three (3) deferral samples (DH-1 through DH-3) were collected and submitted for analysis. All sample analysis concentrations were below Table 1 Closure Criteria with the exception of chlorides in soil sample CS-22A with a concentration of 784 milligrams per kilogram (mg/Kg).

After further excavation, on June 20, 2023, NTGE returned to the site to collect two (2) base samples (CS-22B and CS-38), and four (4) wall composite sample (SW-15A, SW-23, SW-24, and SW-25). The samples were collected and submitted to the laboratory for analysis. All sample analytical concentration results were below the Table 1 Closure Criteria. See Table 1 for analytical results and Figure 4 for confirmation sampling locations. Laboratory Analytical Reports are provided in Appendix D. A photographic log is provided as Appendix B and Confirmation Sampling Notifications are provided as Appendix C.

6. Soils Disposition and Backfill Activities

Between May 15 and June 9, 2023, approximately 613.64 tons of impacted material was transported offsite for disposal at Lea Land, LLC located in Carlsbad, New Mexico. Upon completion of the excavation, the site was backfilled with like-sourced materials and brought up to surface grade. Manifests are available upon request and aren't included in this report due to the size of the file.

7. Closure and Deferral Request

Based on the assessment, remediation efforts, and requisite confirmation sampling, the Site is in compliance with NMOCD regulatory standards with the exception of the area SW-



Mr. Mike Bratcher July 14, 2023 Page 4 of 4

10 located adjacent to an onsite separator. Further remediation of the area around the separator was not feasible due to tight quarters and possible destabilizing of the equipment. As such, an area measuring approximately five (5) ft by five (5) ft or twenty-five (25) ft² was left in-situ. Deferral samples DS-1, DS-2, and DS-3 were placed within the onsite above ground pipelines to verify the soils have not been impacted. All these samples were below NMOCD Table 1 standards. Based on the supporting documentation provided in this report, NTGE, on behalf of Earthstone respectfully requests closure for nRM2026949931 with deferral of soils left in-situ above NMOCD standards near soil sample SW-10, until time of abandonment or upgrade of equipment allows for accessibility to the area. The Release Notification, Site Assessment/ Characterization, and Closure portion of the NMOCD form C-141 are included at the front of this report.

If you have any questions regarding this report or need additional information, please contact us at 432-685-3898.

Sincerely, **NTG Environmental**

Kmelly

Jeff Kindley, P.G Senior Project Manager/Geologist Attachments:

> Figure 1 – Site Location Map Figure 2 – Topographic Map Figure 3 – Delineation Sample Location Map Figure 4 – Confirmation/Deferral Sample Location Map Table 1 Summary of Soil Analytical Data – Delineation Samples Table 2 Summary of Soil Analytical Data – Confirmation/Deferral Samples Appendix A – Site Characterization Documentation Appendix B – Photographic Log Appendix C – Confirmation Sampling Notifications Appendix D – Laboratory Reports and Chain-of-Custody Document



NTGE Project No.: 237253

FIGURES



Released to Imaging: 2/14/2024 10:18:44 AM



Released to Imaging: 2/14/2024 10:18:44 AM





TABLES

Summary of Soil Analytical Data - Initial Assessment Samples

Ocotillo 6-31 State Com

Earthstone Operating, LLC

Eddy County, New Mexico

										TPH			
			Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO	DRO	GRO + DRO	MRO	GRO/DRO/MRO	Chloride
Sample	Sample	Depth						(C6-C10)	(C10-C28)	(C6-C28)	(C28-C35)	(C6-C35)	
ID	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 Cr	iteria for S	oil ≤ 50 fee	t Depth to C	Froundwater 1	9.15.29 NMA	IC	
			10 mg/kg				50 mg/kg					100 mg/kg	600 mg/kg
							lineation S	amples	•				
V-1	04/13/23	(0-6")	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	2,720	2,720	481	3,201	29,200
V-1	04/13/23	(1-1.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	393	393	70.4	463.4	9,060
V-1	04/13/23	(2-2.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	1,560	1,560	280	1,840	10,000
V-2	04/13/23	(0-6")	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	565	565	65.9	630.9	1,520
V-2	04/13/23	(1-1.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	287	287	<10.0	287	912
V-2	04/13/23	(2-2.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	111	111	<10.0	111	1,330
V-3	04/13/23	(0-6")	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	1,010	1,010	173	1,183	7,600
V-3	04/13/23	(1-1.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	1,860	1,860	321	2,181	1,170
V-3	04/13/23	(2-2.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	21	21	<10.0	21	1,680
V-3	04/13/23	(3-3.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	672
V-4	04/13/23	(0-6")	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	443	67.4	510.4	1,490
V-4	04/13/23	(1-1.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	47.5	47.5	<10.0	47.5	1,330
V-5	04/13/23	(0-6")	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	12,600
V-5	04/13/23	(1-1.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,040
V-5	04/13/23	(2-2.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3,040
V-5	04/13/23	(3-3.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3,960
H-1	04/13/23	(0-6")	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
H-2	04/13/23	(0-6")	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
H-3	04/13/23	(0-6")	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	80.3	80.3	31.3	111.6	80
H-4	04/13/23	(0-6")	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
H-5	04/13/23	(0-6")	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	23.4	23.4	13.1	36.5	160
H-6	04/14/23	(0-6")	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	172	172	19.6	191.8	80
H-7	04/14/23	(0-6")	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	32.3	32.3	<10.0	32.3	560
H-8	04/14/23	(0-6")	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	10.5	10.5	<10.0	10.5	48

Summary of Soil Analytical Data - Initial Assessment Samples

Ocotillo 6-31 State Com

Earthstone Operating, LLC

Eddy County, New Mexico

			ТРН										
			Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO	DRO	GRO + DRO	MRO	GRO/DRO/MRO	Chloride
Sample	Sample	Depth						(C6-C10)	(C10-C28)	(C6-C28)	(C28-C35)	(C6-C35)	
ID	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 Cr	losure Criteria for Soil ≤ 50 feet Depth to Groundwater 19.15.29 NMAC						
			10 mg/kg				50 mg/kg						600 mg/kg
H-9	04/14/23	(0-6")	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	114	114	35.6	149.6	1,060
TP-1	04/21/23	(0-6")	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	800
±	04/21/23	(1-1.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96
	04/21/23	(0-6")	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,660
TP-2	04/21/23	(1-1.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	880
	04/21/23	(2-2.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
	04/21/23	(0-6")	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	273	273	12.3	285.3	2,600
TP-3	04/21/23	(1-1.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	304
	04/21/23	(2-2.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
	04/21/23	(0-6")	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	39.1	39.1	<10.0	39.1	1,070
	04/21/23	(1-1.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,800
TP-4	04/21/23	(2-2.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,120
	04/21/23	(3-3.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,470
	04/21/23	(4-4.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272
	04/21/23	(0-6")	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	93.1	93.1	<10.0	93.1	1,340
TP-5	04/21/23	(1-1.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	720
11-5	04/21/23	(2-2.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320
	04/21/23	(3-3.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
	04/21/23	(0-6")	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	416
TP-6	04/21/23	(1-1.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320
	04/21/23	(2-2.5)	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	368
TP-7	04/21/23	(0-6")	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	512
,	04/21/23	(1-1.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160

Summary of Soil Analytical Data - Initial Assessment Samples Ocotillo 6-31 State Com

Earthstone Operating, LLC

Eddy County, New Mexico

										ТРН			
			Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO	DRO	GRO + DRO	MRO	GRO/DRO/MRO	Chloride
Sample	Sample	Depth						(C6-C10)	(C10-C28)	(C6-C28)	(C28-C35)	(C6-C35)	
ID	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 ≤ 50 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg				50 mg/kg					100 mg/kg	600 mg/kg
	04/21/23	(0-6")	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	289	289	15.9	304.9	2,290
TP-8	04/21/23	(1-1.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	416
	04/21/23	(2-2.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112

Notes:

1. Values reported in mg/kg 5. TPH analyses by EPA Method SW 8015 Mod.

2.< = Value Less Than Reporti 6. GRO/DRO/MRO - Gasoline/Diesel/Motor Oil

3. Bold indicates Analyte Dete 7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table I Closure Criteria for the site.

K analyses by EPA Method SW 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

SP-1 Sample Point Excave 9. --- Not Analyzed

Summary of Soil Analytical Data - Confirmation Assesment Samples Ocotillo 6-31 State Com

Earthstone Operating, LLC

Eddy County, NM

										ТРН			
			Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO	DRO	GRO + DRO	MRO	GRO/DRO/MRO	Chloride
Sample	Sample	Depth						(C6-C10)	(C10-C28)	(C6-C28)	(C28-C35)	(C6-C35)	
ID	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 Cr		oil ≤ 50 fee	t Depth to G	Froundwater 1	9.15.29 NMA		
			10 mg/kg				50 mg/kg					100 mg/kg	600 mg/kg
							Confirmatio						
7551	05/25/23	(1.5)	<0.050	<0:050	<0.050	<0:150	<0.300	<u>_10.0</u>	₹10.0	<10.0	~10.0	<10.0	1,120
CS-1 A	06/09/23	(2.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
752	05/25/23	(1.5')	<0.050	<0:050	<0.050	<0:150	<0:300	<u>_100</u>	₹10.0	<10.0	~10.0	<10.0	912
CS-2 A	06/09/23	(2.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
653	05/25/23	(1.5)	<0.050	<0.050	<0.050	<0.150	<0:300	<u>_100</u>	< <u>10.0</u>	<10.0		<10.0	1,010
CS-3 A	06/09/23	(2.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
CS-4	05/25/23	(1.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	480
255	05/25/23	(1.5')	<0.050	<0:050	< 0.05 0	<0.150	<0:300	10.0	₹10.0	<10.0		< 10.0	5,440
CS-5 A	06/09/23	(2.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
12	05/25/23	(1.5')	<0.050	<0:050	< 0.05 0	<0:150	<0:300	10.0	129	129	10.0	129	1,920
CS-6 A	06/09/23	(2.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96
CS-7	05/25/23	(1.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
CS-8	05/25/23	(1.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
CS-9	05/25/23	(1.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
2540	05/25/23	(1:5')	<0.050	<0:050	<0.050	<0:150	<0:300	×100	×10.0	<10.0	<10.0	<10.0	2,120
CS-10 A	06/09/23	(2.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
143	05/25/23	(1.5')	<0.050	<0.050	<0.050	<0.150	<0:300	×10.0	×10.0	<10.0	<10.0	< 10.0	5,920
CS-11 A	06/09/23	(2.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
CS-12	05/25/23	(1.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
2543	05/25/23	(1.5')	<0.050	<0.050	<0.050	<0:150	<0.300	710-0	<10.0	<10.0	<u>}te</u> d	<10.0	832
CS-13 A	06/09/23	(2.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96
CS-14	05/25/23	(1:5')	<0.050	<0.050	<0.050	<0.150	<0:300	>10	<10.0	<10.0	-1 0. 0	<10.0	2,960
CS-14 A	06/09/23	(2.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96
2545	05/25/23	(1.5')	<0.050	<0:050	< 0.05 0	<0:150	<0:300	<u>_101</u>	×10.0	<10.0	10.0	< 10.0	3,200

Summary of Soil Analytical Data - Confirmation Assesment Samples

Ocotillo 6-31 State Com

Earthstone Operating, LLC

Eddy County, NM

										TPH			
			Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO	DRO	GRO + DRO	MRO	GRO/DRO/MRO	Chloride
Sample	Sample	Depth						(C6-C10)	(C10-C28)	(C6-C28)	(C28-C35)	(C6-C35)	
ID	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 Cr	iteria for S	oil ≤ 50 fee	t Depth to G	roundwater 1	9.15.29 NMA	C	
			10 mg/kg				50 mg/kg					100 mg/kg	600 mg/kg
CS-15 A	06/09/23	(4')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
CS-16	05/25/23	(1.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
CS-17	05/25/23	(1.5'-2')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
CS-18	05/25/23	(1.5'-2')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
CS-19	05/25/23	(1.5'-2')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208
C5-20	05/25/23	16")	<0:050	<0:050	< 0.05 0	<0:150	<0:300	×10.0	< <u>10.0</u>	~10.0	<u>_10.0</u>	< 10.0	2,440
CS-20 A	06/09/23	(1.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
254	05/25/23	/6"/	<0.050	<0:050	< 0.05 0	<0:150	<0.300	100	×10.0	~10.0	19:0	<10.0	864
CS-21 A	06/09/23	(1.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	560
2	05/25/23	/t6")	<0.050	<0:050	< 0.05 0	<0:150	<0.300	100	130	13.0	10.0	13.0	688
C5-22 A	06/ 0 9/23	(2.5')	<0:050	<0:050	< 0.05 0	<0:150	<0.300	100	25,1	25.1	10.0	25.1	784
CS-22 B	06/20/23	(2.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96
CS-23	05/25/23	(6")	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96
CS-24	05/25/23	(3')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
CS-25	05/25/23	(3')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
CS-26	05/25/23	(3')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
CS-27	05/25/23	(3')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
CS-28	05/25/23	(3')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
CS-29	05/25/23	(3')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
CS-30	05/25/23	(3')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
CS-31	05/25/23	(3')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
CS-32	05/25/23	(3')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
CS-33	05/25/23	(1.5'-2')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
CS-34	05/25/23	(1.5'-2')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
CS-35	05/25/23	(1.5'-2')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256

Delagood to Imaging, 2/14/2024 10,19,44 AM

Summary of Soil Analytical Data - Confirmation Assesment Samples

Ocotillo 6-31 State Com

Earthstone Operating, LLC

Eddy County, NM

										TPH			
			Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO	DRO	GRO + DRO	MRO	GRO/DRO/MRO	Chloride
Sample	Sample	Depth						(C6-C10)	(C10-C28)	(C6-C28)	(C28-C35)	(C6-C35)	
ID	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 Cr		oil ≤ 50 fee	et Depth to G	Froundwater 1	9.15.29 NMA		
			10 mg/kg				50 mg/kg					100 mg/kg	600 mg/kg
CS-36	06/09/23	(1.5'-2')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
CS-37	06/09/23	(1.5'-2')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
CS-38	06/20/23	(4')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	352
							idewall Sar		`		_		
	05/25/23	(0-1.5')	<0.050	<0.050	<0.050	<0.150	<0:300	×10.0	₹10.0	₹10.0	<10.0	<10.0	128
SW-1 A	06/09/23	(0-2.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
544-2	05/25/23	10-21	<0.050	<0:050	<0.050	<0.150	<0:300	×10.0	17.7	17.7	<10.0	17.7	1,380
SW-2 A	06/09/23	(0-2')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
544-3	05/25/23	10-2')	<0.050	<0:050	< 0:05 0	<0.150	<0:300	~10.Q	13.5	13.5	<10.0	13.5	848
SW-3 A	06/09/23	(0-2')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
SW-4	05/25/23	(0-3')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
544-5	05/25/23	(0-1.5')	<0.050	<0.050	<0.050	<0.150	<0:300	×100	₹10.0	<10.0	<10.0	< 10.0	496
SW-5 A	06/09/23	(0-1.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	24.9	24.9	<10.0	24.9	336
SW-6	05/25/23	(1.5'-3')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
SW-7	05/25/23	(1.5'-2')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
544-8	05/25/23	(0-6")	<0.050	<0.050	<0.050	<0.150	₹0:300	10.0	44.0	44.0	₹10.0	44.0	3,600
SW-8 A	06/09/23	(0-1.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272
SW-9	05/25/23	(1.5-3')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
SW-10	05/25/23	(0-3')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,310
SW-11	05/25/23	(0-2')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
SW-12	05/25/23	(0-6")	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
SW-12 A	06/09/23	(0-1.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
577-13	05/25/23	(6"-1.5')	<0.950	<0:050	<0.050	<0:150	<0:300	10.0	< <u>10.0</u>	<10.0	₹10.0	<10.0	\$€
SW-13 A	06/09/23	(1.5'-2.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208
SW-14	05/25/23	(0-3')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64

Summary of Soil Analytical Data - Confirmation Assesment Samples

Ocotillo 6-31 State Com

Earthstone Operating, LLC

Eddy County, NM

										TPH				
			Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO	DRO	GRO + DRO	MRO	GRO/DRO/MRO	Chloride	
Sample	Sample	Depth						(C6-C10)	(C10-C28)	(C6-C28)	(C28-C35)	(C6-C35)		
ID	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	Table I Closure Criteria for Soil ≤ 50 feet Depth to Groundwater 19.15.29 NMAC								
			10 mg/kg				50 mg/kg					100 mg/kg	600 mg/kg	
500-15	06/09/23	(0.5'-1.5')	<0.950	<0:050	<0.050	<0:150	<0.300	×10.0	₹10.0	₹10.0	₹10.0	<10.0	224	
SW-15A	06/20/23	(0.5'-2.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112	
SW-16	06/09/23	(0'-2.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16	
SW-17	06/09/23	(1.5'-2.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320	
SW-18	06/09/23	(1.5'-2.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48	
SW-19	06/09/23	(0'-2.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	21.2	21.2	<10.0	21.2	320	
577-20	06/09/23	(2.5'-4')	<0.950	<0:050	<0.050	<0:150	<0.300	/₹₽₽	<u></u>	<10.0	<u></u>	<10.0	992	
SW-20A	06/23/23	(2.5-4')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240	
SW-21	06/09/23	(3'-4')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96	
SW-22	06/09/23	(1.5'-4')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16	
SW-23	06/20/23	(1.5'-2.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112	
SW-24	06/20/23	(0'-2.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	400	
SW-25	06/20/23	(0'-2.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112	
						D	eferral sar	nples						
DH-1	06/09/23	(0-6")	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32	
DH-2	06/09/23	(0-6")	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32	
DH-3	06/09/23	(0-6")	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	

Notes:

1. Values reported in mg/kg 5. TPH analyses by EPA Method SW 8015 Mod.

2.< = Value Less Than Reporti 6. GRO/DRO/MRO - Gasoline/Diesel/Motor Oil

3. Bold indicates Analyte Dete 7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table I Closure Criteria for the site.

K analyses by EPA Method SW 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

SP-1 Sample Point Excave 9. --- Not Analyzed

APPENDIX A: SITE CHARACTERIZATION DOCUMENTATION

OSE POD Locations Map







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

Site Characterization Map

Released



New Mexico Oil Conservation Division

NM OCD Oil and Gas Map. http://nm-emnrd.maps.arcgis.com/apps/webappviewer/index.html?id=4d017f2306164de29fd2fb9f8f35ca75. New Mexico Oil Conservation Division 🍳

age





U.S. Fish and Wildlife Service

National Wetlands Inventory

Ocotillo 6 31 State com WCB #002H

Page 29 of 231



Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- **Freshwater Pond**

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

Lake Other Riverine 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.

Released to Imaging: 2/14/2024 10:18:44 AM

National Wetlands Inventory (NWI) This page was produced by the NWI mapper

Received by OCD: 8/8/2023 12:00:25 AM National Flood Hazard Layer FIRMette



Legend

regulatory purposes.

Page 30 of 231



Releas224 Imaging: 2/14/2024 90.918:44 AM 1,500 2.000

Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

APPENDIX B: PHOTOGRAPHIC LOG

PHOTOGRAPHIC LOG Earthstone Operating, LLC Ocotillo 6 31 State Com WCB #002H

Photograph No. 1

Facility:	Ocotillo 6 31 State Com WCB #002H
County:	Eddy County, New Mexico

Description: Area of release.



Photograph No. 2

Facility:	Ocotillo 6 31 State Com WCB #002H
County:	Eddy County, New Mexico

Description:

Area of release.



Photograph No. 3

Facility:	Ocotillo 6 31 State Com WCB #002H

County: Eddy County, New Mexico

Description: Area of release.





PHOTOGRAPHIC LOG Earthstone Operating, LLC Ocotillo 6 31 State Com WCB #002H

Photograph No. 4

Facility:	Ocotillo 6 31 State Com WCB #002H

- County: Eddy County, New Mexico
- **Description:** Area of excavation.



Photograph No. 5

Facility:	Ocotillo 6 31 State Com WCB
	#002H

County: Eddy County, New Mexico

Description:

Area of excavation.



Photograph No. 6

Facility:	Ocotillo 6 31 State Com WCB #002H

County: Eddy County, New Mexico

Description: Area of excavation.





PHOTOGRAPHIC LOG Earthstone Operating, LLC Ocotillo 6 31 State Com WCB #002H

Photograph	No. 7	SE S SW W 150 180 210 240 270 300 I + I + I + I + I + I + I + I + I + I +
Facility:	Ocotillo 6 31 State Com WCB #002H	© 209°S (T) • 32.326909, -104.328306 ▲ 1029 m
County:	Eddy County, New Mexico	
Description: Area of excav	ation.	Dr-Inn/2024 15-1 652
Photograph	No. 8	E SE SW 90 120 150 180 210 240 1 • • • • • • • • • •
Facility:	Ocotillo 6 31 State Com WCB #002H	● 177°S (T) • 32.326901, -104.328291 ▲ 1026 m
County:	Eddy County, New Mexico	
Description: Area of excav	ation.	
		09 Jun 2023, 1515:58

Facility:	Ocotillo 6 31 State Com WCB
	#002H

County: Eddy County, New Mexico

Description: Area of excavation.



Released to Imaging: 2/14/2024 10:18:44 AM



APPENDIX C: CONFIRMATION SAMPLING NOTIFICATIONS

From:	Enviro, OCD, EMNRD
То:	Ricardo Baer
Cc:	Bratcher, Michael, EMNRD; Hamlet, Robert, EMNRD
Subject:	RE: [EXTERNAL] OCOTILLO 6 31 STATE COM WCB #002H
Date:	Thursday, May 4, 2023 9:26:23 AM
Attachments:	image003.png

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

Ricardo,

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.

JΗ

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: Ricardo Baer <RBaer@ntglobal.com>
Sent: Wednesday, May 3, 2023 10:59 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Becky Haskell <bhaskell@ntglobal.com>; NTG Env Carlsbad <ntg_env_carlsbad@ntglobal.com>
Subject: [EXTERNAL] OCOTILLO 6 31 STATE COM WCB #002H

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

Good Morning,

NTGE, on behalf of Earthstone Operating, LLC, respectfully submits notification of sampling to be conducted at the below location.

OCOTILLO 6 31 STATE COM WCB #002H P-06-23S-26E Eddy County, NM nRM2026949931
Sampling will begin at 8:00 a.m. on Monday, May 8, 2023, and continue through Friday, May 12, 2023. Please let me know if you have any questions.

Thank you,

Ricardo Baer, CSHO² Project Scientist (432) 556-2006 <u>Rbaer@ntglobal.com</u>



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From:	Enviro, OCD, EMNRD
То:	Ricardo Baer
Cc:	Bratcher, Michael, EMNRD; Hamlet, Robert, EMNRD
Subject:	RE: [EXTERNAL] OCOTILLO 6 31 STATE COM WCB #002H
Date:	Wednesday, May 17, 2023 4:45:52 PM
Attachments:	image003.png

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Ricardo,

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.

JΗ

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





From: Ricardo Baer <RBaer@ntglobal.com>
Sent: Wednesday, May 17, 2023 1:27 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>; NTG Env Carlsbad
<ntg_env_carlsbad@ntglobal.com>
Cc: Becky Haskell <bhaskell@ntglobal.com>
Subject: [EXTERNAL] OCOTILLO 6 31 STATE COM WCB #002H

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

Good Afternoon,

NTGE, on behalf of Earthstone Operating, LLC, respectfully submits notification of sampling to be conducted at the below location.

OCOTILLO 6 31 STATE COM WCB #002H P-06-23S-26E Eddy County, NM

nRM2026949931

Sampling will begin at 8:00 a.m. on Monday, May 22, 2023, and continue through Friday, May 26, 2023. Please let me know if you have any questions.

Thank you,

Ricardo Baer, CSHO² Project Scientist (432) 556-2006 <u>Rbaer@ntglobal.com</u>



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Enviro, OCD, EMNRD
Ricardo Baer
Bratcher, Michael, EMNRD; Hamlet, Robert, EMNRD
RE: [EXTERNAL] OCOTILLO 6 31 STATE COM WCB #002H
Wednesday, May 10, 2023 4:30:42 PM
image003.png

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Ricardo,

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.

JΗ

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: Ricardo Baer <RBaer@ntglobal.com>
Sent: Wednesday, May 10, 2023 12:48 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Becky Haskell <bhaskell@ntglobal.com>; NTG Env Carlsbad <ntg_env_carlsbad@ntglobal.com>
Subject: [EXTERNAL] OCOTILLO 6 31 STATE COM WCB #002H

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

Good afternoon,

NTGE, on behalf of Earthstone Operating, LLC, respectfully submits notification of sampling to be conducted at the below location.

OCOTILLO 6 31 STATE COM WCB #002H P-06-23S-26E Eddy County, NM nRM2026949931 Sampling will begin at 8:00 a.m. on Monday, May15, 2023, and continue through Friday, May 19, 2023. Please let me know if you have any questions.

Thank you,

Ricardo Baer, CSHO² Project Scientist (432) 556-2006 <u>Rbaer@ntglobal.com</u>



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From:	Buchanan, Michael, EMNRD
To:	Ricardo Baer
Cc:	Hamlet, Robert, EMNRD
Subject:	RE: [EXTERNAL] OCOTILLO 6 31 STATE COM WCB #002H
Date:	Friday, June 2, 2023 9:35:51 AM
Attachments:	image002.png

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

Good morning, Ricardo

Received.

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.

Respectfully,

Mike Buchanan • Environmental Specialist Environmental Bureau EMNRD - Oil Conservation Division 8801 Horizon Blvd. NE | Albuquerque, NM 87113 | michael.buchanan@emnrd.nm.gov http://www.emnrd.nm.gov/ocd_



From: Ricardo Baer <RBaer@ntglobal.com>
Sent: Wednesday, May 31, 2023 1:31 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Becky Haskell <bhaskell@ntglobal.com>; NTG Env Carlsbad <ntg_env_carlsbad@ntglobal.com>
Subject: [EXTERNAL] OCOTILLO 6 31 STATE COM WCB #002H

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

Good Afternoon,

NTGE, on behalf of Earthstone Operating, LLC, respectfully submits notification of sampling to be conducted at the below location.

OCOTILLO 6 31 STATE COM WCB #002H P-06-23S-26E Eddy County, NM nRM2026949931 Sampling will begin at 8:00 a.m. on Monday, June 5, 2023, and continue through Friday, June 9, 2023. Please let me know if you have any questions.

Thank you,

Ricardo Baer, CSHO² Project Scientist (432) 556-2006 <u>Rbaer@ntglobal.com</u>



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Enviro, OCD, EMNRD
Ricardo Baer
Bratcher, Michael, EMNRD; Hamlet, Robert, EMNRD
RE: [EXTERNAL] OCOTILLO 6 31 STATE COM WCB #002H
Wednesday, June 7, 2023 4:56:49 PM
image002.png

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Ricardo,

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.

JΗ

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: Ricardo Baer <RBaer@ntglobal.com>
Sent: Wednesday, June 7, 2023 2:29 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Becky Haskell <bhaskell@ntglobal.com>; NTG Env Carlsbad <ntg_env_carlsbad@ntglobal.com>
Subject: [EXTERNAL] OCOTILLO 6 31 STATE COM WCB #002H

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Good Afternoon,

NTGE, on behalf of Earthstone Operating, LLC, respectfully submits notification of sampling to be conducted at the below location.

OCOTILLO 6 31 STATE COM WCB #002H P-06-23S-26E Eddy County, NM

nRM2026949931

Sampling will begin at 8:00 a.m. on Monday, June 12, 2023, and continue through Friday, June 16, 2023. Please let me know if you have any questions.

Thank you,

Ricardo Baer, CSHO² Project Scientist (432) 556-2006 <u>Rbaer@ntglobal.com</u>



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Ethan Sessums

From:	Becky Haskell
Sent:	Wednesday, August 2, 2023 10:37 AM
То:	Ethan Sessums
Subject:	FW: OCOTILLO 6 31 STATE COM WCB #002H

Thank You,

Becky Haskell Senior Project Manager | NTG Environmental M: 432-766-1918 |bhaskell@ntglobal.com 701 Tradewinds Blvd, Suite C Midland, TX 79706



From: Ricardo Baer <RBaer@ntglobal.com>
Sent: Wednesday, June 14, 2023 3:21 PM
To: ocd.enviro@emnrd.nm.gov
Cc: Becky Haskell <bhaskell@ntglobal.com>; NTG Env Carlsbad <ntg_env_carlsbad@ntglobal.com>
Subject: OCOTILLO 6 31 STATE COM WCB #002H

Good Afternoon,

NTGE, on behalf of Earthstone Operating, LLC, respectfully submits notification of sampling to be conducted at the below location.

OCOTILLO 6 31 STATE COM WCB #002H P-06-23S-26E Eddy County, NM nRM2026949931

Sampling will begin at 8:00 a.m. on Monday, June 19, 2023, and continue through Friday, June 23, 2023. Please let me know if you have any questions.

Thank you,

Ricardo Baer, CSHO² Project Scientist (432) 556-2006 Rbaer@ntglobal.com



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APPENDIX D: LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTATION



April 21, 2023

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

RE: OCOTILLO 6-31 STATE COM

Enclosed are the results of analyses for samples received by the laboratory on 04/17/23 12:50.

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.

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. Keine

Celey D. Keene Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	04/17/2023	Sampling Date:	04/13/2023
Reported:	04/21/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253	Sample Received By:	Shalyn Rodriguez
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: V - 1 (0'-.5') (H231831-01)

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	04/19/2023	ND	1.95	97.4	2.00	6.68	
Toluene*	<0.050	0.050	04/19/2023	ND	2.03	101	2.00	3.48	
Ethylbenzene*	<0.050	0.050	04/19/2023	ND	2.24	112	2.00	2.93	
Total Xylenes*	<0.150	0.150	04/19/2023	ND	6.84	114	6.00	2.82	
Total BTEX	<0.300	0.300	04/19/2023	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	29200	16.0	04/19/2023	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	04/20/2023	ND	187	93.6	200	5.58	
DRO >C10-C28*	2720	10.0	04/20/2023	ND	180	90.1	200	6.42	
EXT DRO >C28-C36	481	10.0	04/20/2023	ND					
Surrogate: 1-Chlorooctane	103 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	145 9	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	04/17/2023	Sampling Date:	04/13/2023
Reported:	04/21/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253	Sample Received By:	Shalyn Rodriguez
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: V - 1 (1'-1.5') (H231831-02)

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	04/19/2023	ND	1.95	97.4	2.00	6.68	
Toluene*	<0.050	0.050	04/19/2023	ND	2.03	101	2.00	3.48	
Ethylbenzene*	<0.050	0.050	04/19/2023	ND	2.24	112	2.00	2.93	
Total Xylenes*	<0.150	0.150	04/19/2023	ND	6.84	114	6.00	2.82	
Total BTEX	<0.300	0.300	04/19/2023	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	9060	16.0	04/19/2023	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	04/20/2023	ND	187	93.6	200	5.58	
DRO >C10-C28*	393	10.0	04/20/2023	ND	180	90.1	200	6.42	
EXT DRO >C28-C36	70.4	10.0	04/20/2023	ND					
Surrogate: 1-Chlorooctane	98.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

Cardinal Laboratories

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	04/17/2023	Sampling Date:	04/13/2023
Reported:	04/21/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253	Sample Received By:	Shalyn Rodriguez
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: V - 1 (2'-2.5') (H231831-03)

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	04/19/2023	ND	1.95	97.4	2.00	6.68	
Toluene*	<0.050	0.050	04/19/2023	ND	2.03	101	2.00	3.48	
Ethylbenzene*	<0.050	0.050	04/19/2023	ND	2.24	112	2.00	2.93	
Total Xylenes*	<0.150	0.150	04/19/2023	ND	6.84	114	6.00	2.82	
Total BTEX	<0.300	0.300	04/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 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	10000	16.0	04/19/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/20/2023	ND	187	93.6	200	5.58	
DRO >C10-C28*	1560	10.0	04/20/2023	ND	180	90.1	200	6.42	
EXT DRO >C28-C36	280	10.0	04/20/2023	ND					
Surrogate: 1-Chlorooctane	108	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	157	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	04/17/2023	Sampling Date:	04/13/2023
Reported:	04/21/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253	Sample Received By:	Shalyn Rodriguez
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: V - 2 (0'-.5') (H231831-04)

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	04/20/2023	ND	1.95	97.4	2.00	6.68	
Toluene*	<0.050	0.050	04/20/2023	ND	2.03	101	2.00	3.48	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.24	112	2.00	2.93	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.84	114	6.00	2.82	
Total BTEX	<0.300	0.300	04/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 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	1520	16.0	04/19/2023	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	04/20/2023	ND	187	93.6	200	5.58	
DRO >C10-C28*	565	10.0	04/20/2023	ND	180	90.1	200	6.42	
EXT DRO >C28-C36	65.9	10.0	04/20/2023	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119 9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	04/17/2023	Sampling Date:	04/13/2023
Reported:	04/21/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253	Sample Received By:	Shalyn Rodriguez
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: V - 2 (1'-1.5') (H231831-05)

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	04/20/2023	ND	1.95	97.4	2.00	6.68	
Toluene*	<0.050	0.050	04/20/2023	ND	2.03	101	2.00	3.48	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.24	112	2.00	2.93	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.84	114	6.00	2.82	
Total BTEX	<0.300	0.300	04/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 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	912	16.0	04/19/2023	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	04/20/2023	ND	187	93.6	200	5.58	
DRO >C10-C28*	287	10.0	04/20/2023	ND	180	90.1	200	6.42	
EXT DRO >C28-C36	<10.0	10.0	04/20/2023	ND					
Surrogate: 1-Chlorooctane	105	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	120	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	04/17/2023	Sampling Date:	04/13/2023
Reported:	04/21/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253	Sample Received By:	Shalyn Rodriguez
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: V - 2 (2'-2.5') (H231831-06)

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	04/20/2023	ND	1.95	97.4	2.00	6.68	
Toluene*	<0.050	0.050	04/20/2023	ND	2.03	101	2.00	3.48	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.24	112	2.00	2.93	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.84	114	6.00	2.82	
Total BTEX	<0.300	0.300	04/20/2023	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	1330	16.0	04/19/2023	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	04/20/2023	ND	187	93.6	200	5.58	
DRO >C10-C28*	111	10.0	04/20/2023	ND	180	90.1	200	6.42	
EXT DRO >C28-C36	<10.0	10.0	04/20/2023	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114 9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	04/17/2023	Sampling Date:	04/13/2023
Reported:	04/21/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253	Sample Received By:	Shalyn Rodriguez
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: V - 3 (0'-.5') (H231831-07)

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	04/20/2023	ND	1.95	97.4	2.00	6.68	
Toluene*	<0.050	0.050	04/20/2023	ND	2.03	101	2.00	3.48	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.24	112	2.00	2.93	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.84	114	6.00	2.82	
Total BTEX	<0.300	0.300	04/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 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	7600	16.0	04/19/2023	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	04/20/2023	ND	187	93.6	200	5.58	
DRO >C10-C28*	1010	10.0	04/20/2023	ND	180	90.1	200	6.42	
EXT DRO >C28-C36	173	10.0	04/20/2023	ND					
Surrogate: 1-Chlorooctane	94.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	120	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	04/17/2023	Sampling Date:	04/13/2023
Reported:	04/21/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253	Sample Received By:	Shalyn Rodriguez
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: V - 3 (1'-1.5') (H231831-08)

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	04/20/2023	ND	1.95	97.4	2.00	6.68	
Toluene*	<0.050	0.050	04/20/2023	ND	2.03	101	2.00	3.48	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.24	112	2.00	2.93	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.84	114	6.00	2.82	
Total BTEX	<0.300	0.300	04/20/2023	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	1170	16.0	04/19/2023	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	04/20/2023	ND	187	93.6	200	5.58	
DRO >C10-C28*	1860	10.0	04/20/2023	ND	180	90.1	200	6.42	
EXT DRO >C28-C36	321	10.0	04/20/2023	ND					
Surrogate: 1-Chlorooctane	99.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	146	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	04/17/2023	Sampling Date:	04/13/2023
Reported:	04/21/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253	Sample Received By:	Shalyn Rodriguez
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: V - 3 (2'-2.5') (H231831-09)

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	04/20/2023	ND	1.95	97.4	2.00	6.68	
Toluene*	<0.050	0.050	04/20/2023	ND	2.03	101	2.00	3.48	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.24	112	2.00	2.93	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.84	114	6.00	2.82	
Total BTEX	<0.300	0.300	04/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 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	1680	16.0	04/19/2023	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	04/20/2023	ND	187	93.6	200	5.58	
DRO >C10-C28*	21.0	10.0	04/20/2023	ND	180	90.1	200	6.42	
EXT DRO >C28-C36	<10.0	10.0	04/20/2023	ND					
Surrogate: 1-Chlorooctane	96.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	04/17/2023	Sampling Date:	04/13/2023
Reported:	04/21/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253	Sample Received By:	Shalyn Rodriguez
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: V - 3 (3'-3.5') (H231831-10)

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	04/20/2023	ND	1.95	97.4	2.00	6.68	
Toluene*	<0.050	0.050	04/20/2023	ND	2.03	101	2.00	3.48	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.24	112	2.00	2.93	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.84	114	6.00	2.82	
Total BTEX	<0.300	0.300	04/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 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	672	16.0	04/19/2023	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	04/20/2023	ND	187	93.6	200	5.58	
DRO >C10-C28*	<10.0	10.0	04/20/2023	ND	180	90.1	200	6.42	
EXT DRO >C28-C36	<10.0	10.0	04/20/2023	ND					
Surrogate: 1-Chlorooctane	96.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.4	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	04/17/2023	Sampling Date:	04/13/2023
Reported:	04/21/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253	Sample Received By:	Shalyn Rodriguez
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: V - 4 (0'-.5') (H231831-11)

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	04/20/2023	ND	2.03	101	2.00	22.5	
Toluene*	<0.050	0.050	04/20/2023	ND	2.11	105	2.00	22.8	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.18	109	2.00	23.8	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.64	111	6.00	23.2	
Total BTEX	<0.300	0.300	04/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 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	1490	16.0	04/19/2023	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	04/20/2023	ND	187	93.6	200	5.58	
DRO >C10-C28*	443	10.0	04/20/2023	ND	180	90.1	200	6.42	
EXT DRO >C28-C36	67.4	10.0	04/20/2023	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	122	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	04/17/2023	Sampling Date:	04/13/2023
Reported:	04/21/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253	Sample Received By:	Shalyn Rodriguez
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: V - 4 (1'-1.5') (H231831-12)

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	04/20/2023	ND	2.03	101	2.00	22.5	
Toluene*	<0.050	0.050	04/20/2023	ND	2.11	105	2.00	22.8	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.18	109	2.00	23.8	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.64	111	6.00	23.2	
Total BTEX	<0.300	0.300	04/20/2023	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	1330	16.0	04/19/2023	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	04/20/2023	ND	187	93.6	200	5.58	
DRO >C10-C28*	47.5	10.0	04/20/2023	ND	180	90.1	200	6.42	
EXT DRO >C28-C36	<10.0	10.0	04/20/2023	ND					
Surrogate: 1-Chlorooctane	87.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.8	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	04/17/2023	Sampling Date:	04/13/2023
Reported:	04/21/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253	Sample Received By:	Shalyn Rodriguez
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: V - 5 (0'-.5') (H231831-13)

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	04/20/2023	ND	2.03	101	2.00	22.5	
Toluene*	<0.050	0.050	04/20/2023	ND	2.11	105	2.00	22.8	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.18	109	2.00	23.8	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.64	111	6.00	23.2	
Total BTEX	<0.300	0.300	04/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 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	12600	16.0	04/19/2023	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	04/20/2023	ND	187	93.6	200	5.58	
DRO >C10-C28*	<10.0	10.0	04/20/2023	ND	180	90.1	200	6.42	
EXT DRO >C28-C36	<10.0	10.0	04/20/2023	ND					
Surrogate: 1-Chlorooctane	75.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.0	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	04/17/2023	Sampling Date:	04/13/2023
Reported:	04/21/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253	Sample Received By:	Shalyn Rodriguez
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: V - 5 (1'-1.5') (H231831-14)

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	04/20/2023	ND	2.03	101	2.00	22.5	
Toluene*	<0.050	0.050	04/20/2023	ND	2.11	105	2.00	22.8	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.18	109	2.00	23.8	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.64	111	6.00	23.2	
Total BTEX	<0.300	0.300	04/20/2023	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	2040	16.0	04/19/2023	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	04/20/2023	ND	187	93.6	200	5.58	
DRO >C10-C28*	<10.0	10.0	04/20/2023	ND	180	90.1	200	6.42	
EXT DRO >C28-C36	<10.0	10.0	04/20/2023	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	04/17/2023	Sampling Date:	04/13/2023
Reported:	04/21/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253	Sample Received By:	Shalyn Rodriguez
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: V - 5 (2'-2.5') (H231831-15)

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	04/20/2023	ND	2.03	101	2.00	22.5	
Toluene*	<0.050	0.050	04/20/2023	ND	2.11	105	2.00	22.8	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.18	109	2.00	23.8	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.64	111	6.00	23.2	
Total BTEX	<0.300	0.300	04/20/2023	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	3040	16.0	04/19/2023	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	04/20/2023	ND	187	93.6	200	5.58	
DRO >C10-C28*	<10.0	10.0	04/20/2023	ND	180	90.1	200	6.42	
EXT DRO >C28-C36	<10.0	10.0	04/20/2023	ND					
Surrogate: 1-Chlorooctane	99.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	04/17/2023	Sampling Date:	04/13/2023
Reported:	04/21/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253	Sample Received By:	Shalyn Rodriguez
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: V - 5 (3'-3.5') (H231831-16)

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	04/20/2023	ND	2.03	101	2.00	22.5	
Toluene*	<0.050	0.050	04/20/2023	ND	2.11	105	2.00	22.8	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.18	109	2.00	23.8	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.64	111	6.00	23.2	
Total BTEX	<0.300	0.300	04/20/2023	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	3960	16.0	04/19/2023	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	04/20/2023	ND	187	93.6	200	5.58	
DRO >C10-C28*	<10.0	10.0	04/20/2023	ND	180	90.1	200	6.42	
EXT DRO >C28-C36	<10.0	10.0	04/20/2023	ND					
Surrogate: 1-Chlorooctane	99.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	04/17/2023	Sampling Date:	04/14/2023
Reported:	04/21/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253	Sample Received By:	Shalyn Rodriguez
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: H - 1 (0'-.5') (H231831-17)

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	04/20/2023	ND	2.03	101	2.00	22.5	
Toluene*	<0.050	0.050	04/20/2023	ND	2.11	105	2.00	22.8	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.18	109	2.00	23.8	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.64	111	6.00	23.2	
Total BTEX	<0.300	0.300	04/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 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	192	16.0	04/19/2023	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	04/20/2023	ND	167	83.5	200	5.77	QM-07, QR-03
DRO >C10-C28*	<10.0	10.0	04/20/2023	ND	166	83.1	200	0.572	
EXT DRO >C28-C36	<10.0	10.0	04/20/2023	ND					
Surrogate: 1-Chlorooctane	55.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	60.5	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	04/17/2023	Sampling Date:	04/14/2023
Reported:	04/21/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253	Sample Received By:	Shalyn Rodriguez
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: H - 2 (0'-.5') (H231831-18)

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	04/20/2023	ND	2.03	101	2.00	22.5	
Toluene*	<0.050	0.050	04/20/2023	ND	2.11	105	2.00	22.8	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.18	109	2.00	23.8	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.64	111	6.00	23.2	
Total BTEX	<0.300	0.300	04/20/2023	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	128	16.0	04/19/2023	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	04/21/2023	ND	167	83.5	200	5.77	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	166	83.1	200	0.572	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	81.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.3	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	04/17/2023	Sampling Date:	04/14/2023
Reported:	04/21/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253	Sample Received By:	Shalyn Rodriguez
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: H - 3 (0'-.5') (H231831-19)

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	04/20/2023	ND	2.03	101	2.00	22.5	
Toluene*	<0.050	0.050	04/20/2023	ND	2.11	105	2.00	22.8	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.18	109	2.00	23.8	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.64	111	6.00	23.2	
Total BTEX	<0.300	0.300	04/20/2023	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	80.0	16.0	04/19/2023	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	04/20/2023	ND	167	83.5	200	5.77	
DRO >C10-C28*	80.3	10.0	04/20/2023	ND	166	83.1	200	0.572	
EXT DRO >C28-C36	31.3	10.0	04/20/2023	ND					
Surrogate: 1-Chlorooctane	67.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.0	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	04/17/2023	Sampling Date:	04/13/2023
Reported:	04/21/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253	Sample Received By:	Shalyn Rodriguez
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: H - 4 (0'-.5') (H231831-20)

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	04/20/2023	ND	2.03	101	2.00	22.5	
Toluene*	<0.050	0.050	04/20/2023	ND	2.11	105	2.00	22.8	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.18	109	2.00	23.8	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.64	111	6.00	23.2	
Total BTEX	<0.300	0.300	04/20/2023	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	112	16.0	04/19/2023	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	04/21/2023	ND	167	83.5	200	5.77	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	166	83.1	200	0.572	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	70.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	73.3	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	04/17/2023	Sampling Date:	04/13/2023
Reported:	04/21/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253	Sample Received By:	Shalyn Rodriguez
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: H - 5 (0'-.5') (H231831-21)

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	04/20/2023	ND	2.03	101	2.00	22.5	
Toluene*	<0.050	0.050	04/20/2023	ND	2.11	105	2.00	22.8	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.18	109	2.00	23.8	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.64	111	6.00	23.2	
Total BTEX	<0.300	0.300	04/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 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	160	16.0	04/19/2023	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	04/20/2023	ND	167	83.5	200	5.77	
DRO >C10-C28*	23.4	10.0	04/20/2023	ND	166	83.1	200	0.572	
EXT DRO >C28-C36	13.1	10.0	04/20/2023	ND					
Surrogate: 1-Chlorooctane	66.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.1	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	04/17/2023	Sampling Date:	04/14/2023
Reported:	04/21/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253	Sample Received By:	Shalyn Rodriguez
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: H - 6 (0'-.5') (H231831-22)

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	04/20/2023	ND	2.03	101	2.00	22.5	
Toluene*	<0.050	0.050	04/20/2023	ND	2.11	105	2.00	22.8	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.18	109	2.00	23.8	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.64	111	6.00	23.2	
Total BTEX	<0.300	0.300	04/20/2023	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	80.0	16.0	04/19/2023	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	04/20/2023	ND	167	83.5	200	5.77	
DRO >C10-C28*	172	10.0	04/20/2023	ND	166	83.1	200	0.572	
EXT DRO >C28-C36	19.6	10.0	04/20/2023	ND					
Surrogate: 1-Chlorooctane	90.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	04/17/2023	Sampling Date:	04/14/2023
Reported:	04/21/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253	Sample Received By:	Shalyn Rodriguez
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: H - 7 (0'-.5') (H231831-23)

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	04/20/2023	ND	2.03	101	2.00	22.5	
Toluene*	<0.050	0.050	04/20/2023	ND	2.11	105	2.00	22.8	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.18	109	2.00	23.8	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.64	111	6.00	23.2	
Total BTEX	<0.300	0.300	04/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	CI-B mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	04/19/2023	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	04/20/2023	ND	167	83.5	200	5.77	
DRO >C10-C28*	32.3	10.0	04/20/2023	ND	166	83.1	200	0.572	
EXT DRO >C28-C36	<10.0	10.0	04/20/2023	ND					
Surrogate: 1-Chlorooctane	66.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	73.5	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager


NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	04/17/2023	Sampling Date:	04/14/2023
Reported:	04/21/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253	Sample Received By:	Shalyn Rodriguez
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: H - 8 (0'-.5') (H231831-24)

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	04/20/2023	ND	2.03	101	2.00	22.5	
Toluene*	<0.050	0.050	04/20/2023	ND	2.11	105	2.00	22.8	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.18	109	2.00	23.8	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.64	111	6.00	23.2	
Total BTEX	<0.300	0.300	04/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 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	04/19/2023	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	04/20/2023	ND	167	83.5	200	5.77	
DRO >C10-C28*	10.5	10.0	04/20/2023	ND	166	83.1	200	0.572	
EXT DRO >C28-C36	<10.0	10.0	04/20/2023	ND					
Surrogate: 1-Chlorooctane	50.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	55.7	% 49.1-14	8						

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*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	04/17/2023	Sampling Date:	04/14/2023
Reported:	04/21/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253	Sample Received By:	Shalyn Rodriguez
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: H - 9 (0'-.5') (H231831-25)

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	04/20/2023	ND	2.03	101	2.00	22.5	
Toluene*	<0.050	0.050	04/20/2023	ND	2.11	105	2.00	22.8	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.18	109	2.00	23.8	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.64	111	6.00	23.2	
Total BTEX	<0.300	0.300	04/20/2023	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	1060	16.0	04/19/2023	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	04/20/2023	ND	167	83.5	200	5.77	
DRO >C10-C28*	114	10.0	04/20/2023	ND	166	83.1	200	0.572	
EXT DRO >C28-C36	35.6	10.0	04/20/2023	ND					
Surrogate: 1-Chlorooctane	53.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	63.0	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-04	The RPD for the BS/BSD was outside of historical limits.
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

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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 whatscever 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 whose 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 whose site to the services interruptors, loss of profits incurred by client, its subsidiaries, afflictes or successor arising out of or related to 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

Celey D. Keene, Lab Director/Quality Manager

Project Manager: Beck	Becky Haskell		Rill to: /if different)					Page 1	of 3
-	NTG Environmental		Company Mar	4	CHIIS IVIATUR		Work (Work Order Comments	
-	701 Tradewinds Blvd.		Address.		CON N Material Contract		Š	PR Brownfie R	RC Supe[
City, State ZIP: Midla	Midland TX, 79701		City, State ZIP:		Midland TX 70701	701	Reporting level 1 1 and		
Phone: 432-7	432-766-1918	Email:		Istoneenera	1.com				
Project Name:	Ocotillo 6-31 State Com					ANAI VOIS DE	DIFET		
Project Number:	237253	✓ Routine	Rush	Pres.	_	DENTE I DIO REQUEST	MOEDI	Preservative Codes	ve Codes
Project Location	Eddy County	Due Date:		4000	-				DI Water: H ₂ O
Sampler's Name: PO #:	Tyler Kimball	TAT starts lab, if r	TAT starts the day received by the lab. if received by 4:30pm		MRO)			Cool: Cool HCL: HC	MeOH: Me HNO ₄ : HN
SAMPLE RECEIPT	Temp Blank:	Kes No Wet Ice-	Vac No	ters	R0 +			H ₂ SO ₄ : H ₂	NaOH: Na
Received Intact:	Yes No	nomete	u.		+ D			H ₃ PO ₄ : HP	
Cooler Custody Seals:	Yes No NIA	Correction Factor:	-062	Par EX 8	_			NaHSO4: NABIS	
Tet-10	Yes No N/A	Temperature Reading:	-0.32		5M (7- A-11-11-01-	1
Sample Identification	on Date	Time Soil	Water	# of	трн 80			NaOH+Ascorbic Acid: SAPC	cid: SAPC
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V-1 (1'-1.5')	4/13/2023	×	Grab/	-	× :			-	
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V-2 (0'5')	4/13/2023	×	Grab/	1 ×	×			cu	
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V-2 (2-2.5')	4/13/2023	×	Grab/	1 ×	××				
V-3 (0'5')	4/13/2023	×	Grab/	1 ×	×			16	
V-3 (1'-1.5')	4/13/2023	×	Grab/	1 ×	×			0	
V-3 (2-2.5')	4/13/2023	×	Grab/	1 x	× ×			00	
V-0 (0.0-0)	4/13/2023	×	Grab/	1 ×	x x			5	
Additional Comments:	mments:	Billing Code: EAROPEMTX	PEMTX			-		10	
Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. 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 a 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 e	and relinquishment of sam / for the cost of samples an 5.00 will be applied to each	ples constitutes a valid purch id shall not assume any respo project and a charge of \$5 for	ase order from client con nsibility for any losses or each sample submitted	mpany to Xenco, r expenses incu to Xenco, but nc	its affiliates and s rred by the client i analyzed. These	Volice: 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.	terms and conditions res beyond the control pusly negotlated.		
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Page 28 of 30

Chain of Custody

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H-4 (0'5) 4/13/2023 x Grab/ 1 x x Additional Comments: Billing Code: EAROPEMTX Volice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses or expenses incurred by the client if such losses or expenses incurred by the client if such losses or expenses incurred by the client if such losses or expenses incurred by the client if such losses or expenses incurred by the client if such losses or expenses incurred by the client if such losses or expenses incurred by the client if such losses or expenses incurred by the client if such losses or expenses incurred by the client if such losses or expenses incurred by the client if such losses or expenses incurred by the client if such losses or expenses incurred by the client if such losses or expenses incurred by the client if such losses or expenses incurred by the client if such losses or expenses incurred by the client if such losses or expenses incurred by the client if such losses or expenses incurred by the client if such losses or expenses incurred by the client if such losses or expenses incurred by the client if such losses or expenses incurred by the client if such losses or expenses incurred by the client if such losses or expenses incurred by the client if such losses or expenses incurred by the client if such losses or expenses incurred by the client if such losses or expenses incurred by the client if such losses or expenses incurred by the client if such losses or expenses incurred by the client if such losses or expenses incurred by the client if such losses or expenses incurred by the client if such losses or expenses incurred by the cli	H-4 (U'5') Additional Con Additional Con force: Signature of this document a of service. Xenco will be liable only i f Xenco. A minimum charge of \$85.	H-4 (U'-,5') Additional Con							V-5 (3'-3.5')	V-5 (2'-2.5')	V-5 (1'-1.5')	V-5 (0'5')	V-4 (1'-1.5')	V-4 (0'5')	Sample Identification	Total Collanets.	Total Containers:	Sample Custody Seals:	Cooler Custody Seals:	Received Intact:	SAMPLE RECEIPT	PO #	Project Location	Project Number:		Phone: 432-76	ate ZIP:		y Name:	-	Project Manager: Recky	ENVIRO	
	ure)	for the cost of samples and 00 will be applied to each p	nd relinquishment of samp	nments:	4/13/2023	4/14/2023	4/14/2023	4/14/2023	4/13/2023	4/13/2023	4/13/2023	4/13/2023	4/13/2023	4/13/2023		25	200	S.	ę j	(Yes No	Temp Blank:	i yier kimbali	Eddy County	237253	Ocotillo 6-31 State Com	432-766-1918	Midland TX, 79701	701 Tradewinds Blvd.	NIG Environmental	NTO T	Hackell	NTG	
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Γ	.)	ility for any losse h sample submitt	order from client	ATX	Grab/	Grab/	Grab/	Grab/	Grab/	Grab/	Grab/	Grab/	Grab/	Grab/	Water Grab/ Comp	-0.7		-0.2	.010:		Yes No	TAT starts the day received by the lab, if received by 4:30pm		Rush	Turn Around	Email: cmartin@earthstoneenergy.com	City, State ZIP:	Address:	Company Name:	Bill to: (if different)			
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		 It assigns standard terms and conditions are due to circumstances beyond the control enforced unless previously negotiated. 	terms and non-deline																						FOUEST	Deliverables: EDD	Reporting:Level	State of Project:	Program: UST/PS			Wo	
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Date/Time	DataTima														Sample Comments	NaOH+Ascorbic Acid: SAPC	Zn Acetate+NaOH: Zn	Na2S2O3: NaSO3	NaHSO4: NABIS	ŦP	H ₂ NaOH: Na			ervau		Other:				ents	Page 2 of 3	1282	

Page 29 of 30

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					TX	Billing Code: EAROPEMTX	Billing Co	S.	Additional Comments:	Additio
л-			x x x	1	Grab/	×		4/14/2023	5')	H-9 (0'5')
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38			x x x	1	Grab/	×		4/14/2023	5")	H-6 (0'5')
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Sample Comments			1	Cont	Water Comp	Soil	Time	Date	IUIICAUOII	
NaUH+Ascorbic Acid: SAPC			PH 8	#of		-11	1	2	tification	Cample Idea
Zn Acetate+NaOH: Zn			3015		-0.92	Corrected Temperature:	Corrected			Total Containers:
Nd20203: NaSU3			5M (0-3	Temperature Reading:	Tempera	NO NIA		Sample Custody Seals:
NaHSU4: NABIS	HOLI		GRC	Par	-0.102	Correction Factor:	Correctio	NO NA	Y	Cooler Custody Seals:
H ₃ PO ₄ : HP	_		0211 + D 450	am		neter ID:	Thermometer ID:	es No		Received Intact:
H2SU4: H2 NaOH: Na			RO	eter	Yes No	Wet Ice:	Yes	Temp Blank:		SAMPLE RECEIPT
			+ MI	s	lab, if received by 4:30pm	lab, if receiv)			PO 共
⊻			RO)		TAT starts the day received by the	TAT starts the d		Tyler Kimball	Ţ	Sampler's Name:
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IDAIA				Pres.	Rush	✓ Routine		237253		Project Number:
Droppontition Color	IFST	ANALYSIS REOLIEST			Turn Around	Turn	om	Ocotillo 6-31 State Com	Ocotillo	Project Name:
Other:	Deliverables: EDD ADaPT		gy.com	stoneener	cmartin@earthstoneenergy.com	Email:			432-766-1918	Phone:
PST/UT TRD LD	Reporting:Level D Level PS		Midland TX, 79701		City, State ZIP:			9701	Midland TX, 79701	City, State ZIP:
ſ	j		600 N. Marienfeld, Suite 1000		Address:			ds Blvd.	701 Tradewinds Blvd	Address:
Brownfiels RC Supe	Program: UST/PS PR Bro		Earthstone Operating LLC		Company Name:			mental	NTG Environmental	Company Name:
mments	Work Order Comments		Chris Martin		Bill to: (if different)			-	Becky Haskell	Project Manager:
Page 3 of 3										Deline
1231231	Work Order No: 123							24	N I G	
		tody	Chain of Custody	Chair				,	ĺ	

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April 27, 2023

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

RE: OCOTILLO 6-31 STATE COM

Enclosed are the results of analyses for samples received by the laboratory on 04/21/23 13:46.

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.

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. Keine

Celey D. Keene Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	04/21/2023	Sampling Date:	04/21/2023
Reported:	04/27/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253	Sample Received By:	Shalyn Rodriguez
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: TP - 1 0-6" (H231965-01)

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	04/25/2023	ND	1.87	93.4	2.00	8.80	
Toluene*	<0.050	0.050	04/25/2023	ND	1.98	99.0	2.00	5.79	
Ethylbenzene*	<0.050	0.050	04/25/2023	ND	2.07	103	2.00	8.29	
Total Xylenes*	<0.150	0.150	04/25/2023	ND	6.31	105	6.00	7.25	
Total BTEX	<0.300	0.300	04/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 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	800	16.0	04/25/2023	ND	432	108	400	3.64	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	04/26/2023	ND	179	89.6	200	3.48	
DRO >C10-C28*	<10.0	10.0	04/26/2023	ND	201	100	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	04/26/2023	ND					
Surrogate: 1-Chlorooctane	99.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108 9	% 49.1-14	0						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	04/21/2023	Sampling Date:	04/21/2023
Reported:	04/27/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253	Sample Received By:	Shalyn Rodriguez
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: TP - 1 1-1.5' (H231965-02)

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	04/25/2023	ND	1.87	93.4	2.00	8.80	
Toluene*	<0.050	0.050	04/25/2023	ND	1.98	99.0	2.00	5.79	
Ethylbenzene*	<0.050	0.050	04/25/2023	ND	2.07	103	2.00	8.29	
Total Xylenes*	<0.150	0.150	04/25/2023	ND	6.31	105	6.00	7.25	
Total BTEX	<0.300	0.300	04/25/2023	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	04/25/2023	ND	432	108	400	3.64	
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	04/25/2023	ND	179	89.6	200	3.48	
DRO >C10-C28*	<10.0	10.0	04/25/2023	ND	201	100	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	04/25/2023	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116 9	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	04/21/2023	Sampling Date:	04/21/2023
Reported:	04/27/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253	Sample Received By:	Shalyn Rodriguez
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: TP - 2 0-6" (H231965-03)

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	04/25/2023	ND	1.87	93.4	2.00	8.80	
Toluene*	<0.050	0.050	04/25/2023	ND	1.98	99.0	2.00	5.79	
Ethylbenzene*	<0.050	0.050	04/25/2023	ND	2.07	103	2.00	8.29	
Total Xylenes*	<0.150	0.150	04/25/2023	ND	6.31	105	6.00	7.25	
Total BTEX	<0.300	0.300	04/25/2023	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	1660	16.0	04/25/2023	ND	432	108	400	3.64	
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	04/24/2023	ND	192	96.0	200	6.98	
DRO >C10-C28*	<10.0	10.0	04/24/2023	ND	181	90.3	200	5.95	
EXT DRO >C28-C36	<10.0	10.0	04/24/2023	ND					
Surrogate: 1-Chlorooctane	89.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.4	% 49.1-14	8						

Cardinal Laboratories

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	04/21/2023	Sampling Date:	04/21/2023
Reported:	04/27/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253	Sample Received By:	Shalyn Rodriguez
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: TP - 2 1-1.5' (H231965-04)

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	04/25/2023	ND	1.87	93.4	2.00	8.80	
Toluene*	<0.050	0.050	04/25/2023	ND	1.98	99.0	2.00	5.79	
Ethylbenzene*	<0.050	0.050	04/25/2023	ND	2.07	103	2.00	8.29	
Total Xylenes*	<0.150	0.150	04/25/2023	ND	6.31	105	6.00	7.25	
Total BTEX	<0.300	0.300	04/25/2023	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	880	16.0	04/25/2023	ND	432	108	400	3.64	
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	04/24/2023	ND	192	96.0	200	6.98	
DRO >C10-C28*	<10.0	10.0	04/24/2023	ND	181	90.3	200	5.95	
EXT DRO >C28-C36	<10.0	10.0	04/24/2023	ND					
Surrogate: 1-Chlorooctane	88.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.1	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	04/21/2023	Sampling Date:	04/21/2023
Reported:	04/27/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253	Sample Received By:	Shalyn Rodriguez
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: TP - 2 2-2.5' (H231965-05)

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	04/25/2023	ND	1.85	92.5	2.00	0.544	QM-07
Toluene*	<0.050	0.050	04/25/2023	ND	1.97	98.6	2.00	0.176	
Ethylbenzene*	<0.050	0.050	04/25/2023	ND	2.07	103	2.00	0.0521	
Total Xylenes*	<0.150	0.150	04/25/2023	ND	6.31	105	6.00	0.0271	
Total BTEX	<0.300	0.300	04/25/2023	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	32.0	16.0	04/25/2023	ND	432	108	400	3.64	
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	04/24/2023	ND	192	96.0	200	6.98	
DRO >C10-C28*	<10.0	10.0	04/24/2023	ND	181	90.3	200	5.95	
EXT DRO >C28-C36	<10.0	10.0	04/24/2023	ND					
Surrogate: 1-Chlorooctane	85.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.0	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	04/21/2023	Sampling Date:	04/21/2023
Reported:	04/27/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253	Sample Received By:	Shalyn Rodriguez
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: TP - 3 0-6" (H231965-06)

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	04/25/2023	ND	1.85	92.5	2.00	0.544	
Toluene*	<0.050	0.050	04/25/2023	ND	1.97	98.6	2.00	0.176	
Ethylbenzene*	<0.050	0.050	04/25/2023	ND	2.07	103	2.00	0.0521	
Total Xylenes*	<0.150	0.150	04/25/2023	ND	6.31	105	6.00	0.0271	
Total BTEX	<0.300	0.300	04/25/2023	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	2600	16.0	04/25/2023	ND	432	108	400	3.64	
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	04/25/2023	ND	192	96.0	200	6.98	
DRO >C10-C28*	273	10.0	04/25/2023	ND	181	90.3	200	5.95	
EXT DRO >C28-C36	12.3	10.0	04/25/2023	ND					
Surrogate: 1-Chlorooctane	88.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103 9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	04/21/2023	Sampling Date:	04/21/2023
Reported:	04/27/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253	Sample Received By:	Shalyn Rodriguez
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: TP - 3 1-1.5' (H231965-07)

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	04/25/2023	ND	1.85	92.5	2.00	0.544	
Toluene*	<0.050	0.050	04/25/2023	ND	1.97	98.6	2.00	0.176	
Ethylbenzene*	<0.050	0.050	04/25/2023	ND	2.07	103	2.00	0.0521	
Total Xylenes*	<0.150	0.150	04/25/2023	ND	6.31	105	6.00	0.0271	
Total BTEX	<0.300	0.300	04/25/2023	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	304	16.0	04/25/2023	ND	432	108	400	3.64	
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	04/25/2023	ND	192	96.0	200	6.98	
DRO >C10-C28*	<10.0	10.0	04/25/2023	ND	181	90.3	200	5.95	
EXT DRO >C28-C36	<10.0	10.0	04/25/2023	ND					
Surrogate: 1-Chlorooctane	79.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.4	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	04/21/2023	Sampling Date:	04/21/2023
Reported:	04/27/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253	Sample Received By:	Shalyn Rodriguez
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: TP - 3 2-2.5' (H231965-08)

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	04/25/2023	ND	1.85	92.5	2.00	0.544	
Toluene*	<0.050	0.050	04/25/2023	ND	1.97	98.6	2.00	0.176	
Ethylbenzene*	<0.050	0.050	04/25/2023	ND	2.07	103	2.00	0.0521	
Total Xylenes*	<0.150	0.150	04/25/2023	ND	6.31	105	6.00	0.0271	
Total BTEX	<0.300	0.300	04/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 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	144	16.0	04/25/2023	ND	432	108	400	3.64	
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	04/25/2023	ND	192	96.0	200	6.98	
DRO >C10-C28*	<10.0	10.0	04/25/2023	ND	181	90.3	200	5.95	
EXT DRO >C28-C36	<10.0	10.0	04/25/2023	ND					
Surrogate: 1-Chlorooctane	86.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.4	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	04/21/2023	Sampling Date:	04/21/2023
Reported:	04/27/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253	Sample Received By:	Shalyn Rodriguez
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: TP - 4 0-6" (H231965-09)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	04/25/2023	ND	1.85	92.5	2.00	0.544	
Toluene*	<0.050	0.050	04/25/2023	ND	1.97	98.6	2.00	0.176	
Ethylbenzene*	<0.050	0.050	04/25/2023	ND	2.07	103	2.00	0.0521	
Total Xylenes*	<0.150	0.150	04/25/2023	ND	6.31	105	6.00	0.0271	
Total BTEX	<0.300	0.300	04/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 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	Qualifie
Chloride	1070	16.0	04/25/2023	ND	432	108	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10*	<10.0	10.0	04/25/2023	ND	192	96.0	200	6.98	
DRO >C10-C28*	39.1	10.0	04/25/2023	ND	181	90.3	200	5.95	
EXT DRO >C28-C36	<10.0	10.0	04/25/2023	ND					
Surrogate: 1-Chlorooctane	83.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	04/21/2023	Sampling Date:	04/21/2023
Reported:	04/27/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253	Sample Received By:	Shalyn Rodriguez
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: TP - 4 1-1.5' (H231965-10)

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	04/25/2023	ND	1.85	92.5	2.00	0.544	
Toluene*	<0.050	0.050	04/25/2023	ND	1.97	98.6	2.00	0.176	
Ethylbenzene*	<0.050	0.050	04/25/2023	ND	2.07	103	2.00	0.0521	
Total Xylenes*	<0.150	0.150	04/25/2023	ND	6.31	105	6.00	0.0271	
Total BTEX	<0.300	0.300	04/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 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	2800	16.0	04/25/2023	ND	432	108	400	3.64	
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	04/25/2023	ND	192	96.0	200	6.98	
DRO >C10-C28*	<10.0	10.0	04/25/2023	ND	181	90.3	200	5.95	
EXT DRO >C28-C36	<10.0	10.0	04/25/2023	ND					
Surrogate: 1-Chlorooctane	87.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.7	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	04/21/2023	Sampling Date:	04/21/2023
Reported:	04/27/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253	Sample Received By:	Shalyn Rodriguez
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: TP - 4 2-2.5' (H231965-11)

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	04/25/2023	ND	1.85	92.5	2.00	0.544	
Toluene*	<0.050	0.050	04/25/2023	ND	1.97	98.6	2.00	0.176	
Ethylbenzene*	<0.050	0.050	04/25/2023	ND	2.07	103	2.00	0.0521	
Total Xylenes*	<0.150	0.150	04/25/2023	ND	6.31	105	6.00	0.0271	
Total BTEX	<0.300	0.300	04/25/2023	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	2120	16.0	04/25/2023	ND	432	108	400	3.64	
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	04/25/2023	ND	192	96.0	200	6.98	
DRO >C10-C28*	<10.0	10.0	04/25/2023	ND	181	90.3	200	5.95	
EXT DRO >C28-C36	<10.0	10.0	04/25/2023	ND					
Surrogate: 1-Chlorooctane	86.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.5	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	04/21/2023	Sampling Date:	04/21/2023
Reported:	04/27/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253	Sample Received By:	Shalyn Rodriguez
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: TP - 4 3-3.5' (H231965-12)

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	04/25/2023	ND	1.85	92.5	2.00	0.544	
Toluene*	<0.050	0.050	04/25/2023	ND	1.97	98.6	2.00	0.176	
Ethylbenzene*	<0.050	0.050	04/25/2023	ND	2.07	103	2.00	0.0521	
Total Xylenes*	<0.150	0.150	04/25/2023	ND	6.31	105	6.00	0.0271	
Total BTEX	<0.300	0.300	04/25/2023	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	1470	16.0	04/25/2023	ND	432	108	400	3.64	
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	04/25/2023	ND	192	96.0	200	6.98	
DRO >C10-C28*	<10.0	10.0	04/25/2023	ND	181	90.3	200	5.95	
EXT DRO >C28-C36	<10.0	10.0	04/25/2023	ND					
Surrogate: 1-Chlorooctane	84.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.2	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	04/21/2023	Sampling Date:	04/21/2023
Reported:	04/27/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253	Sample Received By:	Shalyn Rodriguez
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: TP - 4 4-4.5' (H231965-13)

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	04/25/2023	ND	1.85	92.5	2.00	0.544	
Toluene*	<0.050	0.050	04/25/2023	ND	1.97	98.6	2.00	0.176	
Ethylbenzene*	<0.050	0.050	04/25/2023	ND	2.07	103	2.00	0.0521	
Total Xylenes*	<0.150	0.150	04/25/2023	ND	6.31	105	6.00	0.0271	
Total BTEX	<0.300	0.300	04/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 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	272	16.0	04/25/2023	ND	432	108	400	3.64	
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	04/25/2023	ND	192	96.0	200	6.98	
DRO >C10-C28*	<10.0	10.0	04/25/2023	ND	181	90.3	200	5.95	
EXT DRO >C28-C36	<10.0	10.0	04/25/2023	ND					
Surrogate: 1-Chlorooctane	87.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.0	% 49.1-14	8						

Cardinal Laboratories

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	04/21/2023	Sampling Date:	04/21/2023
Reported:	04/27/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253	Sample Received By:	Shalyn Rodriguez
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: TP - 5 0-6" (H231965-14)

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	04/25/2023	ND	1.85	92.5	2.00	0.544	
Toluene*	<0.050	0.050	04/25/2023	ND	1.97	98.6	2.00	0.176	
Ethylbenzene*	<0.050	0.050	04/25/2023	ND	2.07	103	2.00	0.0521	
Total Xylenes*	<0.150	0.150	04/25/2023	ND	6.31	105	6.00	0.0271	
Total BTEX	<0.300	0.300	04/25/2023	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	1340	16.0	04/25/2023	ND	432	108	400	3.64	
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	04/25/2023	ND	192	96.0	200	6.98	
DRO >C10-C28*	93.1	10.0	04/25/2023	ND	181	90.3	200	5.95	
EXT DRO >C28-C36	<10.0	10.0	04/25/2023	ND					
Surrogate: 1-Chlorooctane	85.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.4	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	04/21/2023	Sampling Date:	04/21/2023
Reported:	04/27/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253	Sample Received By:	Shalyn Rodriguez
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: TP - 5 1-1.5' (H231965-15)

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	04/25/2023	ND	1.85	92.5	2.00	0.544	
Toluene*	<0.050	0.050	04/25/2023	ND	1.97	98.6	2.00	0.176	
Ethylbenzene*	<0.050	0.050	04/25/2023	ND	2.07	103	2.00	0.0521	
Total Xylenes*	<0.150	0.150	04/25/2023	ND	6.31	105	6.00	0.0271	
Total BTEX	<0.300	0.300	04/25/2023	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	720	16.0	04/25/2023	ND	432	108	400	3.64	
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	04/25/2023	ND	192	96.0	200	6.98	
DRO >C10-C28*	<10.0	10.0	04/25/2023	ND	181	90.3	200	5.95	
EXT DRO >C28-C36	<10.0	10.0	04/25/2023	ND					
Surrogate: 1-Chlorooctane	83.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.7	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	04/21/2023	Sampling Date:	04/21/2023
Reported:	04/27/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253	Sample Received By:	Shalyn Rodriguez
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: TP - 5 2-2.5' (H231965-16)

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	04/25/2023	ND	1.85	92.5	2.00	0.544	
Toluene*	<0.050	0.050	04/25/2023	ND	1.97	98.6	2.00	0.176	
Ethylbenzene*	<0.050	0.050	04/25/2023	ND	2.07	103	2.00	0.0521	
Total Xylenes*	<0.150	0.150	04/25/2023	ND	6.31	105	6.00	0.0271	
Total BTEX	<0.300	0.300	04/25/2023	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	320	16.0	04/25/2023	ND	432	108	400	3.64	
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	04/25/2023	ND	192	96.0	200	6.98	
DRO >C10-C28*	<10.0	10.0	04/25/2023	ND	181	90.3	200	5.95	
EXT DRO >C28-C36	<10.0	10.0	04/25/2023	ND					
Surrogate: 1-Chlorooctane	88.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.8	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	04/21/2023	Sampling Date:	04/21/2023
Reported:	04/27/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253	Sample Received By:	Shalyn Rodriguez
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: TP - 5 3-3.5' (H231965-17)

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	04/25/2023	ND	1.85	92.5	2.00	0.544	
Toluene*	<0.050	0.050	04/25/2023	ND	1.97	98.6	2.00	0.176	
Ethylbenzene*	<0.050	0.050	04/25/2023	ND	2.07	103	2.00	0.0521	
Total Xylenes*	<0.150	0.150	04/25/2023	ND	6.31	105	6.00	0.0271	
Total BTEX	<0.300	0.300	04/25/2023	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	80.0	16.0	04/25/2023	ND	432	108	400	3.64	
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	04/25/2023	ND	192	96.0	200	6.98	
DRO >C10-C28*	<10.0	10.0	04/25/2023	ND	181	90.3	200	5.95	
EXT DRO >C28-C36	<10.0	10.0	04/25/2023	ND					
Surrogate: 1-Chlorooctane	75.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.7	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	04/21/2023	Sampling Date:	04/21/2023
Reported:	04/27/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253	Sample Received By:	Shalyn Rodriguez
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: TP - 6 0-6" (H231965-18)

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	04/25/2023	ND	1.85	92.5	2.00	0.544	
Toluene*	<0.050	0.050	04/25/2023	ND	1.97	98.6	2.00	0.176	
Ethylbenzene*	<0.050	0.050	04/25/2023	ND	2.07	103	2.00	0.0521	
Total Xylenes*	<0.150	0.150	04/25/2023	ND	6.31	105	6.00	0.0271	
Total BTEX	<0.300	0.300	04/25/2023	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	416	16.0	04/25/2023	ND	432	108	400	3.64	
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	04/25/2023	ND	192	96.0	200	6.98	
DRO >C10-C28*	<10.0	10.0	04/25/2023	ND	181	90.3	200	5.95	
EXT DRO >C28-C36	<10.0	10.0	04/25/2023	ND					
Surrogate: 1-Chlorooctane	78.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.1	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	04/21/2023	Sampling Date:	04/21/2023
Reported:	04/27/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253	Sample Received By:	Shalyn Rodriguez
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: TP - 6 1-1.5' (H231965-19)

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	04/25/2023	ND	1.85	92.5	2.00	0.544	
Toluene*	<0.050	0.050	04/25/2023	ND	1.97	98.6	2.00	0.176	
Ethylbenzene*	<0.050	0.050	04/25/2023	ND	2.07	103	2.00	0.0521	
Total Xylenes*	<0.150	0.150	04/25/2023	ND	6.31	105	6.00	0.0271	
Total BTEX	<0.300	0.300	04/25/2023	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	320	16.0	04/25/2023	ND	432	108	400	3.64	
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	04/25/2023	ND	192	96.0	200	6.98	
DRO >C10-C28*	<10.0	10.0	04/25/2023	ND	181	90.3	200	5.95	
EXT DRO >C28-C36	<10.0	10.0	04/25/2023	ND					
Surrogate: 1-Chlorooctane	83.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.8	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	04/21/2023	Sampling Date:	04/21/2023
Reported:	04/27/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253	Sample Received By:	Shalyn Rodriguez
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: TP - 6 2-2.5' (H231965-20)

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	04/25/2023	ND	1.85	92.5	2.00	0.544	
Toluene*	<0.050	0.050	04/25/2023	ND	1.97	98.6	2.00	0.176	
Ethylbenzene*	<0.050	0.050	04/25/2023	ND	2.07	103	2.00	0.0521	
Total Xylenes*	<0.150	0.150	04/25/2023	ND	6.31	105	6.00	0.0271	
Total BTEX	<0.300	0.300	04/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 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	368	16.0	04/25/2023	ND	432	108	400	3.64	
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	04/25/2023	ND	192	96.0	200	6.98	
DRO >C10-C28*	<10.0	10.0	04/25/2023	ND	181	90.3	200	5.95	
EXT DRO >C28-C36	<10.0	10.0	04/25/2023	ND					
Surrogate: 1-Chlorooctane	82.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.8	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	04/21/2023	Sampling Date:	04/21/2023
Reported:	04/27/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253	Sample Received By:	Shalyn Rodriguez
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: TP - 7 0-6" (H231965-21)

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	04/25/2023	ND	1.85	92.5	2.00	0.544	
Toluene*	<0.050	0.050	04/25/2023	ND	1.97	98.6	2.00	0.176	
Ethylbenzene*	<0.050	0.050	04/25/2023	ND	2.07	103	2.00	0.0521	
Total Xylenes*	<0.150	0.150	04/25/2023	ND	6.31	105	6.00	0.0271	
Total BTEX	<0.300	0.300	04/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 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	512	16.0	04/25/2023	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	04/25/2023	ND	192	96.0	200	6.98	
DRO >C10-C28*	<10.0	10.0	04/25/2023	ND	181	90.3	200	5.95	
EXT DRO >C28-C36	<10.0	10.0	04/25/2023	ND					
Surrogate: 1-Chlorooctane	85.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.8	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	04/21/2023	Sampling Date:	04/21/2023
Reported:	04/27/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253	Sample Received By:	Shalyn Rodriguez
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: TP - 7 1-1.5' (H231965-22)

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	04/25/2023	ND	1.85	92.5	2.00	0.544	
Toluene*	<0.050	0.050	04/25/2023	ND	1.97	98.6	2.00	0.176	
Ethylbenzene*	<0.050	0.050	04/25/2023	ND	2.07	103	2.00	0.0521	
Total Xylenes*	<0.150	0.150	04/25/2023	ND	6.31	105	6.00	0.0271	
Total BTEX	<0.300	0.300	04/25/2023	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	160	16.0	04/25/2023	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	04/25/2023	ND	192	96.0	200	6.98	
DRO >C10-C28*	<10.0	10.0	04/25/2023	ND	181	90.3	200	5.95	
EXT DRO >C28-C36	<10.0	10.0	04/25/2023	ND					
Surrogate: 1-Chlorooctane	75.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	04/21/2023	Sampling Date:	04/21/2023
Reported:	04/27/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253	Sample Received By:	Shalyn Rodriguez
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: TP - 8 0-6" (H231965-23)

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	04/25/2023	ND	1.85	92.5	2.00	0.544	
Toluene*	<0.050	0.050	04/25/2023	ND	1.97	98.6	2.00	0.176	
Ethylbenzene*	<0.050	0.050	04/25/2023	ND	2.07	103	2.00	0.0521	
Total Xylenes*	<0.150	0.150	04/25/2023	ND	6.31	105	6.00	0.0271	
Total BTEX	<0.300	0.300	04/25/2023	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	2290	16.0	04/25/2023	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	04/25/2023	ND	228	114	200	2.52	
DRO >C10-C28*	289	10.0	04/25/2023	ND	195	97.7	200	3.27	QM-07
EXT DRO >C28-C36	15.9	10.0	04/25/2023	ND					
Surrogate: 1-Chlorooctane	82.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.0	% 49.1-14	8						

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*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	04/21/2023	Sampling Date:	04/21/2023
Reported:	04/27/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253	Sample Received By:	Shalyn Rodriguez
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: TP - 8 1-1.5' (H231965-24)

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	04/25/2023	ND	1.85	92.5	2.00	0.544	
Toluene*	<0.050	0.050	04/25/2023	ND	1.97	98.6	2.00	0.176	
Ethylbenzene*	<0.050	0.050	04/25/2023	ND	2.07	103	2.00	0.0521	
Total Xylenes*	<0.150	0.150	04/25/2023	ND	6.31	105	6.00	0.0271	
Total BTEX	<0.300	0.300	04/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 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	416	16.0	04/25/2023	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	04/25/2023	ND	228	114	200	2.52	
DRO >C10-C28*	<10.0	10.0	04/25/2023	ND	195	97.7	200	3.27	
EXT DRO >C28-C36	<10.0	10.0	04/25/2023	ND					
Surrogate: 1-Chlorooctane	87.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.7	% 49.1-14	8						

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*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	04/21/2023	Sampling Date:	04/21/2023
Reported:	04/27/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253	Sample Received By:	Shalyn Rodriguez
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: TP - 8 2-2.5' (H231965-25)

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	04/25/2023	ND	1.87	93.3	2.00	0.628	QR-03
Toluene*	<0.050	0.050	04/25/2023	ND	1.97	98.6	2.00	1.69	QR-03
Ethylbenzene*	<0.050	0.050	04/25/2023	ND	2.19	109	2.00	3.87	QR-03
Total Xylenes*	<0.150	0.150	04/25/2023	ND	6.67	111	6.00	4.87	QR-03
Total BTEX	<0.300	0.300	04/25/2023	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	112	16.0	04/25/2023	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	04/25/2023	ND	228	114	200	2.52	
DRO >C10-C28*	<10.0	10.0	04/25/2023	ND	195	97.7	200	3.27	
EXT DRO >C28-C36	<10.0	10.0	04/25/2023	ND					
Surrogate: 1-Chlorooctane	88.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.1	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

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

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

1	NIGE BILL TO	Hockey Hasley ANALYSIS	As Travecumus Blue company:	0-6" (11 X 4)203		lity and cli	anvayees. At claims including those for negligence and any other cause whatsoever shall be deemed waived unless made a service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business in iffliates or successors arising out of or related to the performance of services hereunder by Cardinal, repardless of whether Relinquished By:	101 East Marian (575) 393-2326 (575) 393-2326 Project Manager: NIC: Project Manager: RCL Project Manager: RCL Project Name: OLOhTILo Project Name: OLOhTILo Project Name: OLOhTILo Sampler Name: OLOhTILo Lab I.D. Sample H-231945 TP-1 JP-1 TP-1 JP-3 TP-2 AG TP-3 FP-3 AG TP-4	BILL TO ANALYSIS REQUEST PO. #: Company: Boths Itan. Chy: Chy: VAS State: Chy: Chy: Chy: </th
pany Name: NICJ= BILL TO set Manager: Becky Haylell P.O. #: ess: 701 Travecurrus Blue Marilium State: The Topology Company: Boths line	Mallinn State The Top Company: Zorthstene ANALYSIS	Mallin Travecurres Blue company: Part	JUVI/IVI State: The	Address: 37 3 3 Project Owner: Ouchrlla 6 31 Shale long Wastewater Soll GROUNDWATER WASTEWATER Soll OIL Soll OTHER: Acid/Base: ICE / COOL OTHER: Acid/Base: ICE / COOL OTHER:	Address: Address: Clohflue 6 31 State City: Clohflue 6 31 State City: n: Euby (s, 1)/h WUCB State: Zip: Image: Euby (s, 1)/h WuCB State: Zip: Image: Euby (s, 1)/h WuCB Phone #: Phone #: Image: Euby (s, 1)/h Fax #: Fax #: Image: Euby (G)RAB OR (C)OMP. Fax #: Fax #: Image: Euby GROUNDWATER Fax #: Fax #: Image: Euby OIL SoilL DATE TIME Image: Euby OIL SoilL DATE TIME Image: Euby OIL DATE TIME Image: Euby Image: Euby OIL DATE TIME	Address: Address: UCS Project Owner: City: Ouchflus 6 31 State: Zip: Dury (s_1, UA) WUCS State: Zip: Phone #: Preserver Fax #: Preserver Chuny $Uorn Wastewater Matrix Preserver Sample I.D. The-1 I-1.5' Groundwater Matrix Preserver Samplung The-2 I-1.5' Groundwater Matrix Preserver Samplung The-3 I-1.5' Groundwater Vastewater Imme Time The-3 I-1.5' Imme Imme Imme The-3 Imme Imme Imme Imme Imme Imme Imme Imme Imme Imme Imme Imme Imme Imme Imme Imme $	Project Name: Owh/l/b 6 31 Shafe Covmer: Project Name: Address: City: Phone #: Project Name: Owh/l/b 6 31 Shafe Covmer: Figure Name: City: Phone #: Sampler Name: Wnny How Fax #: Fax #: Phone #: I ab 1.D. Sample I.D. Sample I.D. Fax #: Fax #: Lab 1.D. Sample I.D. Or-6 '' GROUNDWATER Sample I.D. Fax #: Fax #: Lab 1.D. TP-1 Or-6 '' GROUNDWATER Sample I.D. Fax #: Fax #: Lab 1.D. TP-1 Or-6 '' GROUNDWATER Sample I.D. Fax #: Fax #: Lab 1.D. TP-1 Or-6 '' GROUNDWATER Sample I.D. Fax #: Fax #: J TP-1 Or-6 '' G J GRAB OR (C)OMP. DATE VASTEWATER TIME J TP-3 Or-6 '' G J GROUNDWATER Sample I.D. DATE VASTEWATER TIME J TP-3 Or-6 '' J R Sample I.D. ACID/BASE: Up I.D. J TP-3 Or-6 '' J R Sample I.D. ACID/BASE: Up I.Sample I.D. J TP-3 Or-6 '' J R Sample I.D. J R Sample I.D. Up I.Sample I.D. J TP-4 Or-6 '' J R Sample I.D. J R Sample I.D. J R Sample I.D. J TP-4 Or-6 '' J R Sample	e#: 432~766~/4/8 Fax#:	Attn: Chms
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NICIE BILL TO ANALYSIS Backy Hayle II P.O. #: P.O. #: P.O. #: I Travecuruls Blud State: TY Zip: 79701 Company: Farthstance Analysis SJ-766 - (918' Fax #: State: TY Zip: 79701 Attn: Chms Marhn SJ-766 - (918' Fax #: Address: City: SJ-766 - (918' Fax #: City: SJ-766 - (918' Fax #: State: SJ-766 - (918' Fax #: State:	Isculuy Hoslaul P.O. #: ANALYSIS 1 Trauleunnuls B(vc) Company: Earthstance unv state: TX zip: 7970 Attn: Chms 32-766 - (918 Fax #: Address: 37353 Project Owner: Address: 100htlla 6 31 State (ann) 100htlla 6 31 State (ann)	1) Trudeuspuls Blud www state: TX zip: 79701 Attn: Chris 32-766-(918 Fax #: 37253 Project Owner: Wohtlo 6 31 State Corn WCB state: zip:	Curve State: TY Zip: TQ701 Attn: Chms 32-766-(ql& Fax #: 32 Address: Address: 37253 Project Owner: City: 100h7lba 6 31 State: Zip:	GROUNDWATER GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER : ACID/BASE: ICE / COOL OTHER : ICE / COOL OTHER : ICE / COOL	Fax #: TP-1 0-6 1-1-5 0-6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 <	Fax #: Fax #: Sample I.D. Sample I.D. TP-1 D-6 TP-3 D-6 Sample I.D. TIP-3 D-6 Sample I.D. Sample I.D. TP-3 D-6 Sample I.D. Date TIP-3 D-6 Sample I.D. Date TIP-3 Date TIP-3 Date <t< td=""><td>Forward of the second and a construction of the second and construction of the second and construction of the secon</td><td>I Fully (2,</td><td>Phone #:</td></t<>	Forward of the second and a construction of the second and construction of the second and construction of the secon	I Fully (2,	Phone #:
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Virti (Viru) State: IY. Zip: 707.0 / Attn:: Chmb Morting: Project #: 33.3.5.3 Project Owner: Address: Address: Project Mame: Ouchrlub 6.3.1.36/c. Gm WCIS State: Zip: Project Location: EWy (a) Male Phone #: City: Phone #: City: Sampler Name: Ouchrlub 6.3.1.36/c. Gm WCIS State: Zip: Phone #: Sampler Name: Van W (a) July Phone #: Fax #:</td></td<> <td>S TP-2 3-3.5' G TP-3 0-6'' TP-3 0-6'' A TP-3 0-6'' A TP-3 0-6'' A TP-3 0-6'' A TP-3 0-6'' A TP-3 0-6'' A TP-3 0-6'' A TP-4 0-6'' A T</td> <td>A TP-3 I-1.5' B TP-3 I-1.5' B TP-4 I-1.5' PLEASE NOTE: Labely and Damages. Cardinal's labeling and clears exclusive remedy for any claim axising whether based in contract or lort, shall be limited to the amount paid by the cleart for the analyses. All claims including those for incidental or consequental damages, including whether based in contract or lort, shall be limited to the amount paid by the cleart for the analyses. 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Description Description of the above characteria.</td> <td>note and any other cause whatsoever shall be deemed waiwed unserver working and received by Cardinal whith 30 days after completion of the applicit incidential or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by clerint, its subsidiaries, to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or cheaviere.</td> <td></td> <td>Time: Time:</td> <td>deigney</td>	Address: 101 Tradiction is also in the formation of the problem of t	Forsy. Virti (Viru) State: IY. Zip: 707.0 / Attn:: Chmb Morting: Project #: 33.3.5.3 Project Owner: Address: Address: Project Mame: Ouchrlub 6.3.1.36/c. Gm WCIS State: Zip: Project Location: EWy (a) Male Phone #: City: Phone #: City: Sampler Name: Ouchrlub 6.3.1.36/c. 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Page 28 of 30

CHAIN-CF-CUSTODY AND ANALYSIS REQUEST Instrument House, NM 8820 Company Name: NB-2 Project Manage: Reck (1) Chain Chain Chain Chain </th <th>Bacteria (only) Sample Condition Cool Infact Observed Temp. °C</th> <th>Turnaround Time: Standard Thermometer ID #113 Correction Factor -0.6°C</th> <th>ed Temp. °C-7 Sample Condition CHECKED BY: Turnaround Time: Standard Ba ed Temp. °C-7 Cool Infact (Initials) ed Temp. °C-7 Cool Infact (Initials) Pres Yes Yes No No Correction Factor -0.6°C</th> <th>Observ</th> <th>Delivered By: (Circle One) Sampler - UPS - Bus - Other: FORM-000 R 3.3 0//16/22</th>	Bacteria (only) Sample Condition Cool Infact Observed Temp. °C	Turnaround Time: Standard Thermometer ID #113 Correction Factor -0.6°C	ed Temp. °C-7 Sample Condition CHECKED BY: Turnaround Time: Standard Ba ed Temp. °C-7 Cool Infact (Initials) ed Temp. °C-7 Cool Infact (Initials) Pres Yes Yes No No Correction Factor -0.6°C	Observ	Delivered By: (Circle One) Sampler - UPS - Bus - Other: FORM-000 R 3.3 0//16/22
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Received by OCD: 8/8/2023 12:00:25 AM

PLEASE NOTE: Liability and Damages. Cardinal's liability and d service. In no event shall Cardinal to liability and d afflates or successors arising out of or realised to the performance afflates or successors arising out of or related to the performance afflates or successors arising out of or related to the performance afflates or successors arising out of or related to the performance afflates or successors arising out of or related to the performance afflates or successors arising out of or related to the performance afflates or successors arising out of or related to the performance afflates or successors arising out of or related to the performance afflates or successors arising out of or related to the performance afflates or successors arising out of or related to the performance afflates or successors arising out of or related to the performance afflates or successors arising out of or related to the performance afflates or successors arising out of or related to the performance afflates or successors arising out of or related to the performance afflates or successors arising out of or related to the performance afflates or successors arising out of or related to the performance afflates of the performance of the performance afflates of the performance of the performance afflates of the performance of the performance of the performance afflates of the performance of the performance of the performance afflates of the performance of the performance of the performance of the performance afflates of the performance of the	101 East Mar (575) 393-2: Company Name: 101 Project Manager: Belly Address: 701 Travie City: M:(J)Jund Phone #: 43- 766 Project Name: Out 15116 Project Location: Eddy Sampler Name: Uth 1516 FOR LABUSE ONLY FOR LABUSE ONLY
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June 15, 2023

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

RE: OCOTILLO 6-31 STATE COM

Enclosed are the results of analyses for samples received by the laboratory on 06/12/23 13:35.

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.

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. Keine

Celey D. Keene Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	06/12/2023	Sampling Date:	06/09/2023
Reported:	06/15/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253 (WCB #002H)	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: CS - 1 A (2.5') (H232985-01)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/14/2023	ND	2.15	108	2.00	2.73	QR-03
Toluene*	<0.050	0.050	06/14/2023	ND	2.22	111	2.00	3.65	QR-03
Ethylbenzene*	<0.050	0.050	06/14/2023	ND	2.14	107	2.00	2.12	QR-03
Total Xylenes*	<0.150	0.150	06/14/2023	ND	6.68	111	6.00	3.26	QR-03
Total BTEX	<0.300	0.300	06/14/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 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	06/12/2023	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	06/13/2023	ND	188	94.0	200	11.0	
DRO >C10-C28*	<10.0	10.0	06/13/2023	ND	190	95.2	200	5.44	
EXT DRO >C28-C36	<10.0	10.0	06/13/2023	ND					
Surrogate: 1-Chlorooctane	73.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	71.0	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	06/12/2023	Sampling Date:	06/09/2023
Reported:	06/15/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253 (WCB #002H)	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: CS - 2 A (2.5') (H232985-02)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/14/2023	ND	2.15	108	2.00	2.73	
Toluene*	<0.050	0.050	06/14/2023	ND	2.22	111	2.00	3.65	
Ethylbenzene*	<0.050	0.050	06/14/2023	ND	2.14	107	2.00	2.12	
Total Xylenes*	<0.150	0.150	06/14/2023	ND	6.68	111	6.00	3.26	
Total BTEX	<0.300	0.300	06/14/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 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	48.0	16.0	06/12/2023	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	06/13/2023	ND	188	94.0	200	11.0	
DRO >C10-C28*	<10.0	10.0	06/13/2023	ND	190	95.2	200	5.44	
EXT DRO >C28-C36	<10.0	10.0	06/13/2023	ND					
Surrogate: 1-Chlorooctane	72.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	71.2	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	06/12/2023	Sampling Date:	06/09/2023
Reported:	06/15/2023	Sampling Type:	Soil
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Project Number:	237253 (WCB #002H)	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: CS - 3 A (2.5') (H232985-03)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/14/2023	ND	2.15	108	2.00	2.73	
Toluene*	<0.050	0.050	06/14/2023	ND	2.22	111	2.00	3.65	
Ethylbenzene*	<0.050	0.050	06/14/2023	ND	2.14	107	2.00	2.12	
Total Xylenes*	<0.150	0.150	06/14/2023	ND	6.68	111	6.00	3.26	
Total BTEX	<0.300	0.300	06/14/2023	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	128	16.0	06/12/2023	ND	432	108	400	3.64	
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	06/13/2023	ND	188	94.0	200	11.0	
DRO >C10-C28*	<10.0	10.0	06/13/2023	ND	190	95.2	200	5.44	
EXT DRO >C28-C36	<10.0	10.0	06/13/2023	ND					
Surrogate: 1-Chlorooctane	60.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	59.2	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	06/12/2023	Sampling Date:	06/09/2023
Reported:	06/15/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253 (WCB #002H)	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: CS - 5 A (2.5') (H232985-04)

BTEX 8021B	mg,	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/13/2023	ND	2.12	106	2.00	14.9	
Toluene*	<0.050	0.050	06/13/2023	ND	2.05	103	2.00	16.8	
Ethylbenzene*	<0.050	0.050	06/13/2023	ND	2.10	105	2.00	15.8	
Total Xylenes*	<0.150	0.150	06/13/2023	ND	6.28	105	6.00	15.9	
Total BTEX	<0.300	0.300	06/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.5	% 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	144	16.0	06/12/2023	ND	432	108	400	3.64	
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	06/13/2023	ND	188	94.0	200	11.0	
DRO >C10-C28*	<10.0	10.0	06/13/2023	ND	190	95.2	200	5.44	
EXT DRO >C28-C36	<10.0	10.0	06/13/2023	ND					
Surrogate: 1-Chlorooctane	64.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	62.5	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	06/12/2023	Sampling Date:	06/09/2023
Reported:	06/15/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253 (WCB #002H)	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: CS - 6 A (2.5') (H232985-05)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/13/2023	ND	2.12	106	2.00	14.9	
Toluene*	<0.050	0.050	06/13/2023	ND	2.05	103	2.00	16.8	
Ethylbenzene*	<0.050	0.050	06/13/2023	ND	2.10	105	2.00	15.8	
Total Xylenes*	<0.150	0.150	06/13/2023	ND	6.28	105	6.00	15.9	
Total BTEX	<0.300	0.300	06/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 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	06/12/2023	ND	432	108	400	3.64	
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	06/14/2023	ND	188	94.0	200	11.0	
DRO >C10-C28*	<10.0	10.0	06/14/2023	ND	190	95.2	200	5.44	
EXT DRO >C28-C36	<10.0	10.0	06/14/2023	ND					
Surrogate: 1-Chlorooctane	76.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.0	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	06/12/2023	Sampling Date:	06/09/2023
Reported:	06/15/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253 (WCB #002H)	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: CS - 10 A (2.5') (H232985-06)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/13/2023	ND	2.12	106	2.00	14.9	
Toluene*	<0.050	0.050	06/13/2023	ND	2.05	103	2.00	16.8	
Ethylbenzene*	<0.050	0.050	06/13/2023	ND	2.10	105	2.00	15.8	
Total Xylenes*	<0.150	0.150	06/13/2023	ND	6.28	105	6.00	15.9	
Total BTEX	<0.300	0.300	06/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.4	% 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	176	16.0	06/12/2023	ND	432	108	400	3.64	
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	06/14/2023	ND	188	94.0	200	11.0	
DRO >C10-C28*	<10.0	10.0	06/14/2023	ND	190	95.2	200	5.44	
EXT DRO >C28-C36	<10.0	10.0	06/14/2023	ND					
Surrogate: 1-Chlorooctane	83.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.3	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	06/12/2023	Sampling Date:	06/09/2023
Reported:	06/15/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253 (WCB #002H)	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: CS - 11 A (2.5') (H232985-07)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/13/2023	ND	2.12	106	2.00	14.9	
Toluene*	<0.050	0.050	06/13/2023	ND	2.05	103	2.00	16.8	
Ethylbenzene*	<0.050	0.050	06/13/2023	ND	2.10	105	2.00	15.8	
Total Xylenes*	<0.150	0.150	06/13/2023	ND	6.28	105	6.00	15.9	
Total BTEX	<0.300	0.300	06/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 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	06/12/2023	ND	432	108	400	3.64	
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	06/14/2023	ND	188	94.0	200	11.0	
DRO >C10-C28*	<10.0	10.0	06/14/2023	ND	190	95.2	200	5.44	
EXT DRO >C28-C36	<10.0	10.0	06/14/2023	ND					
Surrogate: 1-Chlorooctane	85.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.1	% 49.1-14	8						

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NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	06/12/2023	Sampling Date:	06/09/2023
Reported:	06/15/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253 (WCB #002H)	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: CS - 13 A (2.5') (H232985-08)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/13/2023	ND	2.12	106	2.00	14.9	
Toluene*	<0.050	0.050	06/13/2023	ND	2.05	103	2.00	16.8	
Ethylbenzene*	<0.050	0.050	06/13/2023	ND	2.10	105	2.00	15.8	
Total Xylenes*	<0.150	0.150	06/13/2023	ND	6.28	105	6.00	15.9	
Total BTEX	<0.300	0.300	06/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.8	% 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	06/12/2023	ND	432	108	400	3.64	
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	06/14/2023	ND	188	94.0	200	11.0	
DRO >C10-C28*	<10.0	10.0	06/14/2023	ND	190	95.2	200	5.44	
EXT DRO >C28-C36	<10.0	10.0	06/14/2023	ND					
Surrogate: 1-Chlorooctane	78.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.7	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	06/12/2023	Sampling Date:	06/09/2023
Reported:	06/15/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253 (WCB #002H)	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: CS - 14 A (2.5') (H232985-09)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/13/2023	ND	2.12	106	2.00	14.9	
Toluene*	<0.050	0.050	06/13/2023	ND	2.05	103	2.00	16.8	
Ethylbenzene*	<0.050	0.050	06/13/2023	ND	2.10	105	2.00	15.8	
Total Xylenes*	<0.150	0.150	06/13/2023	ND	6.28	105	6.00	15.9	
Total BTEX	<0.300	0.300	06/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 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	06/12/2023	ND	432	108	400	3.64	
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	06/14/2023	ND	188	94.0	200	11.0	
DRO >C10-C28*	<10.0	10.0	06/14/2023	ND	190	95.2	200	5.44	
EXT DRO >C28-C36	<10.0	10.0	06/14/2023	ND					
Surrogate: 1-Chlorooctane	74.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	73.9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	06/12/2023	Sampling Date:	06/09/2023
Reported:	06/15/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253 (WCB #002H)	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: CS - 15 A (4') (H232985-10)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/13/2023	ND	2.12	106	2.00	14.9	
Toluene*	<0.050	0.050	06/13/2023	ND	2.05	103	2.00	16.8	
Ethylbenzene*	<0.050	0.050	06/13/2023	ND	2.10	105	2.00	15.8	
Total Xylenes*	<0.150	0.150	06/13/2023	ND	6.28	105	6.00	15.9	
Total BTEX	<0.300	0.300	06/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.6	% 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	06/12/2023	ND	432	108	400	3.64	
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	06/14/2023	ND	188	94.0	200	11.0	
DRO >C10-C28*	<10.0	10.0	06/14/2023	ND	190	95.2	200	5.44	
EXT DRO >C28-C36	<10.0	10.0	06/14/2023	ND					
Surrogate: 1-Chlorooctane	71.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	68.7	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	06/12/2023	Sampling Date:	06/09/2023
Reported:	06/15/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253 (WCB #002H)	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: CS - 20 A (1.5') (H232985-11)

BTEX 8021B	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/13/2023	ND	2.12	106	2.00	14.9	
Toluene*	<0.050	0.050	06/13/2023	ND	2.05	103	2.00	16.8	
Ethylbenzene*	<0.050	0.050	06/13/2023	ND	2.10	105	2.00	15.8	
Total Xylenes*	<0.150	0.150	06/13/2023	ND	6.28	105	6.00	15.9	
Total BTEX	<0.300	0.300	06/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 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	240	16.0	06/12/2023	ND	432	108	400	3.64	
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	06/14/2023	ND	188	94.0	200	11.0	
DRO >C10-C28*	<10.0	10.0	06/14/2023	ND	190	95.2	200	5.44	
EXT DRO >C28-C36	<10.0	10.0	06/14/2023	ND					
Surrogate: 1-Chlorooctane	78.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.4	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	06/12/2023	Sampling Date:	06/09/2023
Reported:	06/15/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253 (WCB #002H)	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: CS - 21 A (1.5') (H232985-12)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/13/2023	ND	2.12	106	2.00	14.9	
Toluene*	<0.050	0.050	06/13/2023	ND	2.05	103	2.00	16.8	
Ethylbenzene*	<0.050	0.050	06/13/2023	ND	2.10	105	2.00	15.8	
Total Xylenes*	<0.150	0.150	06/13/2023	ND	6.28	105	6.00	15.9	
Total BTEX	<0.300	0.300	06/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.7	% 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	560	16.0	06/12/2023	ND	432	108	400	3.64	
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	06/14/2023	ND	188	94.0	200	11.0	
DRO >C10-C28*	<10.0	10.0	06/14/2023	ND	190	95.2	200	5.44	
EXT DRO >C28-C36	<10.0	10.0	06/14/2023	ND					
Surrogate: 1-Chlorooctane	74.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.3	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	06/12/2023	Sampling Date:	06/09/2023
Reported:	06/15/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253 (WCB #002H)	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: CS - 22 A (1.5') (H232985-13)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/13/2023	ND	2.12	106	2.00	14.9	
Toluene*	<0.050	0.050	06/13/2023	ND	2.05	103	2.00	16.8	
Ethylbenzene*	<0.050	0.050	06/13/2023	ND	2.10	105	2.00	15.8	
Total Xylenes*	<0.150	0.150	06/13/2023	ND	6.28	105	6.00	15.9	
Total BTEX	<0.300	0.300	06/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.1	% 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	784	16.0	06/12/2023	ND	432	108	400	3.64	
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	06/14/2023	ND	188	94.0	200	11.0	
DRO >C10-C28*	25.1	10.0	06/14/2023	ND	190	95.2	200	5.44	
EXT DRO >C28-C36	<10.0	10.0	06/14/2023	ND					
Surrogate: 1-Chlorooctane	68.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	69.8	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	06/12/2023	Sampling Date:	06/09/2023
Reported:	06/15/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253 (WCB #002H)	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: CS - 36 (1.5'-2') (H232985-14)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/13/2023	ND	2.12	106	2.00	14.9	
Toluene*	<0.050	0.050	06/13/2023	ND	2.05	103	2.00	16.8	
Ethylbenzene*	<0.050	0.050	06/13/2023	ND	2.10	105	2.00	15.8	
Total Xylenes*	<0.150	0.150	06/13/2023	ND	6.28	105	6.00	15.9	
Total BTEX	<0.300	0.300	06/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.3	% 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	06/12/2023	ND	432	108	400	3.64	
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	06/14/2023	ND	188	94.0	200	11.0	
DRO >C10-C28*	<10.0	10.0	06/14/2023	ND	190	95.2	200	5.44	
EXT DRO >C28-C36	<10.0	10.0	06/14/2023	ND					
Surrogate: 1-Chlorooctane	74.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	73.7	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	06/12/2023	Sampling Date:	06/09/2023
Reported:	06/15/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253 (WCB #002H)	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: CS - 37 (1.5'-2') (H232985-15)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/13/2023	ND	2.12	106	2.00	14.9	
Toluene*	<0.050	0.050	06/13/2023	ND	2.05	103	2.00	16.8	
Ethylbenzene*	<0.050	0.050	06/13/2023	ND	2.10	105	2.00	15.8	
Total Xylenes*	<0.150	0.150	06/13/2023	ND	6.28	105	6.00	15.9	
Total BTEX	<0.300	0.300	06/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 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	144	16.0	06/12/2023	ND	432	108	400	3.64	
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	06/14/2023	ND	188	94.0	200	11.0	
DRO >C10-C28*	<10.0	10.0	06/14/2023	ND	190	95.2	200	5.44	
EXT DRO >C28-C36	<10.0	10.0	06/14/2023	ND					
Surrogate: 1-Chlorooctane	79.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.7	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	06/12/2023	Sampling Date:	06/09/2023
Reported:	06/15/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253 (WCB #002H)	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: SW - 1 A (0'-2.5') (H232985-16)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/13/2023	ND	2.12	106	2.00	14.9	
Toluene*	<0.050	0.050	06/13/2023	ND	2.05	103	2.00	16.8	
Ethylbenzene*	<0.050	0.050	06/13/2023	ND	2.10	105	2.00	15.8	
Total Xylenes*	<0.150	0.150	06/13/2023	ND	6.28	105	6.00	15.9	
Total BTEX	<0.300	0.300	06/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.0	% 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	192	16.0	06/12/2023	ND	432	108	400	3.64	
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	06/14/2023	ND	188	94.0	200	11.0	
DRO >C10-C28*	<10.0	10.0	06/14/2023	ND	190	95.2	200	5.44	
EXT DRO >C28-C36	<10.0	10.0	06/14/2023	ND					
Surrogate: 1-Chlorooctane	69.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	68.7	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	06/12/2023	Sampling Date:	06/09/2023
Reported:	06/15/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253 (WCB #002H)	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: SW - 2 A (0'-2') (H232985-17)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/13/2023	ND	2.12	106	2.00	14.9	
Toluene*	<0.050	0.050	06/13/2023	ND	2.05	103	2.00	16.8	
Ethylbenzene*	<0.050	0.050	06/13/2023	ND	2.10	105	2.00	15.8	
Total Xylenes*	<0.150	0.150	06/13/2023	ND	6.28	105	6.00	15.9	
Total BTEX	<0.300	0.300	06/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.2	% 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	06/12/2023	ND	432	108	400	3.64	
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	06/14/2023	ND	188	94.0	200	11.0	
DRO >C10-C28*	<10.0	10.0	06/14/2023	ND	190	95.2	200	5.44	
EXT DRO >C28-C36	<10.0	10.0	06/14/2023	ND					
Surrogate: 1-Chlorooctane	70.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	68.7	% 49.1-14	8						

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NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	06/12/2023	Sampling Date:	06/09/2023
Reported:	06/15/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253 (WCB #002H)	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: SW - 3 A (0'-2') (H232985-18)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/13/2023	ND	2.12	106	2.00	14.9	
Toluene*	<0.050	0.050	06/13/2023	ND	2.05	103	2.00	16.8	
Ethylbenzene*	<0.050	0.050	06/13/2023	ND	2.10	105	2.00	15.8	
Total Xylenes*	<0.150	0.150	06/13/2023	ND	6.28	105	6.00	15.9	
Total BTEX	<0.300	0.300	06/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 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	06/12/2023	ND	432	108	400	3.64	
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	06/15/2023	ND	188	94.0	200	11.0	
DRO >C10-C28*	<10.0	10.0	06/15/2023	ND	190	95.2	200	5.44	
EXT DRO >C28-C36	<10.0	10.0	06/15/2023	ND					
Surrogate: 1-Chlorooctane	80.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.3	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	06/12/2023	Sampling Date:	06/09/2023
Reported:	06/15/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253 (WCB #002H)	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: SW - 5 A (0'-1.5') (H232985-19)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/13/2023	ND	2.12	106	2.00	14.9	
Toluene*	<0.050	0.050	06/13/2023	ND	2.05	103	2.00	16.8	
Ethylbenzene*	<0.050	0.050	06/13/2023	ND	2.10	105	2.00	15.8	
Total Xylenes*	<0.150	0.150	06/13/2023	ND	6.28	105	6.00	15.9	
Total BTEX	<0.300	0.300	06/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 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	336	16.0	06/12/2023	ND	432	108	400	3.64	
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	06/14/2023	ND	188	94.0	200	11.0	
DRO >C10-C28*	24.9	10.0	06/14/2023	ND	190	95.2	200	5.44	
EXT DRO >C28-C36	<10.0	10.0	06/14/2023	ND					
Surrogate: 1-Chlorooctane	61.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	60.4	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	06/12/2023	Sampling Date:	06/09/2023
Reported:	06/15/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253 (WCB #002H)	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: SW - 8 A (0'-1.5') (H232985-20)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/13/2023	ND	2.12	106	2.00	14.9	
Toluene*	<0.050	0.050	06/13/2023	ND	2.05	103	2.00	16.8	
Ethylbenzene*	<0.050	0.050	06/13/2023	ND	2.10	105	2.00	15.8	
Total Xylenes*	<0.150	0.150	06/13/2023	ND	6.28	105	6.00	15.9	
Total BTEX	<0.300	0.300	06/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.6	% 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	272	16.0	06/12/2023	ND	432	108	400	3.64	
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	06/14/2023	ND	188	94.0	200	11.0	
DRO >C10-C28*	<10.0	10.0	06/14/2023	ND	190	95.2	200	5.44	
EXT DRO >C28-C36	<10.0	10.0	06/14/2023	ND					
Surrogate: 1-Chlorooctane	65.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	63.2	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	06/12/2023	Sampling Date:	06/09/2023
Reported:	06/15/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253 (WCB #002H)	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: SW - 12 A (0'-1.5') (H232985-21)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/13/2023	ND	2.12	106	2.00	14.9	
Toluene*	<0.050	0.050	06/13/2023	ND	2.05	103	2.00	16.8	
Ethylbenzene*	<0.050	0.050	06/13/2023	ND	2.10	105	2.00	15.8	
Total Xylenes*	<0.150	0.150	06/13/2023	ND	6.28	105	6.00	15.9	
Total BTEX	<0.300	0.300	06/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 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	144	16.0	06/12/2023	ND	432	108	400	3.64	
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	06/13/2023	ND	158	78.8	200	26.6	
DRO >C10-C28*	<10.0	10.0	06/13/2023	ND	166	83.2	200	24.2	
EXT DRO >C28-C36	<10.0	10.0	06/13/2023	ND					
Surrogate: 1-Chlorooctane	67.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	66.3	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	06/12/2023	Sampling Date:	06/09/2023
Reported:	06/15/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253 (WCB #002H)	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: SW - 13 A (1.5'-2.5') (H232985-22)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/13/2023	ND	2.12	106	2.00	14.9	
Toluene*	<0.050	0.050	06/13/2023	ND	2.05	103	2.00	16.8	
Ethylbenzene*	<0.050	0.050	06/13/2023	ND	2.10	105	2.00	15.8	
Total Xylenes*	<0.150	0.150	06/13/2023	ND	6.28	105	6.00	15.9	
Total BTEX	<0.300	0.300	06/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 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	208	16.0	06/12/2023	ND	432	108	400	3.64	
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	06/13/2023	ND	158	78.8	200	26.6	
DRO >C10-C28*	<10.0	10.0	06/13/2023	ND	166	83.2	200	24.2	
EXT DRO >C28-C36	<10.0	10.0	06/13/2023	ND					
Surrogate: 1-Chlorooctane	73.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.9	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	06/12/2023	Sampling Date:	06/09/2023
Reported:	06/15/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253 (WCB #002H)	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: SW - 15 (0.5'-1.5') (H232985-23)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/13/2023	ND	2.12	106	2.00	14.9	
Toluene*	<0.050	0.050	06/13/2023	ND	2.05	103	2.00	16.8	
Ethylbenzene*	<0.050	0.050	06/13/2023	ND	2.10	105	2.00	15.8	
Total Xylenes*	<0.150	0.150	06/13/2023	ND	6.28	105	6.00	15.9	
Total BTEX	<0.300	0.300	06/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 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	06/12/2023	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	06/13/2023	ND	158	78.8	200	26.6	
DRO >C10-C28*	<10.0	10.0	06/13/2023	ND	166	83.2	200	24.2	
EXT DRO >C28-C36	<10.0	10.0	06/13/2023	ND					
Surrogate: 1-Chlorooctane	72.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	73.9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	06/12/2023	Sampling Date:	06/09/2023
Reported:	06/15/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253 (WCB #002H)	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: SW - 16 (0'-2.5') (H232985-24)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/13/2023	ND	2.22	111	2.00	4.61	
Toluene*	<0.050	0.050	06/13/2023	ND	2.17	109	2.00	5.71	
Ethylbenzene*	<0.050	0.050	06/13/2023	ND	2.15	107	2.00	4.30	
Total Xylenes*	<0.150	0.150	06/13/2023	ND	6.53	109	6.00	4.07	
Total BTEX	<0.300	0.300	06/13/2023	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	16.0	16.0	06/12/2023	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	06/13/2023	ND	158	78.8	200	26.6	
DRO >C10-C28*	<10.0	10.0	06/13/2023	ND	166	83.2	200	24.2	
EXT DRO >C28-C36	<10.0	10.0	06/13/2023	ND					
Surrogate: 1-Chlorooctane	73.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	73.6	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	06/12/2023	Sampling Date:	06/09/2023
Reported:	06/15/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253 (WCB #002H)	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: SW - 17 (1.5'-2.5') (H232985-25)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/13/2023	ND	2.22	111	2.00	4.61	
Toluene*	<0.050	0.050	06/13/2023	ND	2.17	109	2.00	5.71	
Ethylbenzene*	<0.050	0.050	06/13/2023	ND	2.15	107	2.00	4.30	
Total Xylenes*	<0.150	0.150	06/13/2023	ND	6.53	109	6.00	4.07	
Total BTEX	<0.300	0.300	06/13/2023	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	320	16.0	06/12/2023	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	06/13/2023	ND	158	78.8	200	26.6	
DRO >C10-C28*	<10.0	10.0	06/13/2023	ND	166	83.2	200	24.2	
EXT DRO >C28-C36	<10.0	10.0	06/13/2023	ND					
Surrogate: 1-Chlorooctane	69.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	68.1	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	06/12/2023	Sampling Date:	06/09/2023
Reported:	06/15/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253 (WCB #002H)	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: SW - 18 (1.5'-2.5') (H232985-26)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/13/2023	ND	2.22	111	2.00	4.61	
Toluene*	<0.050	0.050	06/13/2023	ND	2.17	109	2.00	5.71	
Ethylbenzene*	<0.050	0.050	06/13/2023	ND	2.15	107	2.00	4.30	
Total Xylenes*	<0.150	0.150	06/13/2023	ND	6.53	109	6.00	4.07	
Total BTEX	<0.300	0.300	06/13/2023	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	48.0	16.0	06/12/2023	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	06/13/2023	ND	158	78.8	200	26.6	
DRO >C10-C28*	<10.0	10.0	06/13/2023	ND	166	83.2	200	24.2	
EXT DRO >C28-C36	<10.0	10.0	06/13/2023	ND					
Surrogate: 1-Chlorooctane	77.5 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.2 9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	06/12/2023	Sampling Date:	06/09/2023
Reported:	06/15/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253 (WCB #002H)	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: SW - 19 (0'-2.5') (H232985-27)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/13/2023	ND	2.22	111	2.00	4.61	
Toluene*	<0.050	0.050	06/13/2023	ND	2.17	109	2.00	5.71	
Ethylbenzene*	<0.050	0.050	06/13/2023	ND	2.15	107	2.00	4.30	
Total Xylenes*	<0.150	0.150	06/13/2023	ND	6.53	109	6.00	4.07	
Total BTEX	<0.300	0.300	06/13/2023	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	320	16.0	06/12/2023	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	06/13/2023	ND	158	78.8	200	26.6	
DRO >C10-C28*	21.2	10.0	06/13/2023	ND	166	83.2	200	24.2	
EXT DRO >C28-C36	<10.0	10.0	06/13/2023	ND					
Surrogate: 1-Chlorooctane	71.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.5	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	06/12/2023	Sampling Date:	06/09/2023
Reported:	06/15/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253 (WCB #002H)	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: SW - 20 (2.5'-4') (H232985-28)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/13/2023	ND	2.22	111	2.00	4.61	
Toluene*	<0.050	0.050	06/13/2023	ND	2.17	109	2.00	5.71	
Ethylbenzene*	<0.050	0.050	06/13/2023	ND	2.15	107	2.00	4.30	
Total Xylenes*	<0.150	0.150	06/13/2023	ND	6.53	109	6.00	4.07	
Total BTEX	<0.300	0.300	06/13/2023	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	992	16.0	06/12/2023	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	06/13/2023	ND	158	78.8	200	26.6	
DRO >C10-C28*	<10.0	10.0	06/13/2023	ND	166	83.2	200	24.2	
EXT DRO >C28-C36	<10.0	10.0	06/13/2023	ND					
Surrogate: 1-Chlorooctane	79.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.4	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	06/12/2023	Sampling Date:	06/09/2023
Reported:	06/15/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253 (WCB #002H)	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: SW - 21 (3'-4') (H232985-29)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/13/2023	ND	2.22	111	2.00	4.61	
Toluene*	<0.050	0.050	06/13/2023	ND	2.17	109	2.00	5.71	
Ethylbenzene*	<0.050	0.050	06/13/2023	ND	2.15	107	2.00	4.30	
Total Xylenes*	<0.150	0.150	06/13/2023	ND	6.53	109	6.00	4.07	
Total BTEX	<0.300	0.300	06/13/2023	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	96.0	16.0	06/12/2023	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	06/13/2023	ND	158	78.8	200	26.6	
DRO >C10-C28*	<10.0	10.0	06/13/2023	ND	166	83.2	200	24.2	
EXT DRO >C28-C36	<10.0	10.0	06/13/2023	ND					
Surrogate: 1-Chlorooctane	74.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	06/12/2023	Sampling Date:	06/09/2023
Reported:	06/15/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253 (WCB #002H)	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: SW - 22 (1.5'-4') (H232985-30)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/13/2023	ND	2.22	111	2.00	4.61	
Toluene*	<0.050	0.050	06/13/2023	ND	2.17	109	2.00	5.71	
Ethylbenzene*	<0.050	0.050	06/13/2023	ND	2.15	107	2.00	4.30	
Total Xylenes*	<0.150	0.150	06/13/2023	ND	6.53	109	6.00	4.07	
Total BTEX	<0.300	0.300	06/13/2023	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	06/12/2023	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	06/13/2023	ND	158	78.8	200	26.6	
DRO >C10-C28*	<10.0	10.0	06/13/2023	ND	166	83.2	200	24.2	
EXT DRO >C28-C36	<10.0	10.0	06/13/2023	ND					
Surrogate: 1-Chlorooctane	72.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	73.7	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

QR-04	The RPD for the BS/BSD was outside of historical limits.
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.
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 SM4500CI-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

CANTRONNERIA															Page	e10f	f 3
Project Manager: Becky Haskell				Bill to: (if different)	fferent)	Ch	Chris Martin	tin					Wo	rk Ord	Work Order Comments		
	ental			Company Name	Vame:	Ea	rthstone	e Opera	Earthstone Operating LLC			Program: UST/PS	ST/PS	PR	PR Brownfiels	R	Sime
-	s Blvd.			Address:		60	ON Ma	rienfeld	600 N. Marienfeld. Suite 1000	8		State of Project:	Ľ	Ċ			Cabo
City, State ZIP: Midland TX, 79701	701			City, State ZIP	ZIP:	Mic	dland T	Midland TX,79701				Reporting:Level		evel	Level PST/U	TRP	E,
Phone: 432-766-1918			Email:	cmartin@earthstoneenergy.com	arthstone	energy.	com					Deliverables: EDD		A	ADaPT	윷	
Project Name: Ocotillo 6 31 State Com WCB #002H	tate Com Wo	CB #002H	Turr	Turn Around	-	_				ANALY	NALYSIS REQUEST	OUEST			Dro	secondative C	ordee
er	237253		✓ Routine	Rush	Pres.	es.	-		-					_		OLA UN	conos
	Eddy Co. New Mexico	8	Dile Date:	[0	de	+		+		+			+	None: NO		UI Water: H ₂ O
	Kenny Han		TAT starts the	TAT starts the day received by the	the	_	80)		_			_				9	MECH: Me
			lab, if rece	lab, if received by 4:30pm	-	2	+ MI		-			_		_	H,S0.: H,		NaOH: Na
SAMPLE RECEIPT Tem	Temp Blank:	Yes No	Wet Ice:	Yes No	eter		DRO	00					_		H.PO. HP		
Received Intact: (Yes)	S No	Thermometer ID:	eter ID:	113		8021	0+1	le 45							_	NABIS	
Cooler Custody Seals: Yes	NO NIA	Correction Factor	Factor:	-0.40		_	(GR	lori	_		_	_	_	но	Na2S2O3: NaSO3	NaSO3	
Seals: Yes	NO NIA	Temperati	Temperature Reading:	-0.1	0.0	в	5M	Ch							Zn Aceta	Zn Acetate+NaOH: Zn	
Total Containers:	30	Corrected	Corrected Temperature:	-0.7	0.	_	1 801				_		_		NaOH+A	NaOH+Ascorbic Acid: SAPC	SAPC
Sample Identification	Date	Time	Soil .	Water Gr	Grab/ # of Comp Cont	nt of	TPI				-	•		_	Sar	Sample Comments	ents
CS-1A (2.5')	6/9/2023	10:30	×	C:	Comp 1	×	×	×			+		_	-			
CS-2A (2.5')	6/9/2023	10:32	х	Co	Comp 1	×	×	×	_		-			+			
CS-3A (2.5')	6/9/2023	10:34	x	Co	Comp 1	×	×	×			-			-			
CS-5A (2.5')	6/9/2023	10:36	х	Co	Comp 1	×	×	×			-			-			
CS-6A (2.5')	6/9/2023	10:38	x	Co	Comp 1	×	×	×			-	_		-			
CS-10A (2.5')	6/9/2023	10:40	×	Co	Comp 1	×	×	×			-			-			
CS-11A (2.5')	6/9/2023	10:42	×	Co	Comp 1	×	×	×			-	_		_			
CS-13A (2.5')	6/9/2023	10:44	×	Co	Comp 1	×	×	×		_	-			_			
CS-14A (2.5')	6/9/2023	10:46	×	Co	Comp 1	×	×	×			-			-			
CS-15A (4')	6/9/2023	10:48	×	Co	Comp 1	×	×	×						-			
Additional Comments:																	
Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It 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 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 enf	applied to each I	ples constitute d shall not ass project and a	es a valid purchas sume any respons charge of \$5 for ea	e order from clie sibility for any los ach sample subn	ant company sses or expe mitted to Xer	nses incu nco, but nc	its affiliat rred by th ot analyze	e client if : d. These t	arms will be	It assign the due to enforced u	is standard circumstar inless prev	t assigns standard terms and conditions due to circumstances beyond the control orced unless previously negotiated.	ntrol				
Relinquished by: (Signature) N	1	Received	Received by: (Signature)	(e)	_	Date	Date/Time		Relinquished by: (Signature)	shed by	(Signat		Received by: (Signature)	(Signa	ature)	Date/Time	ime
1. Kenny Han	100	PROVI	alla	alter	6	12-0	5150	352									
	-		2					4									

Received by OCD: 8/8/2023 12:00:25 AM 69-940 -

Page 141 of 231

ENVIR	ENVIRONMENTAL															Work	Work Order No:	No	Page	2 of	Bage 34
Project Manager: Bec	Becky Haskell				Bill to: (if different)	erent)	Chr	Chris Martin	-							5	ork D	rder C	Work Order Commente	ľ	
	NTG Environmental	ntal			Company Name:	ime:	Ear	Earthstone Operating LLC	Opera	ting LL				Program: IST/PS	n. IIS	'IPS'	DBU	R	ownfiel		
_	701 Tradewinds Blvd	Blvd.			Address:		600	600 N. Marienfeld. Suite 1000	ienfeld	Suite	1000		(0)	State of Project:	Proje						adno
te ZIP:	Midland TX, 79701	01			City, State ZIP:	P	Mid	Midland TX.79701	79701				77	Reporting:Level	ig:Leve		Level I		PST/U	TRP	Ę
Phone: 432-	432-766-1918			Email:		thstonee	nergy.c	om						Deliverables: EDD	bles:			ADaPT		Other:	
Project Name: Oco	Ocotillo 6 31 State Com WCB #002H	te Com WC	B #002H	Turr	Turn Around	-	-				ANA	SISAI	IALYSIS REQUEST	TOT						- stine Cad	
Project Number:	2	237253		✓ Routine	Rush	Pres.	m 7*		_	-	-			_	-				None: NO	NO DI Water L	
Project Location	Eddy Co.	Eddy Co, New Mexico	0	Due Date:					-	+	+			+	+	1			Pool Pool	Mooul Mo	1120
Sampler's Name:	Ker	Kenny Han		TAT starts the	TAT starts the day received by the	Ĩe		RO)	_	_	-								HCL: HC	HNO HN	in the
PO井				lab, if rece	ived by 4:30pm	_		+ N			_		_	-	-	-			H2S04 H2	NaOH: Na	Va
SAMPLE RECEIPT	Temp	Temp Blank:	Yes No	Wet Ice:	Yes No	nete	1B	DRC	500					_					H_PO4: HP		
Cooler Custody Seals	Yes No	No	Thermometer ID:	ater ID:	115	Para	X 80;	RO +	ride 4		_		_			-		OLD	NaHSO4: NABIS	ABIS	
Sample Custody Seals:			Temperature Real	Temperature Reading:	-0.12	1	BTE	6M (0	Chlo									-	Na25203: NaSO3	NoOH- 75	
Total Containers:		30	Corrected	Corrected Temperature:	-0,7:		-	801	_	_			_	_	-			-	NaOH+Asco	NaOH+Ascorbic Acid: SAPC	C
Sample Identification	tion	Date	Time	Soil	Water Comp	b/ # of Cont	* *	TP	•						-				Sampl	Sample Comments	S
CS-20A (1.5'))	6/9/2023	10:50	x	Comp	-	×	×	×	+	+		_	+	+	1					
CS-21A (1.5'))	6/9/2023	10:52	х	Comp	1p 1	×	×	×	+	1		_	+	-						
CS-22A (1.5')		6/9/2023	10:54	×	Comp	1p 1	×	×	×	-			_	-							
CS-36 (1.5'-2')	-	6/9/2023	10:56	×	Comp	1p 1	×	×	×	-			_	-				_			
CS-37 (1.5'-2')		6/9/2023	10:58	×	Comp	1p 1	×	×	×				_	-							
SW-1A (0'-2.5')	3	6/9/2023	11:00	×	Comp	1p 1	×	×	×	-			_								
SW-2A (0'-2')		6/9/2023	11:02	×	Comp	1p 1	×	×	×				_	_	-						
SWI 54 (0-2)	-	6/9/2023	11:04	×	Comp		×	×	×	+	t		-	-	-						
OW ON (0-1.3)		0/9/2023	11:06	×	Comp	T	×	×	×	-	t			\vdash	-						
SVV-8A (U-1.5))	6/9/2023	11:08	×	Comp	1p 1	×	×	×	-	F		L	-	-						
Additional Comments:	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.	ent and relinquis only for the cost f \$85.00 will be ap	hment of sampl of samples and plied to each p	es constitute shall not ass roject and a c	is a valid purchas ume any respons harge of \$5 for ea	e order from client ibility for any loss ach sample submit	n client company to Xenco, its affiliate in vision of the second by the submitted to Xenco, but not analyzed.	o Xenco, i ses incum o, but not	ts affiliate ed by the analyzed	s and sut client if s . These te	uch losse rms will l	s and subcontractors. It assigns standard terms and condition terms and condition terms and condition terms are due to circumstances beyond the conditional terms will be enforced unless previously negotiated.	to circun d unless	ndard ten nstances previous	ns and c beyond t y negotia	nditions ne contro ited.	-					
Relinquished by: (Signature)	(nature)	1	Received	Received by: (Signature)	1 1	_	Date/Time	lime	_	Relinq	Relinquished by: (Signature)	by: (Sig	Inature	_	Reo	eived t	Received by: (Signature)	nature	(j)	Date/Time	
1. Kenny Han	~	200	auto	Nala	MAG	6-1	2-23	3	8					-							
				-	0				4					-					_		
						1			+					ł						+	

Received by OCD: 8/8/2023 12:00:25 AM

Page 142 of 231

UN I	ω	1. Kenny Han		Q Q Z	Additio	SW-22 (1.5'-4')	9 SW-21 (3'-4')	SW-20 (2.5'-4')	SW-19 (0'-2.5')	SW-18 (1.5'-2.5')	SW-17 (1.5'-2.5')	SW-16 (0'-2.5')	SW-15 (0.5'-1.5')	SW-13A (1.5'-2.5')	SW-12A (0'-1.5')	, 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	2	: (Signature)	document and reling liable only for the co arge of \$85.00 will be	Additional Comments:	.5'-4")	3'-4')	2.5'-4'))'-2.5')	5'-2.5')	5'-2.5'))'-2.5')	5'-1.5')	.5'-2.5')	0'-1.5')	tification		Yes	Yes	(Tes)			K	Eddy Co		Ocotillo 6 31 Si	432-766-1918	Midland TX, 79701	701 Tradewinds Blvd	NTG Environmental	Becky Haskell	NVIRONMENTA
	1 Series	MI	1	uishment of samp st of samples and applied to each p		6/9/2023	6/9/2023	6/9/2023	6/9/2023	6/9/2023	6/9/2023	6/9/2023	6/9/2023	6/9/2023	6/9/2023	Date	30	NO NIA	-	s) No	Temp Blank:		Kenny Han	Eddy Co, New Mexico	237253	State Com WCB #002H		701	s Blvd.	ental		
		URDI.	Received by:	ples constitute d shall not ass project and a		11:28	11:26	11:24	11:22	11:20	11:18	11:16	11:14	11:12	11:10	Time	Corrected	Temperatu	Correction Factor:	Thermometer ID:	Yes NO					B #002H						
		1/1/m	I by: (Stgnature)	es a valid purcha sume any respon charge of \$5 for e		×	×	×	×	×	x	×	×	×	x	Soil	Corrected Temperature:	Temperature Reading:	Factor	ter ID:	Wet Ice:	lab, if rece	TAT starts the day received by the	Due Date:	-/ Routine	Turn	Email:					
-		1 for	/ (alt	se order from cl sibility for any lo ach sample sut		C	0	0	0	0	0	0	0	C	0	Water c	-0.70	-0.10	0	13	Yes No	lab, if received by 4:30pm	day received b		Rush	Turn Around	cmartin@earthstoneenergy.com	City, State ZIP	Address:	Company Name:	Bill to: (if different)	
+		0		ient compa osses or ex bmitted to X		Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Grab/ # Comp C	01	0			P	1	y the		0.7		arthstone	ZIP:		Vame:	fferent)	9
		-15-	Da	ny to Xen penses in (enco, bu		-	-	-	-	1	-	-	-	1	-	# of Cont					mete	ers		_	Code	brout the	eenergy	N	6	m	0	
		2	Date/Time	co, its aff curred by t not anal		×	×	××	×	××	××	××	××	× ×	×	ТР	H 80	_	BTE		21B	D+1	MRO	•)	-		/.com	lidland	00 N. N	arthsto	Chris Martin	9
		335	œ	filiates and s y the client i yzed. These		×	×	×	×	×	×	×	x v	×	×			-	-	-	4500			/				Midland TX,79701	600 N. Marienfeld,	ne Opera	artin	citant of custory
ס	4	2	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 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.																						ANALYSIS REQUEST		-	d, Suite 1000	Earthstone Operating LLC		Juy
			nature)	dard terms and Istances beyond previously nego		-																		_		REQUEST	Delivera	Reporti	State o	Progra		
			Receive	conditions I the control tiated.												•		_				_					Deliverables: EDD	Reporting:Level	State of Project:	m: UST/PS[Wor
			Received by: (Signature)																	0		_	_					Level L	1	PR	Work Ord	Work Order No:
			ature)													San	NaOH+A	Zn Aceta		NaHSO4: NABIS		H2S04: H2	HCL: HC	Cool: Cool	None: NO	Pre	ADaP IL	U:		Program: UST/PS PR Brownfie s	Work Order Comments	Page
			Date/Time													Sample Comments	NaOH+Ascorbic Acid: SAPC	Zn Acetate+NaOH: Zn	NaSO3	NABIS	P	2 NaOH: Na	HNO3: HN	ol MeOH: Me	DI Water: H ₂ O	Preservative Codes	Other:	TRLP		B R[] Supe	ts	3305CC



June 26, 2023

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

RE: OCOTILLO 6-31 STATE COM WCB #002H

Enclosed are the results of analyses for samples received by the laboratory on 05/25/23 16:45.

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

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

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

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

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

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

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager


NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: Project Number: Project Manager: Fax To:		Reported: 26-Jun-23 15:55
------------------------------------------------------------------------	------------------------------------------------------------	--	------------------------------

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CS - 1 (1.5)	H232684-01	Soil	25-May-23 00:00	25-May-23 16:45
CS - 2 (1.5)	H232684-02	Soil	25-May-23 00:00	25-May-23 16:45
CS - 3 (1.5)	H232684-03	Soil	25-May-23 00:00	25-May-23 16:45
CS - 4 (1.5)	H232684-04	Soil	25-May-23 00:00	25-May-23 16:45
CS - 5 (1.5)	H232684-05	Soil	25-May-23 00:00	25-May-23 16:45
CS - 6 (1.5)	H232684-06	Soil	25-May-23 00:00	25-May-23 16:45
CS - 7 (1.5)	H232684-07	Soil	25-May-23 00:00	25-May-23 16:45
CS - 8 (1.5)	H232684-08	Soil	25-May-23 00:00	25-May-23 16:45
CS - 9 (1.5)	H232684-09	Soil	25-May-23 00:00	25-May-23 16:45
CS - 10 (1.5)	H232684-10	Soil	25-May-23 00:00	25-May-23 16:45
CS - 11 (1.5')	H232684-11	Soil	25-May-23 00:00	25-May-23 16:45
CS - 12 (1.5')	H232684-12	Soil	25-May-23 00:00	25-May-23 16:45
CS - 13 (1.5')	H232684-13	Soil	25-May-23 00:00	25-May-23 16:45
CS - 14 (1.5')	H232684-14	Soil	25-May-23 00:00	25-May-23 16:45
CS - 15 (1.5')	H232684-15	Soil	25-May-23 00:00	25-May-23 16:45
CS - 16 (1.5')	H232684-16	Soil	25-May-23 00:00	25-May-23 16:45
CS - 17 (1.5-2')	H232684-17	Soil	25-May-23 00:00	25-May-23 16:45
CS - 18 (1.5-2')	H232684-18	Soil	25-May-23 00:00	25-May-23 16:45
CS - 19 (1.5-2')	H232684-19	Soil	25-May-23 00:00	25-May-23 16:45
CS - 20 (6")	H232684-20	Soil	25-May-23 00:00	25-May-23 16:45
CS - 21 (6")	H232684-21	Soil	25-May-23 00:00	25-May-23 16:45
CS - 22 (6")	H232684-22	Soil	25-May-23 00:00	25-May-23 16:45
CS - 23 (6")	H232684-23	Soil	25-May-23 00:00	25-May-23 16:45
CS - 24 (3')	H232684-24	Soil	25-May-23 00:00	25-May-23 16:45
CS - 25 (3')	H232684-25	Soil	25-May-23 00:00	25-May-23 16:45
CS - 26 (3')	H232684-26	Soil	25-May-23 00:00	25-May-23 16:45
CS - 27 (3')	H232684-27	Soil	25-May-23 00:00	25-May-23 16:45

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706		Project: Project Number: Project Manager: Fax To:		Reported: 26-Jun-23 15:55
CS - 28 (3')	H232684-28	Soil	25-May-23 00:00	25-May-23 16:45
CS - 29 (3')	H232684-29	Soil	25-May-23 00:00	25-May-23 16:45
CS - 30 (3')	H232684-30	Soil	25-May-23 00:00	25-May-23 16:45
CS - 31 (3')	H232684-31	Soil	25-May-23 00:00	25-May-23 16:45
CS - 32 (3')	H232684-32	Soil	25-May-23 00:00	25-May-23 16:45
CS - 33 (1.5-2')	H232684-33	Soil	25-May-23 00:00	25-May-23 16:45
CS - 34 (1.5-2')	H232684-34	Soil	25-May-23 00:00	25-May-23 16:45
CS - 35 (1.5-2')	H232684-35	Soil	25-May-23 00:00	25-May-23 16:45
SW - 1 (0-1.5')	H232684-36	Soil	25-May-23 00:00	25-May-23 16:45
SW - 2 (0-2')	H232684-37	Soil	25-May-23 00:00	25-May-23 16:45
SW - 3 (0-2')	H232684-38	Soil	25-May-23 00:00	25-May-23 16:45
SW - 4 (0-3')	H232684-39	Soil	25-May-23 00:00	25-May-23 16:45
SW - 5 (0-1.5')	H232684-40	Soil	25-May-23 00:00	25-May-23 16:45
SW - 6 (1.5-3')	H232684-41	Soil	25-May-23 00:00	25-May-23 16:45
SW - 7 (1.5-2')	H232684-42	Soil	25-May-23 00:00	25-May-23 16:45
SW - 8 (0-6")	H232684-43	Soil	25-May-23 00:00	25-May-23 16:45
SW - 9 (1.5-3')	H232684-44	Soil	25-May-23 00:00	25-May-23 16:45
SW - 10 (0-3')	H232684-45	Soil	25-May-23 00:00	25-May-23 16:45
SW - 11 (0-2')	H232684-46	Soil	25-May-23 00:00	25-May-23 16:45
SW - 12 (0-6")	H232684-47	Soil	25-May-23 00:00	25-May-23 16:45
SW - 13 (6"-1.5')	H232684-48	Soil	25-May-23 00:00	25-May-23 16:45
	H232684-49	Soil	25-May-23 00:00	25-May-23 16:45

06/26/23 - Client changed the sample ID of -44 (see COC). This is the revised report and will replace the one sent on 05/31/23.

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUI MIDLAND TX, 79706	DEWINDS BLVD. SUITE C				otillo 6-3 253 Xy Haskei	Reported: 26-Jun-23 15:55				
				- 1 (1.5 584-01 (Se	,					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds Chloride	1120		16.0	mg/kg	4	3052625	AC	26-May-23	4500-Cl-B	
		0021	10.0	88						
Volatile Organic Compounds by Benzene*	<0.050	8021	0.050	mg/kg	50	3052614	ЛН	27-May-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50 50	3052614	Л	27-May-23	8021B 8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3052614	Л	27-May-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3052614	Л	27-May-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3052614	ЛН	27-May-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			102 %	71.5	-134	3052614	ЈН	27-May-23	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3052608	MS	26-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3052608	MS	26-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3052608	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctane			89.1 %	48.2	-134	3052608	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctadecane			90.8 %	49.1	-148	3052608	MS	26-May-23	8015B	

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706	EWINDS BLVD. SUITE C			Project: OCOTILLO 6-31 STATE COM WCB Project Number: 237253 Project Manager: BECKY HASKELL Fax To:					Reported: 26-Jun-23 15:55		
				- 2 (1.5 584-02 (Se							
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes	
			Cardina	l Laborat	tories						
Inorganic Compounds Chloride	912		16.0	mg/kg	4	3052630	AC	26-May-23	4500-Cl-B		
Volatile Organic Compounds	s by EPA Method 8	8021									
Benzene*	< 0.050		0.050	mg/kg	50	3052614	ЛН	27-May-23	8021B		
Toluene*	< 0.050		0.050	mg/kg	50	3052614	JH	27-May-23	8021B		
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3052614	ЛН	27-May-23	8021B		
Total Xylenes*	< 0.150		0.150	mg/kg	50	3052614	ЛН	27-May-23	8021B		
Total BTEX	< 0.300		0.300	mg/kg	50	3052614	ЛН	27-May-23	8021B		
Surrogate: 4-Bromofluorobenzene (Pl	ID)		101 %	71.5	-134	3052614	ЛН	27-May-23	8021B		
Petroleum Hydrocarbons by	GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3052608	MS	26-May-23	8015B		
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3052608	MS	26-May-23	8015B		
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3052608	MS	26-May-23	8015B		
Surrogate: 1-Chlorooctane			109 %	48.2	-134	3052608	MS	26-May-23	8015B		
Surrogate: 1-Chlorooctadecane			112 %	49.1	-148	3052608	MS	26-May-23	8015B		

Cardinal Laboratories

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706	SUITE C		Project Num Project Mana	ber: 237		Reported: 26-Jun-23 15:55				
				- 3 (1.5) 684-03 (So						
)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	1010		16.0	mg/kg	4	3052630	AC	26-May-23	4500-Cl-B	
Volatile Organic Compound	s by EPA Method 8	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3052614	JH	27-May-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3052614	JH	27-May-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3052614	ЛН	27-May-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3052614	ЛН	27-May-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3052614	ЛН	27-May-23	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		101 %	71.5	-134	3052614	JH	27-May-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3052608	MS	26-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3052608	MS	26-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3052608	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctane			96.1 %	48.2	-134	3052608	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctadecane			98.6 %	49.1	-148	3052608	MS	26-May-23	8015B	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

Page 150 of 231

Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706	SUITE C		Project Num Project Mana	ber: 237			om wcb	2	Reported: :6-Jun-23 15::	55
				- 4 (1.5 684-04 (Se	, ,					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
<u>Inorganic Compounds</u> Chloride	480		16.0	mg/kg	4	3052630	AC	26-May-23	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3052614	JH	27-May-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3052614	JH	27-May-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3052614	ЛН	27-May-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3052614	ЛН	27-May-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3052614	ЛН	27-May-23	8021B	
Surrogate: 4-Bromofluorobenzene (PL	ID)		102 %	71.5	-134	3052614	JH	27-May-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3052608	MS	26-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3052608	MS	26-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3052608	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctane			111 %	48.2	-134	3052608	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctadecane			116 %	49.1	-148	3052608	MS	26-May-23	8015B	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706	SUITE C		Project Num Project Mana	ber: 237		Reported: 26-Jun-23 15:55				
				- 5 (1.5) 684-05 (Se						
			11202	00 00 (00	,ii)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	5440		16.0	mg/kg	4	3052630	AC	26-May-23	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3052614	JH	27-May-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3052614	ЛН	27-May-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3052614	ЛН	27-May-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3052614	JH	27-May-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3052614	ЛН	27-May-23	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	ID)		100 %	71.5	-134	3052614	ЛН	27-May-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3052608	MS	26-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3052608	MS	26-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3052608	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctane			79.6 %	48.2	-134	3052608	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctadecane			81.4 %	49.1	-148	3052608	MS	26-May-23	8015B	

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Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706	EWINDS BLVD. SUITE C			, ber: 237	otillo 6-3 253 Ky haskei	Reported: 26-Jun-23 15:55				
				- 6 (1.5) 584-06 (Se						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
<u>Inorganic Compounds</u> Chloride	1920		16.0	mg/kg	4	3052630	AC	26-May-23	4500-Cl-B	
Volatile Organic Compound	s by EPA Method 8	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3052614	JH	27-May-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3052614	ЛН	27-May-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3052614	JH	27-May-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3052614	ЛН	27-May-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3052614	ЛН	27-May-23	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		101 %	71.5	-134	3052614	ЛН	27-May-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3052608	MS	26-May-23	8015B	
DRO >C10-C28*	129		10.0	mg/kg	1	3052608	MS	26-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3052608	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctane			80.9 %	48.2	-134	3052608	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctadecane			84.6 %	49.1	-148	3052608	MS	26-May-23	8015B	

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Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706	SUITE C		Project Num Project Mana	ber: 237		Reported: 26-Jun-23 15:55				
				- 7 (1.5) 684-07 (So						
)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	64.0		16.0	mg/kg	4	3052630	AC	26-May-23	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3052614	JH	27-May-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3052614	ЛН	27-May-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3052614	JH	27-May-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3052614	ЛН	27-May-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3052614	ЛН	27-May-23	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		100 %	71.5	-134	3052614	JH	27-May-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3052609	MS	26-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3052609	MS	26-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3052609	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctane			107 %	48.2	-134	3052609	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctadecane			99.9 %	49.1	-148	3052609	MS	26-May-23	8015B	

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Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706	EWINDS BLVD. SUITE C			ber: 237)TILLO 6-3 253 KY HASKEI	Reported: 26-Jun-23 15:55				
				- 8 (1.5) 684-08 (So						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	64.0		16.0	mg/kg	4	3052630	AC	26-May-23	4500-Cl-B	
Volatile Organic Compound	s by EPA Method 8	021								
Benzene*	< 0.050		0.050	mg/kg	50	3052614	JH	27-May-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3052614	JH	27-May-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3052614	JH	27-May-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3052614	ЛН	27-May-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3052614	ЛН	27-May-23	8021B	
Surrogate: 4-Bromofluorobenzene (PL	ID)		98.6 %	71.5	-134	3052614	JH	27-May-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3052609	MS	26-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3052609	MS	26-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3052609	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctane			113 %	48.2	-134	3052609	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctadecane			104 %	49.1	-148	3052609	MS	26-May-23	8015B	

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Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706	SUITE C		Project Num Project Mana	ber: 237		Reported: 26-Jun-23 15:55				
				- 9 (1.5) 584-09 (Se						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
<u>Inorganic Compounds</u> Chloride	80.0		16.0	mg/kg	4	3052630	AC	26-May-23	4500-Cl-B	
Volatile Organic Compound	s by EPA Method 8	021								
Benzene*	< 0.050		0.050	mg/kg	50	3052614	JH	27-May-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3052614	ЛН	27-May-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3052614	JH	27-May-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3052614	ЛН	27-May-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3052614	ЛН	27-May-23	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		98.7 %	71.5	-134	3052614	JH	27-May-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3052609	MS	26-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3052609	MS	26-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3052609	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctane			103 %	48.2	-134	3052609	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctadecane			95.6 %	49.1	-148	3052609	MS	26-May-23	8015B	

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Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706	SUITE C		Project Num Project Mana	ber: 237		om wcb	Reported: 26-Jun-23 15:55			
				- 10 (1.5 684-10 (So	·					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
<u>Inorganic Compounds</u> Chloride	2120		16.0	mg/kg	4	3052630	AC	26-May-23	4500-Cl-B	
Volatile Organic Compound	s by EPA Method 8	021								
Benzene*	< 0.050		0.050	mg/kg	50	3052614	JH	27-May-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3052614	ЛН	27-May-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3052614	JH	27-May-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3052614	JH	27-May-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3052614	ЛН	27-May-23	8021B	
Surrogate: 4-Bromofluorobenzene (P	PID)		95.9 %	71.5	-134	3052614	JH	27-May-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3052609	MS	26-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3052609	MS	26-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3052609	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctane			96.4 %	48.2	-134	3052609	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctadecane			89.2 %	49.1	-148	3052609	MS	26-May-23	8015B	

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Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706	SUITE C		Project Num Project Mana	ber: 237		om wcb	Reported: 26-Jun-23 15:55			
				11 (1.5 584-11 (So	<i>,</i>					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	5920		16.0	mg/kg	4	3052630	AC	26-May-23	4500-Cl-B	
Volatile Organic Compound	s by EPA Method 8	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3052614	JH	27-May-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3052614	JH	27-May-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3052614	JH	27-May-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3052614	JH	27-May-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3052614	ЛН	27-May-23	8021B	
Surrogate: 4-Bromofluorobenzene (PL	ID)		102 %	71.5	-134	3052614	ЛН	27-May-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3052609	MS	26-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3052609	MS	26-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3052609	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctane			115 %	48.2	-134	3052609	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctadecane			105 %	49.1	-148	3052609	MS	26-May-23	8015B	

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Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706	SUITE C		Project Num Project Mana	ber: 237		OM WCB	Reported: 26-Jun-23 15:55			
				- 12 (1.5 684-12 (Se	<i>,</i>					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	3052630	AC	26-May-23	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method 8	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3052614	JH	27-May-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3052614	JH	27-May-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3052614	JH	27-May-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3052614	JH	27-May-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3052614	JH	27-May-23	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	D)		100 %	71.5	-134	3052614	JH	27-May-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3052609	MS	26-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3052609	MS	26-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3052609	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctane			106 %	48.2	-134	3052609	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctadecane			98.8 %	49.1	-148	3052609	MS	26-May-23	8015B	

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Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706		Project Num Project Mana	ber: 237		OM WCB	Reported: 26-Jun-23 15:55				
				13 (1.5 584-13 (So	<i>,</i>					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	832		16.0	mg/kg	4	3052630	AC	26-May-23	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method 8	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3052614	JH	27-May-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3052614	JH	27-May-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3052614	JH	27-May-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3052614	ЛН	27-May-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3052614	ЛН	27-May-23	8021B	
Surrogate: 4-Bromofluorobenzene (PI	D)		97.6 %	71.5	-134	3052614	ЛН	27-May-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3052609	MS	26-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3052609	MS	26-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3052609	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctane			108 %	48.2	-134	3052609	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctadecane			99.3 %	49.1	-148	3052609	MS	26-May-23	8015B	

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Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706	SUITE C		Project Num Project Mana	ber: 237		Reported: 26-Jun-23 15:55				
				· 14 (1.5 684-14 (Se	<i>′</i>					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds Chloride	2960		16.0	mg/kg	4	3052630	AC	26-May-23	4500-Cl-B	
Volatile Organic Compound	s by EPA Method 8	021								
Benzene*	< 0.050		0.050	mg/kg	50	3052614	JH	27-May-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3052614	JH	27-May-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3052614	JH	27-May-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3052614	ЛН	27-May-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3052614	ЛН	27-May-23	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		100 %	71.5	-134	3052614	JH	27-May-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3052609	MS	26-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3052609	MS	26-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3052609	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctane			100 %	48.2	-134	3052609	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctadecane			91.8 %	49.1	-148	3052609	MS	26-May-23	8015B	

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Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706	SUITE C		Project Num Project Mana	ber: 237		OM WCB	Reported: 26-Jun-23 15:55			
				- 15 (1.5 684-15 (Se	<i>,</i>					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ll Laborat	ories					
Inorganic Compounds										
Chloride	3200		16.0	mg/kg	4	3052630	AC	26-May-23	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method 8	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3052614	JH	27-May-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3052614	JH	27-May-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3052614	JH	27-May-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3052614	JH	27-May-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3052614	JH	27-May-23	8021B	
Surrogate: 4-Bromofluorobenzene (PI	D)		101 %	71.5	-134	3052614	JH	27-May-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3052609	MS	26-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3052609	MS	26-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3052609	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctane			73.0 %	48.2	-134	3052609	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctadecane			67.0 %	49.1	-148	3052609	MS	26-May-23	8015B	

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706	SUITE C		Project Num Project Mana	ber: 237		Reported: 26-Jun-23 15:55				
				· 16 (1.5 684-16 (Se	<i>′</i>					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ll Laborat	ories					
<u>Inorganic Compounds</u> Chloride	16.0		16.0	mg/kg	4	3052630	AC	26-May-23	4500-Cl-B	
Volatile Organic Compound	s by EPA Method 8	021								
Benzene*	< 0.050		0.050	mg/kg	50	3052614	ЛН	27-May-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3052614	ЛН	27-May-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3052614	ЛН	27-May-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3052614	JH	27-May-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3052614	ЛН	27-May-23	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		100 %	71.5	-134	3052614	JH	27-May-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3052609	MS	26-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3052609	MS	26-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3052609	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctane			111 %	48.2	-134	3052609	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctadecane			104 %	49.1	-148	3052609	MS	26-May-23	8015B	

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Celey D. Keene, Lab Director/Quality Manager

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706	SUITE C		Project Num Project Mana	, ber: 237		om wcb	Reported: 26-Jun-23 15:55			
				17 (1.5- 584-17 (Se	,					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	3052630	AC	26-May-23	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method 8	021								
Benzene*	< 0.050		0.050	mg/kg	50	3052615	JH	27-May-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3052615	ЛН	27-May-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3052615	ЛН	27-May-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3052615	JH	27-May-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3052615	ЛН	27-May-23	8021B	
Surrogate: 4-Bromofluorobenzene (PI	D)		102 %	71.5	-134	3052615	ЛН	27-May-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3052609	MS	26-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3052609	MS	26-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3052609	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctane			110 %	48.2	-134	3052609	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctadecane			105 %	49.1	-148	3052609	MS	26-May-23	8015B	

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Celey D. Keene, Lab Director/Quality Manager

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706	SUITE C		Project Num Project Mana	ber: 237		OM WCB	Reported: 26-Jun-23 15:55			
				18 (1.5-) 584-18 (So	<i>,</i>					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	3052630	AC	26-May-23	4500-Cl-B	
Volatile Organic Compound	ls by EPA Method 8	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3052615	ЛН	27-May-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3052615	JH	27-May-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3052615	JH	27-May-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3052615	JH	27-May-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3052615	JH	27-May-23	8021B	
Surrogate: 4-Bromofluorobenzene (P	PID)		<i>99.9 %</i>	71.5	-134	3052615	JH	27-May-23	8021B	
Petroleum Hydrocarbons by	y GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3052609	MS	26-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3052609	MS	26-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3052609	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctane			113 %	48.2	-134	3052609	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctadecane			106 %	49.1	-148	3052609	MS	26-May-23	8015B	

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NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706	SUITE C		Project Num Project Mana	ber: 237		Reported: 26-Jun-23 15:55				
				19 (1.5- 684-19 (Se	,					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
<u>Inorganic Compounds</u> Chloride	208		16.0	mg/kg	4	3052630	AC	26-May-23	4500-Cl-B	
Volatile Organic Compound	s by EPA Method 8	021								
Benzene*	< 0.050		0.050	mg/kg	50	3052615	JH	27-May-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3052615	JH	27-May-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3052615	JH	27-May-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3052615	ЛН	27-May-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3052615	ЛН	27-May-23	8021B	
Surrogate: 4-Bromofluorobenzene (Ph	ID)		101 %	71.5	-134	3052615	JH	27-May-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3052609	MS	26-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3052609	MS	26-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3052609	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctane			105 %	48.2	-134	3052609	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctadecane			96.9 %	49.1	-148	3052609	MS	26-May-23	8015B	

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NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706	SUITE C		Project Num Project Mana	ber: 237		om wcb	Reported: 26-Jun-23 15:55			
				- 20 (6'' 684-20 (So	, ,					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
<u>Inorganic Compounds</u> Chloride	2440		16.0	mg/kg	4	3052630	AC	26-May-23	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method 8	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3052615	ЛН	27-May-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3052615	ЛН	27-May-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3052615	JH	27-May-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3052615	JH	27-May-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3052615	ЛН	27-May-23	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	ID)		101 %	71.5	-134	3052615	JH	27-May-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3052609	MS	26-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3052609	MS	26-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3052609	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctane			103 %	48.2	-134	3052609	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctadecane			94.3 %	49.1	-148	3052609	MS	26-May-23	8015B	

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NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706	SUITE C		Project Num Project Mana	ber: 237		om wcb	Reported: 26-Jun-23 15:55			
				- 21 (6'' 684-21 (Se	·					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds	064		16.0		4	3052630	AC	26 Mar 22	4500-Cl-B	
Chloride	864		16.0	mg/kg	4	3052630	AC	26-May-23	4500-CI-B	
Volatile Organic Compound	s by EPA Method 8	021								
Benzene*	< 0.050		0.050	mg/kg	50	3052615	JH	27-May-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3052615	ЛН	27-May-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3052615	JH	27-May-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3052615	ЛН	27-May-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3052615	ЛН	27-May-23	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	ID)		101 %	71.5	-134	3052615	JH	27-May-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3052609	MS	26-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3052609	MS	26-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3052609	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctane			106 %	48.2	-134	3052609	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctadecane			97.7 %	49.1	-148	3052609	MS	26-May-23	8015B	

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NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706	SUITE C		Project Num Project Mana	ber: 237		om wcb	Reported: 26-Jun-23 15:55			
				- 22 (6'' 584-22 (Se	·					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	688		16.0	mg/kg	4	3052633	AC	26-May-23	4500-Cl-B	QM-07
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3052615	JH	27-May-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3052615	JH	27-May-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3052615	JH	27-May-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3052615	JH	27-May-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3052615	ЛН	27-May-23	8021B	
Surrogate: 4-Bromofluorobenzene (P	PID)		100 %	71.5	-134	3052615	JH	27-May-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3052609	MS	26-May-23	8015B	
DRO >C10-C28*	13.0		10.0	mg/kg	1	3052609	MS	26-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3052609	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctane			120 %	48.2	-134	3052609	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctadecane			113 %	49.1	-148	3052609	MS	26-May-23	8015B	

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NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706	SUITE C		Project Num Project Mana	ber: 237		Reported: 26-Jun-23 15:55				
				- 23 (6'' 684-23 (Se	, ,					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
<u>Inorganic Compounds</u> Chloride	96.0		16.0	mg/kg	4	3052633	AC	26-May-23	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3052615	JH	27-May-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3052615	JH	27-May-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3052615	ЛН	27-May-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3052615	ЛН	27-May-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3052615	ЛН	27-May-23	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	D)		99.4 %	71.5	-134	3052615	JH	27-May-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3052609	MS	26-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3052609	MS	26-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3052609	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctane			93.9 %	48.2	-134	3052609	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctadecane			86.3 %	49.1	-148	3052609	MS	26-May-23	8015B	

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NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706	SUITE C		Project Num Project Mana	ber: 237		om wcb	Reported: 26-Jun-23 15:55			
				- 24 (3') 684-24 (Se						
			Reporting		,					
Analyte	Result	MDL	Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	80.0		16.0	mg/kg	4	3052633	AC	26-May-23	4500-Cl-B	
Volatile Organic Compound	s by EPA Method 8	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3052615	JH	27-May-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3052615	ЛН	27-May-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3052615	ЛН	27-May-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3052615	JH	27-May-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3052615	JH	27-May-23	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		101 %	71.5	-134	3052615	ЛН	27-May-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3052609	MS	26-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3052609	MS	26-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3052609	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctane			105 %	48.2	-134	3052609	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctadecane			97.7 %	49.1	-148	3052609	MS	26-May-23	8015B	

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Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706	SUITE C		Project Num Project Mana	ber: 237		om wcb	Reported: 26-Jun-23 15:55			
				- 25 (3' 584-25 (Se	, ,					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds	110		16.0		4	3052633	AC	26-May-23	4500-Cl-B	
Chloride	112		16.0	mg/kg	4	3032033	AC	20-1v1ay-25	4300-СІ-В	
Volatile Organic Compound	s by EPA Method 8	021								
Benzene*	< 0.050		0.050	mg/kg	50	3052615	ЛН	27-May-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3052615	ЛН	27-May-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3052615	ЛН	27-May-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3052615	ЛН	27-May-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3052615	ЛН	27-May-23	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	ID)		<i>99.7 %</i>	71.5	-134	3052615	ЛН	27-May-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3052609	MS	26-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3052609	MS	26-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3052609	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctane			88.5 %	48.2	-134	3052609	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctadecane			81.8 %	49.1	-148	3052609	MS	26-May-23	8015B	

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Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706	SUITE C		Project Num Project Mana	ber: 237		om wcb	Reported: 26-Jun-23 15:55			
				- 26 (3') 584-26 (Se						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	3052633	AC	26-May-23	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method 8	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3052615	ЛН	27-May-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3052615	ЛН	27-May-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3052615	JH	27-May-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3052615	ЛН	27-May-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3052615	ЛН	27-May-23	8021B	
Surrogate: 4-Bromofluorobenzene (PI	D)		99.9 %	71.5	-134	3052615	JH	27-May-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3052609	MS	26-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3052609	MS	26-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3052609	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctane			104 %	48.2	-134	3052609	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctadecane			96.5 %	49.1	-148	3052609	MS	26-May-23	8015B	

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Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706	SUITE C		Project Num Project Mana	ber: 237		OM WCB	Reported: 26-Jun-23 15:55			
				- 27 (3') 584-27 (Se	·					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
<u>Inorganic Compounds</u> Chloride	64.0		16.0	mg/kg	4	3052633	AC	26-May-23	4500-Cl-B	
Volatile Organic Compound	s by EPA Method 8	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3052615	JH	27-May-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3052615	JH	27-May-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3052615	JH	27-May-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3052615	JH	27-May-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3052615	ЛН	27-May-23	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		101 %	71.5	-134	3052615	ЛН	27-May-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3052610	MS	26-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3052610	MS	26-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3052610	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctane			89.8 %	48.2	-134	3052610	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctadecane			90.9 %	49.1	-148	3052610	MS	26-May-23	8015B	

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Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706	SUITE C		Project Num Project Mana	ber: 237		om wcb	Reported: 26-Jun-23 15:55			
				- 28 (3') 684-28 (Se						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
<u>Inorganic Compounds</u> Chloride	48.0		16.0	mg/kg	4	3052633	AC	26-May-23	4500-Cl-B	
Volatile Organic Compound	s by EPA Method 8	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3052615	JH	27-May-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3052615	JH	27-May-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3052615	ЛН	27-May-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3052615	ЛН	27-May-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3052615	ЛН	27-May-23	8021B	
Surrogate: 4-Bromofluorobenzene (P	ID)		101 %	71.5	-134	3052615	ЛН	27-May-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3052610	MS	26-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3052610	MS	26-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3052610	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctane			93.0 %	48.2	-134	3052610	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctadecane			93.1 %	49.1	-148	3052610	MS	26-May-23	8015B	

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Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706	SUITE C		Project Num Project Mana	ber: 237		Reported: 26-Jun-23 15:55				
				- 29 (3') 584-29 (Se						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
<u>Inorganic Compounds</u> Chloride	32.0		16.0	mg/kg	4	3052633	AC	26-May-23	4500-Cl-B	
Volatile Organic Compound	s by EPA Method 8	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3052615	JH	27-May-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3052615	JH	27-May-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3052615	JH	27-May-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3052615	ЛН	27-May-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3052615	ЛН	27-May-23	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		100 %	71.5	-134	3052615	ЛН	27-May-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3052610	MS	26-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3052610	MS	26-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3052610	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctane			90.9 %	48.2	-134	3052610	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctadecane			90.4 %	49.1	-148	3052610	MS	26-May-23	8015B	

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Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706		Project Num Project Mana	ber: 237		om wcb	Reported: 26-Jun-23 15:55				
				- 30 (3') 584-30 (Se						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	3052633	AC	26-May-23	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method 8	021								
Benzene*	< 0.050		0.050	mg/kg	50	3052615	JH	27-May-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3052615	JH	27-May-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3052615	JH	27-May-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3052615	JH	27-May-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3052615	JH	27-May-23	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	(D)		99.9 %	71.5	-134	3052615	ЈН	27-May-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3052610	MS	26-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3052610	MS	26-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3052610	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctane			81.9 %	48.2	-134	3052610	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctadecane			82.9 %	49.1	-148	3052610	MS	26-May-23	8015B	

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NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706	SUITE C		Project Num Project Mana	ber: 237		Reported: 26-Jun-23 15:55				
				- 31 (3') 584-31 (Se						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
<u>Inorganic Compounds</u> Chloride	112		16.0	mg/kg	4	3052633	AC	26-May-23	4500-Cl-B	
Volatile Organic Compound	s by EPA Method 8	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3052615	JH	27-May-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3052615	JH	27-May-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3052615	JH	27-May-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3052615	ЛН	27-May-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3052615	ЛН	27-May-23	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		99.6 %	71.5	-134	3052615	ЛН	27-May-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3052610	MS	26-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3052610	MS	26-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3052610	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctane			86.6 %	48.2	-134	3052610	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctadecane			87.3 %	49.1	-148	3052610	MS	26-May-23	8015B	

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NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706		Project Num Project Mana	ber: 237		om wcb	Reported: 26-Jun-23 15:55				
				- 32 (3') 584-32 (Se						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
<u>Inorganic Compounds</u> Chloride	48.0		16.0	mg/kg	4	3052633	AC	26-May-23	4500-Cl-B	
Volatile Organic Compound	ls by EPA Method 8	3021								
Benzene*	< 0.050		0.050	mg/kg	50	3052615	JH	27-May-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3052615	ЛН	27-May-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3052615	ЛН	27-May-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3052615	ЛН	27-May-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3052615	ЛН	27-May-23	8021B	
Surrogate: 4-Bromofluorobenzene (P	PID)		99.7 %	71.5	-134	3052615	ЛН	27-May-23	8021B	
Petroleum Hydrocarbons by	y GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3052610	MS	26-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3052610	MS	26-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3052610	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctane			83.0 %	48.2	-134	3052610	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctadecane			84.4 %	49.1	-148	3052610	MS	26-May-23	8015B	

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NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706	SUITE C		Project Num Project Mana	ber: 237		Reported: 26-Jun-23 15:55				
				33 (1.5-2 684-33 (So	<i>,</i>					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
<u>Inorganic Compounds</u> Chloride	80.0		16.0	mg/kg	4	3052633	AC	26-May-23	4500-Cl-B	
Volatile Organic Compound	ls by EPA Method 8	021								
Benzene*	< 0.050		0.050	mg/kg	50	3052615	JH	27-May-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3052615	JH	27-May-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3052615	JH	27-May-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3052615	JH	27-May-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3052615	ЛН	27-May-23	8021B	
Surrogate: 4-Bromofluorobenzene (P	PID)		101 %	71.5	-134	3052615	ЛН	27-May-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3052610	MS	26-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3052610	MS	26-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3052610	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctane			80.6 %	48.2	-134	3052610	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctadecane			81.4 %	49.1	-148	3052610	MS	26-May-23	8015B	

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NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706			Project: OCOTILLO 6-31 STATE COM WCB Project Number: 237253 Project Manager: BECKY HASKELL Fax To:					Reported: 26-Jun-23 15:55		
				34 (1.5- 684-34 (Se	,					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
<u>Inorganic Compounds</u> Chloride	112		16.0	mg/kg	4	3052633	AC	26-May-23	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method 8	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3052615	JH	27-May-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3052615	JH	27-May-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3052615	JH	27-May-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3052615	JH	27-May-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3052615	JH	27-May-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)		101 %	1% 71.5-134		3052615	ЈН	27-May-23	8021B		
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3052610	MS	26-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3052610	MS	26-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3052610	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctane		65.6 %	48.2-134		3052610	MS	26-May-23	8015B		
Surrogate: 1-Chlorooctadecane		66.2 %	49.1-148		3052610	MS	26-May-23	8015B		

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Celey D. Keene, Lab Director/Quality Manager


NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706	SUITE C		Project Num Project Mana	ber: 237			om wcb	M WCB Reported: 26-Jun-23 15:55				
				35 (1.5- 684-35 (Se	,							
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes		
			Cardina	l Laborat	tories							
<u>Inorganic Compounds</u> Chloride	256		16.0	mg/kg	4	3052633	AC	26-May-23	4500-Cl-B			
Volatile Organic Compounds	s by EPA Method 8	8021										
Benzene*	< 0.050		0.050	mg/kg	50	3052615	JH	27-May-23	8021B			
Toluene*	< 0.050		0.050	mg/kg	50	3052615	JH	27-May-23	8021B			
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3052615	JH	27-May-23	8021B			
Total Xylenes*	< 0.150		0.150	mg/kg	50	3052615	JH	27-May-23	8021B			
Total BTEX	< 0.300		0.300	mg/kg	50	3052615	JH	27-May-23	8021B			
Surrogate: 4-Bromofluorobenzene (PI	D)		100 %	71.5	-134	3052615	JH	27-May-23	8021B			
Petroleum Hydrocarbons by	GC FID											
GRO C6-C10*	<10.0		10.0	mg/kg	1	3052610	MS	26-May-23	8015B			
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3052610	MS	26-May-23	8015B			
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3052610	MS	26-May-23	8015B			
Surrogate: 1-Chlorooctane			58.2 %	48.2	-134	3052610	MS	26-May-23	8015B			
Surrogate: 1-Chlorooctadecane			58.1 %	49.1	-148	3052610	MS	26-May-23	8015B			

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NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706	SUITE C		Project Num Project Mana	ber: 237	253	1 STATE C	om wcb	2	Reported: ?6-Jun-23 15:	55
				· 1 (0-1.5	<i>,</i>					
			П232	684-36 (So)11)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	128		16.0	mg/kg	4	3052633	AC	26-May-23	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3052615	JH	27-May-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3052615	JH	27-May-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3052615	JH	27-May-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3052615	JH	27-May-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3052615	ЈН	27-May-23	8021B	
Surrogate: 4-Bromofluorobenzene (PL	ID)		101 %	71.5	-134	3052615	JH	27-May-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3052610	MS	30-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3052610	MS	30-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3052610	MS	30-May-23	8015B	
Surrogate: 1-Chlorooctane			116 %	48.2	-134	3052610	MS	30-May-23	8015B	
Surrogate: 1-Chlorooctadecane			125 %	49.1	-148	3052610	MS	30-May-23	8015B	

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Celey D. Keene, Lab Director/Quality Manager

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

Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUIT MIDLAND TX, 79706	01 TRADEWINDS BLVD. SUITE C			ber: 237	DTILLO 6-3 253 XY HASKEI	Reported: 26-Jun-23 15:55				
				- 2 (0-2 584-37 (Se	,					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds Chloride	1380		16.0	mg/kg	4	3052633	AC	26-May-23	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3052618	JH/	26-May-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3052618	JH/	26-May-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3052618	JH/	26-May-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3052618	JH/	26-May-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3052618	JH/	26-May-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			109 %	71.5	-134	3052618	JH/	26-May-23	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3052610	MS	26-May-23	8015B	
DRO >C10-C28*	17.7		10.0	mg/kg	1	3052610	MS	26-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3052610	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctane			60.5 %	48.2	-134	3052610	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctadecane			61.2 %	49.1	-148	3052610	MS	26-May-23	8015B	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706	701 TRADEWINDS BLVD. SUITE CProject Number: 23725326-Jun-23 15:55MIDLAND TX, 79706Project Manager: BECKY HASKELL Fax To:Fax To:							55		
				- 3 (0-2 584-38 (Se	,					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	848		16.0	mg/kg	4	3052633	AC	26-May-23	4500-Cl-B	
Volatile Organic Compound	s by EPA Method 8	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3052618	JH/	26-May-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3052618	JH/	26-May-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3052618	JH/	26-May-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3052618	JH/	26-May-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3052618	JH/	26-May-23	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		108 %	71.5	-134	3052618	JH/	26-May-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3052610	MS	26-May-23	8015B	
DRO >C10-C28*	13.5		10.0	mg/kg	1	3052610	MS	26-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3052610	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctane			59.5 %	48.2	-134	3052610	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctadecane			59.6 %	49.1	-148	3052610	MS	26-May-23	8015B	

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Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. S MIDLAND TX, 79706	SUITE C	Project Num Project Mana	ber: 237		om wcb	Reported: 26-Jun-23 15:55				
				- 4 (0-3 684-39 (Se	<i>,</i>					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds	(1.0		16.0	ma/ka	4	3052633	AC	26-May-23	4500-Cl-B	
Chloride	64.0		10.0	mg/kg	4	3032033	AC	20-1v1ay-23	4JUU-UI-D	
Volatile Organic Compounds		8021								
Benzene*	< 0.050		0.050	mg/kg	50	3052618	JH/	26-May-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3052618	JH/	26-May-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3052618	JH/	26-May-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3052618	JH/	26-May-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3052618	JH/	26-May-23	8021B	
Surrogate: 4-Bromofluorobenzene (PII	D)		110 %	71.5	-134	3052618	JH/	26-May-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3052610	MS	26-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3052610	MS	26-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3052610	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctane			53.2 %	48.2	-134	3052610	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctadecane			52.6 %	49.1	-148	3052610	MS	26-May-23	8015B	

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Celey D. Keene, Lab Director/Quality Manager

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706	SUITE C		Project Num Project Mana	ber: 237		Reported: 26-Jun-23 15:55				
				5 (0-1.: 584-40 (Se	/					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
<u>Inorganic Compounds</u> Chloride	496		16.0	mg/kg	4	3052633	AC	26-May-23	4500-Cl-B	
Volatile Organic Compound	s by EPA Method 8	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3052618	JH/	26-May-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3052618	JH/	26-May-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3052618	JH/	26-May-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3052618	JH/	26-May-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3052618	JH/	26-May-23	8021B	
Surrogate: 4-Bromofluorobenzene (P.	PID)		109 %	71.5	-134	3052618	JH/	26-May-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3052610	MS	26-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3052610	MS	26-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3052610	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctane			56.0 %	48.2	-134	3052610	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctadecane			56.2 %	49.1	-148	3052610	MS	26-May-23	8015B	

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706	SUITE C		Project Num Project Mana	ber: 237	253	1 STATE C	om wcb	2	Reported: 6-Jun-23 15:	55
				6 (1.5-3	<i>,</i>					
			H232	684-41 (So	oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	160		16.0	mg/kg	4	3052633	AC	26-May-23	4500-Cl-B	
Volatile Organic Compound	s by EPA Method 8	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3052618	JH/	26-May-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3052618	JH/	26-May-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3052618	JH/	26-May-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3052618	JH/	26-May-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3052618	JH/	26-May-23	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		106 %	71.5	-134	3052618	JH/	26-May-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3052610	MS	26-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3052610	MS	26-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3052610	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctane			67.1 %	48.2	-134	3052610	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctadecane			66.5 %	49.1	-148	3052610	MS	26-May-23	8015B	

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Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706	SUITE C		Project Num Project Mana	ber: 237			om wcb	2	Reported: :6-Jun-23 15:	55
				7 (1.5-2 684-42 (Se	<i>,</i>					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
<u>Inorganic Compounds</u> Chloride	176		16.0	mg/kg	4	3052634	AC	26-May-23	4500-Cl-B	
Volatile Organic Compound	s by EPA Method 80)21								
Benzene*	< 0.050		0.050	mg/kg	50	3052618	JH/	26-May-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3052618	JH/	26-May-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3052618	JH/	26-May-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3052618	JH/	26-May-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3052618	JH/	26-May-23	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		107 %	71.5	-134	3052618	JH/	26-May-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3052610	MS	26-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3052610	MS	26-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3052610	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctane			58.0 %	48.2	-134	3052610	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctadecane			58.1 %	49.1	-148	3052610	MS	26-May-23	8015B	

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Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL Project: OCOTILLO 6-31 STATE COM WCB Reported: 701 TRADEWINDS BLVD. SUITE C Project Number: 237253 26-Jun-23 15 MIDLAND TX, 79706 Project Manager: BECKY HASKELL Fax To: SW-8 (0-6'')								55		
				- 8 (0-6' 684-43 (So	<i>,</i>					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
<u>Inorganic Compounds</u> Chloride	3600		16.0	mg/kg	4	3052634	AC	26-May-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method 8	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3052618	JH/	26-May-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3052618	JH/	26-May-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3052618	JH/	26-May-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3052618	JH/	26-May-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3052618	JH/	26-May-23	8021B	
Surrogate: 4-Bromofluorobenzene (PII	D)		110 %	71.5	-134	3052618	JH/	26-May-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3052610	MS	26-May-23	8015B	
DRO >C10-C28*	44.0		10.0	mg/kg	1	3052610	MS	26-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3052610	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctane			71.2 %	48.2	-134	3052610	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctadecane			73.2 %	49.1	-148	3052610	MS	26-May-23	8015B	

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706	SUITE C		Project Num Project Mana	ber: 237			om wcb	2	Reported: :6-Jun-23 15::	55
				9 (1.5-3 584-44 (So	<i>,</i>					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
<u>Inorganic Compounds</u> Chloride	80.0		16.0	mg/kg	4	3052634	AC	26-May-23	4500-Cl-B	
Volatile Organic Compound	s by EPA Method 8	021								
Benzene*	< 0.050		0.050	mg/kg	50	3052618	JH/	26-May-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3052618	JH/	26-May-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3052618	JH/	26-May-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3052618	JH/	26-May-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3052618	JH/	26-May-23	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		110 %	71.5	-134	3052618	JH/	26-May-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3052610	MS	26-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3052610	MS	26-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3052610	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctane			75.5 %	48.2	-134	3052610	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctadecane			76.1 %	49.1	-148	3052610	MS	26-May-23	8015B	

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Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706	SUITE C		Project Num Project Mana	ber: 237	253	1 STATE C	OM WCB	2	Reported: :6-Jun-23 15::	55
				- 10 (0-3 684-45 (So	<i>´</i>					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
<u>Inorganic Compounds</u> Chloride	1310		16.0	mg/kg	4	3052634	AC	26-May-23	4500-Cl-B	
Volatile Organic Compound	s by EPA Method 8	021								
Benzene*	< 0.050		0.050	mg/kg	50	3052618	JH/	26-May-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3052618	JH/	26-May-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3052618	JH/	26-May-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3052618	JH/	26-May-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3052618	JH/	26-May-23	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		110 %	71.5	-134	3052618	JH/	26-May-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3052610	MS	26-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3052610	MS	26-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3052610	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctane			64.7 %	48.2	-134	3052610	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctadecane			66.4 %	49.1	-148	3052610	MS	26-May-23	8015B	

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Celey D. Keene, Lab Director/Quality Manager



701 TRADEWINDS BLVD. SUITE C Project Number: 237253 26-Jun-23 MIDLAND TX, 79706 Project Manager: BECKY HASKELL Fax To:							Reported: :6-Jun-23 15::	55		
				- 11 (0-2 684-46 (Se	<i>,</i>					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	tories					
<u>Inorganic Compounds</u> Chloride	48.0		16.0	mg/kg	4	3052634	AC	26-May-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3052618	JH/	26-May-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3052618	JH/	26-May-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3052618	JH/	26-May-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3052618	JH/	26-May-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3052618	JH/	26-May-23	8021B	
Surrogate: 4-Bromofluorobenzene (PII))		109 %	71.5	-134	3052618	JH/	26-May-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3052610	MS	26-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3052610	MS	26-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3052610	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctane			97.2 %	48.2	-134	3052610	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctadecane			101 %	49.1	-148	3052610	MS	26-May-23	8015B	

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Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. S MIDLAND TX, 79706	SUITE C		Project: OCOTILLO 6-31 STATE COM WCB Project Number: 237253 Project Manager: BECKY HASKELL Fax To:			Reported: 26-Jun-23 15:55				
				12 (0-6 584-47 (Se	/					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
<u>Inorganic Compounds</u> Chloride	80.0		16.0	mg/kg	4	3052634	AC	26-May-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3052618	JH/	26-May-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3052618	JH/	26-May-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3052618	JH/	26-May-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3052618	JH/	26-May-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3052618	JH/	26-May-23	8021B	
Surrogate: 4-Bromofluorobenzene (PIL))		107 %	71.5	-134	3052618	JH/	26-May-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3052616	MS	26-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3052616	MS	26-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3052616	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctane			121 %	48.2	-134	3052616	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctadecane			133 %	49.1	-148	3052616	MS	26-May-23	8015B	

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Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706	SUITE C		Project Num Project Mana	ber: 237			om wcb	2	Reported: 6-Jun-23 15:	55
				13 (6''-1 684-48 (Se	<i>,</i>					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
<u>Inorganic Compounds</u> Chloride	48.0		16.0	mg/kg	4	3052634	AC	26-May-23	4500-Cl-B	
Volatile Organic Compound	s by EPA Method 8	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3052618	JH/	26-May-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3052618	JH/	26-May-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3052618	JH/	26-May-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3052618	JH/	26-May-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3052618	JH/	26-May-23	8021B	
Surrogate: 4-Bromofluorobenzene (PL	ID)		109 %	71.5	-134	3052618	JH/	26-May-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3052616	MS	26-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3052616	MS	26-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3052616	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctane			126 %	48.2	-134	3052616	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctadecane			139 %	49.1	-148	3052616	MS	26-May-23	8015B	

Cardinal Laboratories

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706	SUITE C		Project Num Project Mana	ber: 237			om wcb	2	55	
				- 14 (0-3 684-49 (Se	·					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
<u>Inorganic Compounds</u> Chloride	64.0		16.0	mg/kg	4	3052634	AC	26-May-23	4500-Cl-B	
Volatile Organic Compound	s by EPA Method 8	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3052618	JH/	26-May-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3052618	JH/	26-May-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3052618	JH/	26-May-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3052618	JH/	26-May-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3052618	JH/	26-May-23	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		108 %	71.5	-134	3052618	JH/	26-May-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3052616	MS	26-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3052616	MS	26-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3052616	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctane			128 %	48.2	-134	3052616	MS	26-May-23	8015B	
Surrogate: 1-Chlorooctadecane			138 %	49.1	-148	3052616	MS	26-May-23	8015B	

Cardinal Laboratories

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: Project Number: Project Manager: Fax To:		Reported: 26-Jun-23 15:55	
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Inorganic Compounds - Quality Control

Cardinal Laboratories											
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch 3052625 - 1:4 DI Water											
Blank (3052625-BLK1)				Prepared &	Analyzed:	26-May-23					
Chloride	ND	16.0	mg/kg								
LCS (3052625-BS1)				Prepared &	Analyzed:	26-May-23					
Chloride	400	16.0	mg/kg	400		100	80-120				
LCS Dup (3052625-BSD1)				Prepared &	Analyzed:	26-May-23					
Chloride	432	16.0	mg/kg	400		108	80-120	7.69	20		
Batch 3052630 - 1:4 DI Water											
Blank (3052630-BLK1)				Prepared &	Analyzed:	26-May-23					
Chloride	ND	16.0	mg/kg								
LCS (3052630-BS1)				Prepared &	Analyzed:	26-May-23					
Chloride	416	16.0	mg/kg	400		104	80-120				
LCS Dup (3052630-BSD1)				Prepared &	Analyzed:	26-May-23					
Chloride	416	16.0	mg/kg	400	•	104	80-120	0.00	20		
Batch 3052633 - 1:4 DI Water											
Blank (3052633-BLK1)				Prepared &	Analyzed:	26-May-23					
Chloride	ND	16.0	mg/kg								
LCS (3052633-BS1)				Prepared &	Analyzed:	26-May-23					
Chloride	416	16.0	mg/kg	400		104	80-120				

Cardinal Laboratories

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: Project Number: Project Manager: Fax To:		Reported: 26-Jun-23 15:55
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Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3052633 - 1:4 DI Water										
LCS Dup (3052633-BSD1)				Prepared &	analyzed:	26-May-23	;			
Chloride	400	16.0	mg/kg	400		100	80-120	3.92	20	
Batch 3052634 - 1:4 DI Water										
Blank (3052634-BLK1)				Prepared &	Analyzed:	26-May-23	;			
Chloride	ND	16.0	mg/kg							
LCS (3052634-BS1)				Prepared &	z Analyzed:	26-May-23	;			
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (3052634-BSD1)				Prepared &	analyzed:	26-May-23	;			
Chloride	384	16.0	mg/kg	400		96.0	80-120	11.8	20	

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Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: Project Number: Project Manager: Fax To:		Reported: 26-Jun-23 15:55	
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Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal	La	bora	tories

	D 1	Reporting	TT T	Spike	Source	WREG	%REC	000	RPD	N T - (
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 3052614 - Volatiles										
Blank (3052614-BLK1)				Prepared &	Analyzed:	26-May-2	3			
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0509		mg/kg	0.0500		102	71.5-134			
LCS (3052614-BS1)				Prepared &	Analyzed:	26-May-2	3			
Benzene	2.19	0.050	mg/kg	2.00		109	81.4-118			
Toluene	2.14	0.050	mg/kg	2.00		107	88.7-121			
Ethylbenzene	2.09	0.050	mg/kg	2.00		104	86.1-120			
m,p-Xylene	4.33	0.100	mg/kg	4.00		108	88.2-124			
o-Xylene	2.09	0.050	mg/kg	2.00		105	84.9-118			
Total Xylenes	6.42	0.150	mg/kg	6.00		107	87.3-122			
Surrogate: 4-Bromofluorobenzene (PID)	0.0482		mg/kg	0.0500		96.5	71.5-134			
LCS Dup (3052614-BSD1)				Prepared &	Analyzed:	26-May-2.	3			
Benzene	2.21	0.050	mg/kg	2.00		110	81.4-118	0.849	15.8	
Toluene	2.17	0.050	mg/kg	2.00		109	88.7-121	1.53	15.9	
Ethylbenzene	2.12	0.050	mg/kg	2.00		106	86.1-120	1.42	16	
m,p-Xylene	4.37	0.100	mg/kg	4.00		109	88.2-124	0.910	16.2	
o-Xylene	2.10	0.050	mg/kg	2.00		105	84.9-118	0.348	16.7	
Total Xylenes	6.47	0.150	mg/kg	6.00		108	87.3-122	0.727	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0487		mg/kg	0.0500		97.4	71.5-134			

Batch 3052615 - Volatiles

Blank (3052615-BLK1)			Prepared: 26-May-23 Analyzed: 27-May-23
Benzene	ND	0.050	mg/kg
Toluene	ND	0.050	mg/kg
Ethylbenzene	ND	0.050	mg/kg
Total Xylenes	ND	0.150	mg/kg

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NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: Project Number: Project Manager: Fax To:		Reported: 26-Jun-23 15:55
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Volatile Organic Compounds by EPA Method 8021 - Quality Control Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Analyte	Result	Liiiit	Ollits	Level	Result	70KEC	Linits	KI D	Lillin	Notes
Batch 3052615 - Volatiles										
Blank (3052615-BLK1)				Prepared: 2	26-May-23	Analyzed: 2	27-May-23			
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0506		mg/kg	0.0500		101	71.5-134			
LCS (3052615-BS1)				Prepared: 2	26-May-23	Analyzed: 2	27-May-23			
Benzene	2.24	0.050	mg/kg	2.00		112	81.4-118			
Toluene	2.23	0.050	mg/kg	2.00		112	88.7-121			
Ethylbenzene	2.16	0.050	mg/kg	2.00		108	86.1-120			
m,p-Xylene	4.45	0.100	mg/kg	4.00		111	88.2-124			
o-Xylene	2.14	0.050	mg/kg	2.00		107	84.9-118			
Total Xylenes	6.59	0.150	mg/kg	6.00		110	87.3-122			
Surrogate: 4-Bromofluorobenzene (PID)	0.0487		mg/kg	0.0500		97.4	71.5-134			
LCS Dup (3052615-BSD1)				Prepared: 2	26-May-23	Analyzed: 2	27-May-23			
Benzene	2.21	0.050	mg/kg	2.00		111	81.4-118	1.45	15.8	
Toluene	2.18	0.050	mg/kg	2.00		109	88.7-121	2.35	15.9	
Ethylbenzene	2.14	0.050	mg/kg	2.00		107	86.1-120	1.01	16	
m,p-Xylene	4.41	0.100	mg/kg	4.00		110	88.2-124	1.08	16.2	
o-Xylene	2.13	0.050	mg/kg	2.00		107	84.9-118	0.296	16.7	
Total Xylenes	6.54	0.150	mg/kg	6.00		109	87.3-122	0.825	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0481		mg/kg	0.0500		96.1	71.5-134			

Batch 3052618 - Volatiles

Blank (3052618-BLK1)				Prepared & Analy	zed: 26-May-2	3	
Benzene	ND	0.050	mg/kg				
Toluene	ND	0.050	mg/kg				
Ethylbenzene	ND	0.050	mg/kg				
Total Xylenes	ND	0.150	mg/kg				
Total BTEX	ND	0.300	mg/kg				
Surrogate: 4-Bromofluorobenzene (PID)	0.0544		mg/kg	0.0500	109	71.5-134	

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Celey D. Keene, Lab Director/Quality Manager

Analyte

RPD

Limit

Notes



%REC

Limits

RPD

Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: Project Number: Project Manager: Fax To:		Reported: 26-Jun-23 15:55
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Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories Reporting Spike Source										
Result	Reporting Limit	Units	Spike Level	Source Result	%REC					

Benzene				Prepared & Analy	yzed: 26-May-2	3		
	1.97	0.050	mg/kg	2.00	98.4	81.4-118		
Toluene	1.93	0.050	mg/kg	2.00	96.7	88.7-121		
Ethylbenzene	1.99	0.050	mg/kg	2.00	99.7	86.1-120		
m,p-Xylene	3.97	0.100	mg/kg	4.00	99.3	88.2-124		
o-Xylene	2.00	0.050	mg/kg	2.00	100	84.9-118		
Total Xylenes	5.97	0.150	mg/kg	6.00	99.5	87.3-122		
Surrogate: 4-Bromofluorobenzene (PID)	0.0501		mg/kg	0.0500	100	71.5-134		
LCS Dup (3052618-BSD1)				Prepared & Analy	yzed: 26-May-2	3		
Benzene	2.02	0.050	mg/kg	2.00	101	81.4-118	2.80	15.8
Toluene	2.04	0.050	mg/kg	2.00	102	88.7-121	5.51	15.9
Ethylbenzene	2.13	0.050	mg/kg	2.00	106	86.1-120	6.51	16
m,p-Xylene	4.22	0.100	mg/kg	4.00	105	88.2-124	5.98	16.2
o-Xylene	2.08	0.050	mg/kg	2.00	104	84.9-118	3.85	16.7
Total Xylenes	6.30	0.150	mg/kg	6.00	105	87.3-122	5.27	16.3
Surrogate: 4-Bromofluorobenzene (PID)	0.0502		mg/kg	0.0500	100	71.5-134		

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NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: Project Number: Project Manager: Fax To:		Reported: 26-Jun-23 15:55	
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Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3052608 - General Prep - Organics										
Blank (3052608-BLK1)				Prepared &	Analyzed:	26-May-2	3			
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	58.9		mg/kg	49.6		119	48.2-134			
Surrogate: 1-Chlorooctadecane	64.6		mg/kg	50.0		129	49.1-148			
LCS (3052608-BS1)				Prepared &	Analyzed:	26-May-2	3			
GRO C6-C10	194	10.0	mg/kg	200		97.2	78.5-124			
DRO >C10-C28	195	10.0	mg/kg	200		97.7	72.5-126			
Total TPH C6-C28	390	10.0	mg/kg	400		97.4	77.6-123			
Surrogate: 1-Chlorooctane	49.1		mg/kg	49.6		99.1	48.2-134			
Surrogate: 1-Chlorooctadecane	50.7		mg/kg	50.0		101	49.1-148			
LCS Dup (3052608-BSD1)				Prepared &	Analyzed:	26-May-2	3			
GRO C6-C10	191	10.0	mg/kg	200		95.7	78.5-124	1.47	17.7	
DRO >C10-C28	184	10.0	mg/kg	200		92.2	72.5-126	5.83	21	
Total TPH C6-C28	376	10.0	mg/kg	400		94.0	77.6-123	3.63	18.5	
Surrogate: 1-Chlorooctane	59.2		mg/kg	49.6		119	48.2-134			
Surrogate: 1-Chlorooctadecane	62.6		mg/kg	50.0		125	49.1-148			

Blank (3052609-BLK1)		Prepared & Ana	lyzed: 26-May-2.	3			
GRO C6-C10	ND	10.0	mg/kg				
DRO >C10-C28	ND	10.0	mg/kg				
EXT DRO >C28-C36	ND	10.0	mg/kg				
Surrogate: 1-Chlorooctane	59.4		mg/kg	49.6	120	48.2-134	
Surrogate: 1-Chlorooctadecane	59.0		mg/kg	50.0	118	49.1-148	

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Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: Project Number: Project Manager: Fax To:		Reported: 26-Jun-23 15:55	
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Petroleum Hydrocarbons by GC FID - Quality Control

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 3052609 - General Prep - Organics										
LCS (3052609-BS1)				Prepared &	Analyzed:	26-May-2	3			
GRO C6-C10	227	10.0	mg/kg	200		114	78.5-124			
DRO >C10-C28	215	10.0	mg/kg	200		107	72.5-126			
Total TPH C6-C28	442	10.0	mg/kg	400		111	77.6-123			
Surrogate: 1-Chlorooctane	58.3		mg/kg	49.6		118	48.2-134			
Surrogate: 1-Chlorooctadecane	55.3		mg/kg	50.0		111	49.1-148			
LCS Dup (3052609-BSD1)				Prepared &	Analyzed:	26-May-2	3			
GRO C6-C10	225	10.0	mg/kg	200		112	78.5-124	1.15	17.7	
DRO >C10-C28	210	10.0	mg/kg	200		105	72.5-126	2.48	21	
Total TPH C6-C28	434	10.0	mg/kg	400		109	77.6-123	1.79	18.5	
Surrogate: 1-Chlorooctane	70.7		mg/kg	49.6		143	48.2-134			S-04
Surrogate: 1-Chlorooctadecane	67.1		mg/kg	50.0		134	49.1-148			
Batch 3052610 - General Prep - Organics										
Blank (3052610-BLK1)				Prepared &	Analyzed:	26-May-2	3			
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	52.8		mg/kg	49.6		107	48.2-134			
Surrogate: 1-Chlorooctadecane	56.0		mg/kg	50.0		112	49.1-148			
LCS (3052610-BS1)				Prepared &	Analyzed:	26-May-2	3			
GRO C6-C10	226	10.0	mg/kg	200		113	78.5-124			
DRO >C10-C28	225	10.0	mg/kg	200		113	72.5-126			
Total TPH C6-C28	451	10.0	mg/kg	400		113	77.6-123			
Surrogate: 1-Chlorooctane	52.7		mg/kg	49.6		106	48.2-134			
Surrogate: 1-Chlorooctadecane	59.5		mg/kg	50.0		119	49.1-148			

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NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: O Project Number: 2: Project Manager: Bl Fax To:		Reported: 26-Jun-23 15:55
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Petroleum Hydrocarbons by GC FID - Quality Control

Carumai Laboratories	Cardinal	Laboratories
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		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 3052610 - General Prep - Organics										
LCS Dup (3052610-BSD1)				Prepared &	Analyzed:	26-May-22	3			
GRO C6-C10	222	10.0	mg/kg	200		111	78.5-124	1.61	17.7	
DRO >C10-C28	219	10.0	mg/kg	200		110	72.5-126	2.64	21	
Total TPH C6-C28	441	10.0	mg/kg	400		110	77.6-123	2.12	18.5	
Surrogate: 1-Chlorooctane	63.3		mg/kg	49.6		128	48.2-134			
Surrogate: 1-Chlorooctadecane	70.3		mg/kg	50.0		141	49.1-148			
Batch 3052616 - General Prep - Organics										
Blank (3052616-BLK1)				Prepared &	Analyzed:	26-May-2	3			
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	60.5		mg/kg	49.6		122	48.2-134			
Surrogate: 1-Chlorooctadecane	68.6		mg/kg	50.0		137	49.1-148			
LCS (3052616-BS1)				Prepared &	Analyzed:	26-May-22	3			
GRO C6-C10	213	10.0	mg/kg	200		106	78.5-124			
DRO >C10-C28	226	10.0	mg/kg	200		113	72.5-126			
Total TPH C6-C28	439	10.0	mg/kg	400		110	77.6-123			
Surrogate: 1-Chlorooctane	59.1		mg/kg	49.6		119	48.2-134			
Surrogate: 1-Chlorooctadecane	65.1		mg/kg	50.0		130	49.1-148			
LCS Dup (3052616-BSD1)				Prepared &	Analyzed:	26-May-2	3			
GRO C6-C10	211	10.0	mg/kg	200		106	78.5-124	0.634	17.7	
DRO >C10-C28	222	10.0	mg/kg	200		111	72.5-126	1.83	21	
Total TPH C6-C28	434	10.0	mg/kg	400		108	77.6-123	1.25	18.5	
Surrogate: 1-Chlorooctane	71.7		mg/kg	49.6		145	48.2-134			S-
Surrogate: 1-Chlorooctadecane	79.4		mg/kg	50.0		159	49.1-148			S-

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Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500CI-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

Journa (Relinquished by: (Signature)		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 and subcontractors. If a fining the service is a fining the service of the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are any fining the service. A minimum charge of \$55.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be applied to each project and a charge of \$5 for each sample submitted to Xenco.	Additional Comments:		CS-10 (1.5) 5				CS-5 (1.5) 5	CS-4 (1.5) 5	CS-3 (1.5) 5		CS-1 (1.5)	Sample Identification	Total Containers: 49	Sample Custody Seals: Yes No		Received Intact:	SAMPLE RECEIPT Temp Blank:	#	**	Project Location Eddy	Project Number: 23	Project Name: Ocotillo 6-	Phone: 432-766-1918	ate ZIP:		viname:	100
Amm	R		f samples and sh lied to each proj		5/25/2023	5/25/2023	5/25/2023	5/25/2023	5/25/2023	5/25/2023	5/25/2023	5/25/2023	5/25/2023	5/25/2023	Date	1	NA	MA	No			Jordan Tyner	Eddy County	237253	Ocotillo 6-31 State Com		01	Blvd.	intal	
10 01	eceived t	and a series of the	all not assurect and a ch												Time	orrected 1	emperatu	Correction Factor:		Yes No					ш					
The second	Received by: (Signature)	anye or earlier to act	a valid purchase ne any responsit arge of \$5 for eac		×	×	×	×	×	×	×	×	× ,	~	Soil	Corrected Temperature:	Temperature Reading:	Factor:	ter ID:	Wet Ice:	lab, if rece	TAT starts the	Due Date:	 Routine 	Turr	Email:				
Mr.	1/1	an sample submitte	order from client c illity for any losses in sample submitte		Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	2	Water Grab/ Comp	3.30	2	-0,60	L XII	Mes No	lab, if received by 4:30pm	day received by H		Rush	Turn Around	Email: cmartin@earthstoneenergy.com	City, State ZIP:	Address:	Company Name:	Bill to: (if different)
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re) Received by: (Signature)		usly negotiated.	t assigns standard terms and conditions due to circumstances beyond the control													7 6		HOLD	_							ADa	Level	(Program: UST/PS PR Br	Work Order Comments
) Date/Time															Sample Comments	Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC	Na ₂ S ₂ O ₃ : NaSO ₃	NaHSO4: NABIS	H ₃ PO ₄ : HP	H ₂ SO ₄ : H ₂ NaOH: Na	HCL: HC HNO3: HN	Cool: Cool MeOH: Me	None: NO DI Water: H ₂ O	ervati		0	PST/UIT TRP			Comments

Released to Imaging: 2/14/2024 10:18:44 AM

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Chain of Custody

Page	ENVIRONMENTAL								Work (Work Order No:	+ 2 MAC FH
Project Manager: Be	Becky Haskell			Bill to: (if diff	(prent)	Chris N					Page 2 of 5
_	NTG Environmental			Dill to: (IT different)	erent)	Chris Martin	lartin		Wo	Work Order Comments	omments
-	701 Tradewinds Blvd.			Address:	ame:	Earthst	one Ope	Earthstone Operating LLC	S	PR Brownfie	ownfie
City, State ZIP: Mi	Midland TX, 79701			City State 710	Þ	Midland	TV 707	Midland TV 20204		5	1
Phone: 43:	432-766-1918		Email:		rthstoneene	ray.com	av.com		Deliverables: EDD		
Project Name:	Ocotillo 6-31 State Com	e Com	Tun	n Around							Cular
Project Number:	237253		 Routine 	ne Rush	Pres.	-		ANALYSIS REQUEST	QUEST		Preservative Codes
Project Location	Eddy County		Due Date:		Code	-	+				None: NO DI Water: H ₂ O
Sampler's Name:	Jordan Tyner	-	TAT starts the	TAT starts the day received by the	6	RO	KO)				-
SAMDIE DECEME			lab, if rece	eived by 4:30pm	-	+ M					
Received Intact:		Yes No	Wet Ice:	Ves No	nete	_				T -	H_PO_: HP
Cooler Custody Seals:	Yes No Nia	Competing Factor	eter ID:	cn .	ara		_			_	NaHSO :: NABIS
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Manager: Becky Haskell Bill to: (if different) Chris Martin Work Order Com ny Name: NTG Environmental Company Name: Earthstone Operating LLC Program: UST/PS PR Brown s:: 701 Tradewinds Blvd. Address: 600 N. Marienfeld, Suite 1000 Program: UST/PS PR Brown ate ZIP: Midland TX, 79701 City, State ZIP: Midland TX,79701 Reporting: Level Pst. Program: UST/PS PR Brown ame: Ocotillo 6-31 State Com Email: cmartin@earthstoneenergy.com ManLYSIS REQUEST Deliverables: EDD ADaPT umber: 237253 Routine Rush Pres. ANALYSIS REQUEST Total contine ANALYSIS REQUEST	Project Manager: Becky Haskell Bill to: (if different) Chris Martin Work Order Com Company Name: NTG Environmental Company Name: Earthstone Operating LLC Program: UST/PS] PR] Brown Address: 701 Tradewinds Blvd. Address: 600 N. Marienfeld, Suite 1000 Program: UST/PS] PR] Brown City, State ZIP: Midland TX, 79701 City, State ZIP: Midland TX,79701 Reporting:Level [] Level [] PST. Phone: 432-766-1918 Email: cmartin@earthstoneenergy.com Reporting:Level [] Level [] PST. Project Name: Ocotillo 6-31 State Com Turn Around Pres. ANALYSIS REQUEST ANALYSIS REQUEST ANALYSIS REQUEST Martin Martin				+	Code		Due Date:	Eddy County		Project Location
Manager: Becky Haskell Bill to: (if different) Chris Martin Frage Strate ry Name: NTG Environmental Company Name: Earthstone Operating LLC Work Order Comments s: 701 Tradewinds Blvd. Address: 600 N. Marienfeld, Suite 1000 Program: UST/PS PR Brownfiels R ate ZIP: Midland TX, 79701 City, State ZIP: Midland TX,79701 Email: cmartin@earthstoneenergy.com Reporting:Level Level PST/U1 TR ame: Ocotillo 6-31 State Com Turn Around Turn Around Turn Around Martin Turn Around Tu	Project Manager: Becky Haskell Bill to: (if different) Chris Martin Page 5 Company Name: NTG Environmental Company Name: Earthstone Operating LLC Work Order Comments Address: 701 Tradewinds Blvd. Address: 600 N. Marienfield, Suite 1000 Program: UST/PS_ Pr_ Brownfiel_s R_ City, State ZIP: Midland TX, 79701 City, State ZIP: Midland TX, 79701 Reporting:Level PST/U Tm_ Phone: 432-766-1918 Email: cmartin@earthstoneenergy.com Midland TX, 79701 Reporting:Level	Preservative C	UEST	ANALTSIS REQ		Pres.	Rush	✓ Routin	237253		Project Number:
Manager: Becky Haskell Bill to: (if different) Chris Martin Work Order Comments ny Name: NTG Environmental Company Name: Earthstone Operating LLC Program: UST/PS PR Brownfiels R s: 701 Tradewinds Blvd. Address: 600 N. Marienfeld, Suite 1000 State of Project: TR 432-766-1918 Email: cmartin@earthstoneenergy.com Midland TX, 79701 Deliverables: EDD Anorth Deliverables: EDD Anorth	Project Manager: Becky Haskell Bill to: (if different) Chris Martin Page 5 Company Name: NTG Environmental Company Name: Earthstone Operating LLC Vork Order Comments Address: 701 Tradewinds Blvd. Address: 600 N. Marienfeld, Suite 1000 Program: UST/PS PR Brownfiels R City, State ZIP: Midland TX, 79701 City, State ZIP: Midland TX, 79701 Reporting:Level Level PST/UC TR Phone: 432-766-1918 Email: cmartin@earthstoneenergy.com Midland TX, 79701 Deliverables: EDD Anord Company.com	11					Around		llo 6-31 State Co	Ocot	Project Name:
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Tanager: Becky Haskell Bill to: (if different) Chris Martin Work Order Comments / Name: NTG Environmental Company Name: Earthstone Operating LLC Program: UST/PS PR Brownfiels R 7/D: Nume: Address: 600 N. Marienfeld, Suite 1000 State of Project:	Project Manager: Becky Haskell Bill to: (if different) Chris Martin Project Martin Work Order Comments Company Name: NTG Environmental Company Name: Earthstone Operating LLC Program: UST/PSPRBrownfie_sR Address: 701 Tradewinds Blvd. Address: 600 N. Marienfeld, Suite 1000 State of Project:			701	idland TX,79	Mi	City, State ZIP:		10767	Wildiand IX	Dity, State LIF.
Ianager: Becky Haskell Bill to: (if different) Chris Martin / Name: NTG Environmental Bill to: (if different) Chris Martin / Name: NTG Environmental Work Order Comments / Name: Company Name: Earthstone Operating LLC	ENVIRONMENTAL Page 5 Project Manager: Becky Haskell Becky Haskell Bill to: (if different) Company Name: NTG Environmental Work Order Comments Work Order Comments Addresser Company Name: Earthstone Operating LLC Program: UST/PSC		Č	eld, Suite 1000	00 N. Marienf	60	Address:		inds Blvd.	/UT I radev	City State Vin.
Becky Haskell Bill to: (if different) Chris Martin NTC Environment Work Order Comments	Project Manager: Becky Haskell Bill to: (if different) Chris Martin Company Name: NTC Environments Work Order Commants		Program: UST/PST DDT D	erating LLC	arthstone Op		Company Name		rimental	_	Addresses
Page United	Project Manager Books House		Work Order (hris Martin		Bill to: (if differe		(ell	-	Company Nam
Vork Order No: H232684											

... Released to Imaging: 2/14/2024 10:18:44 AM

Page 66 of 66

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Chain of Custody



June 26, 2023

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

RE: OCOTILLO 6-31 STATE COM WCB #002H

Enclosed are the results of analyses for samples received by the laboratory on 06/20/23 16:18.

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

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

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

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

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: Project Number: Project Manager: Fax To:		Reported: 26-Jun-23 09:04	
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Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SW - 20A (2.5'-4')	H233206-01	Soil	20-Jun-23 11:10	20-Jun-23 16:18
SW - 23 (1.5'-2.5')	H233206-02	Soil	20-Jun-23 11:12	20-Jun-23 16:18
SW - 24 (0'-2.5')	H233206-03	Soil	20-Jun-23 11:14	20-Jun-23 16:18
SW - 25 (0'-2.5')	H233206-04	Soil	20-Jun-23 11:16	20-Jun-23 16:18
SW - 15A (.5'-2.5')	H233206-05	Soil	20-Jun-23 11:18	20-Jun-23 16:18
CS - 22B (2.5')	H233206-06	Soil	20-Jun-23 11:20	20-Jun-23 16:18
CS - 38 (4')	H233206-07	Soil	20-Jun-23 11:22	20-Jun-23 16:18

06/26/23 - Client changed the sample ID on -01 (see COC). This is the revised report and will replace the one sent on 06/22/23.

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SU MIDLAND TX, 79706	TRADEWINDS BLVD. SUITE C				otillo 6-3 253 Ky haskei	Reported: 26-Jun-23 09:04				
			SW - 20 H2332	A (2.5 206-01 (So	<i>,</i>					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	240		16.0	mg/kg	4	3062115	AC	21-Jun-23	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3062103	MS	22-Jun-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3062103	MS	22-Jun-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3062103	MS	22-Jun-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3062103	MS	22-Jun-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3062103	MS	22-Jun-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			102 %	71.5	-134	3062103	MS	22-Jun-23	8021B	
Petroleum Hydrocarbons by GO	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3062110	MS	21-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3062110	MS	21-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3062110	MS	21-Jun-23	8015B	
Surrogate: 1-Chlorooctane			91.9%	48.2	-134	3062110	MS	21-Jun-23	8015B	
Surrogate: 1-Chlorooctadecane			99.3 %	49.1	-148	3062110	MS	21-Jun-23	8015B	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706			Project Num Project Mana	ber: 237			om wcb	Reported: 26-Jun-23 09:04			
				(1.5'-2 206-02 (Se	<i>,</i>						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes	
			Cardina	l Laborat	tories						
<u>Inorganic Compounds</u> Chloride	112		16.0	mg/kg	4	3062115	AC	21-Jun-23	4500-Cl-B		
Volatile Organic Compound	s by EPA Method 80	021									
Benzene*	< 0.050		0.050	mg/kg	50	3062103	MS	22-Jun-23	8021B		
Toluene*	< 0.050		0.050	mg/kg	50	3062103	MS	22-Jun-23	8021B		
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3062103	MS	22-Jun-23	8021B		
Total Xylenes*	< 0.150		0.150	mg/kg	50	3062103	MS	22-Jun-23	8021B		
Total BTEX	< 0.300		0.300	mg/kg	50	3062103	MS	22-Jun-23	8021B		
Surrogate: 4-Bromofluorobenzene (P.	ID)		103 %	71.5	-134	3062103	MS	22-Jun-23	8021B		
Petroleum Hydrocarbons by	GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3062110	MS	21-Jun-23	8015B		
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3062110	MS	21-Jun-23	8015B		
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3062110	MS	21-Jun-23	8015B		
Surrogate: 1-Chlorooctane			95.1 %	48.2	-134	3062110	MS	21-Jun-23	8015B		
Surrogate: 1-Chlorooctadecane			103 %	49.1	-148	3062110	MS	21-Jun-23	8015B		

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*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706	SUITE C		Project Num Project Mana	ber: 237		Reported: 26-Jun-23 09:04				
				4 (0'-2.	,					
			H233	206-03 (So	oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	400		16.0	mg/kg	4	3062115	AC	21-Jun-23	4500-Cl-B	
Volatile Organic Compound	s by EPA Method 8	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3062103	MS	22-Jun-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3062103	MS	22-Jun-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3062103	MS	22-Jun-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3062103	MS	22-Jun-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3062103	MS	22-Jun-23	8021B	
Surrogate: 4-Bromofluorobenzene (Ph	ID)		101 %	71.5	-134	3062103	MS	22-Jun-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3062110	MS	21-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3062110	MS	21-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3062110	MS	21-Jun-23	8015B	
Surrogate: 1-Chlorooctane			101 %	48.2	-134	3062110	MS	21-Jun-23	8015B	
Surrogate: 1-Chlorooctadecane			109 %	49.1-	-148	3062110	MS	21-Jun-23	8015B	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706	701 TRADEWINDS BLVD. SUITE C			ber: 237)tillo 6-3 253 Ky haskel		om wcb	Reported: 26-Jun-23 09:04			
				5 (0'-2 206-04 (Se	,						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes	
			Cardina	l Laborat	ories						
<u>Inorganic Compounds</u> Chloride	112		16.0	mg/kg	4	3062115	AC	21-Jun-23	4500-Cl-B		
Volatile Organic Compounds	s by EPA Method	8021									
Benzene*	< 0.050		0.050	mg/kg	50	3062103	MS	22-Jun-23	8021B		
Toluene*	< 0.050		0.050	mg/kg	50	3062103	MS	22-Jun-23	8021B		
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3062103	MS	22-Jun-23	8021B		
Total Xylenes*	< 0.150		0.150	mg/kg	50	3062103	MS	22-Jun-23	8021B		
Total BTEX	< 0.300		0.300	mg/kg	50	3062103	MS	22-Jun-23	8021B		
Surrogate: 4-Bromofluorobenzene (PI	D)		104 %	71.5	-134	3062103	MS	22-Jun-23	8021B		
Petroleum Hydrocarbons by	GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3062111	MS	21-Jun-23	8015B		
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3062111	MS	21-Jun-23	8015B		
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3062111	MS	21-Jun-23	8015B		
Surrogate: 1-Chlorooctane			94.1 %	48.2	-134	3062111	MS	21-Jun-23	8015B		
Surrogate: 1-Chlorooctadecane			94.2 %	49.1	-148	3062111	MS	21-Jun-23	8015B		

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706	1 TRADEWINDS BLVD. SUITE C			, iber: 237)tillo 6-3 253 Ky haskei	Reported: 26-Jun-23 09:04				
			SW - 15. H2332	A (.5'-2 206-05 (Se	,					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	112		16.0	mg/kg	4	3062115	AC	21-Jun-23	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method 802	1								
Benzene*	< 0.050		0.050	mg/kg	50	3062103	MS	22-Jun-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3062103	MS	22-Jun-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3062103	MS	22-Jun-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3062103	MS	22-Jun-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3062103	MS	22-Jun-23	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	D)		105 %	71.5	-134	3062103	MS	22-Jun-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3062111	MS	21-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3062111	MS	21-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3062111	MS	21-Jun-23	8015B	
Surrogate: 1-Chlorooctane			126 %	48.2	-134	3062111	MS	21-Jun-23	8015B	
Surrogate: 1-Chlorooctadecane			126 %	49.1	-148	3062111	MS	21-Jun-23	8015B	

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*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager


NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706	SUITE C		Project Num Project Mana	ber: 237			om wcb	2	Reported: 26-Jun-23 09:04		
				2B (2.5 206-06 (Sc	· ·						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes	
			Cardina	ıl Laborat	ories						
<u>Inorganic Compounds</u> Chloride	96.0		16.0	mg/kg	4	3062115	AC	21-Jun-23	4500-Cl-B		
Volatile Organic Compound	s by EPA Method 8	021									
Benzene*	< 0.050		0.050	mg/kg	50	3062103	MS	22-Jun-23	8021B		
Toluene*	< 0.050		0.050	mg/kg	50	3062103	MS	22-Jun-23	8021B		
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3062103	MS	22-Jun-23	8021B		
Total Xylenes*	< 0.150		0.150	mg/kg	50	3062103	MS	22-Jun-23	8021B		
Total BTEX	< 0.300		0.300	mg/kg	50	3062103	MS	22-Jun-23	8021B		
Surrogate: 4-Bromofluorobenzene (P.	ID)		102 %	71.5	-134	3062103	MS	22-Jun-23	8021B		
Petroleum Hydrocarbons by	GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3062111	MS	21-Jun-23	8015B		
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3062111	MS	21-Jun-23	8015B		
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3062111	MS	21-Jun-23	8015B		
Surrogate: 1-Chlorooctane			127 %	48.2	-134	3062111	MS	21-Jun-23	8015B		
Surrogate: 1-Chlorooctadecane			126 %	49.1	-148	3062111	MS	21-Jun-23	8015B		

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NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SU MIDLAND TX, 79706	JITE C		Project Num Project Mana	ber: 237			om wcb	2	Reported: 26-Jun-23 09:04		
				38 (4' 206-07 (Se	/						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes	
			Cardina	l Laborat	ories						
<u>Inorganic Compounds</u> Chloride	352		16.0	mg/kg	4	3062115	AC	21-Jun-23	4500-Cl-B		
Volatile Organic Compounds b	y EPA Method	8021									
Benzene*	< 0.050		0.050	mg/kg	50	3062103	MS	22-Jun-23	8021B		
Toluene*	< 0.050		0.050	mg/kg	50	3062103	MS	22-Jun-23	8021B		
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3062103	MS	22-Jun-23	8021B		
Total Xylenes*	< 0.150		0.150	mg/kg	50	3062103	MS	22-Jun-23	8021B		
Total BTEX	< 0.300		0.300	mg/kg	50	3062103	MS	22-Jun-23	8021B		
Surrogate: 4-Bromofluorobenzene (PID)			102 %	71.5	-134	3062103	MS	22-Jun-23	8021B		
Petroleum Hydrocarbons by G	C FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3062111	MS	21-Jun-23	8015B		
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3062111	MS	21-Jun-23	8015B		
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3062111	MS	21-Jun-23	8015B		
Surrogate: 1-Chlorooctane			94.5 %	48.2	-134	3062111	MS	21-Jun-23	8015B		
Surrogate: 1-Chlorooctadecane			95.5 %	49.1	-148	3062111	MS	21-Jun-23	8015B		

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

Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: Project Number: Project Manager: Fax To:		Reported: 26-Jun-23 09:04
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Inorganic Compounds - Quality Control

	Cardinal Laboratories										
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch 3062115 - 1:4 DI Water											
Blank (3062115-BLK1)	Prepared & Analyzed: 21-Jun-23										
Chloride	ND	16.0	mg/kg								
LCS (3062115-BS1)				Prepared &	Analyzed:	21-Jun-23					
Chloride	416	16.0	mg/kg	400		104	80-120				
LCS Dup (3062115-BSD1)				Prepared &	Analyzed:	21-Jun-23					
Chloride	432	16.0	mg/kg	400		108	80-120	3.77	20		

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Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: Project Number: Project Manager: Fax To:		Reported: 26-Jun-23 09:04
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Volatile Organic Compounds by EPA Method 8021 - Quality Control

aboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 3062103 - Volatiles										
Blank (3062103-BLK1)				Prepared &	analyzed:	21-Jun-23				
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0519		mg/kg	0.0500		104	71.5-134			
LCS (3062103-BS1)				Prepared &	analyzed:	21-Jun-23				
Benzene	2.11	0.050	mg/kg	2.00		105	82.8-130			
Toluene	1.98	0.050	mg/kg	2.00		99.0	86-128			
Ethylbenzene	1.98	0.050	mg/kg	2.00		99.1	85.9-128			
m,p-Xylene	4.07	0.100	mg/kg	4.00		102	89-129			
o-Xylene	1.96	0.050	mg/kg	2.00		98.1	86.1-125			
Total Xylenes	6.03	0.150	mg/kg	6.00		101	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0512		mg/kg	0.0500		102	71.5-134			
LCS Dup (3062103-BSD1)				Prepared &	analyzed:	21-Jun-23				
Benzene	2.05	0.050	mg/kg	2.00		103	82.8-130	2.66	15.8	
Toluene	1.92	0.050	mg/kg	2.00		96.1	86-128	2.93	15.9	
Ethylbenzene	1.95	0.050	mg/kg	2.00		97.4	85.9-128	1.73	16	
m,p-Xylene	4.00	0.100	mg/kg	4.00		100	89-129	1.72	16.2	
o-Xylene	1.95	0.050	mg/kg	2.00		97.6	86.1-125	0.481	16.7	
Total Xylenes	5.95	0.150	mg/kg	6.00		99.2	88.2-128	1.31	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0518		mg/kg	0.0500		104	71.5-134			

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: Project Number: Project Manager: Fax To:		Reported: 26-Jun-23 09:04	
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Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal	Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3062110 - General Prep - Organics										
Blank (3062110-BLK1)				Prepared &	Analyzed:	21-Jun-23				
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	41.2		mg/kg	49.6		83.1	48.2-134			
Surrogate: 1-Chlorooctadecane	45.0		mg/kg	50.0		90.0	49.1-148			
LCS (3062110-BS1)				Prepared &	Analyzed:	21-Jun-23				
GRO C6-C10	173	10.0	mg/kg	200		86.3	78.5-124			
DRO >C10-C28	162	10.0	mg/kg	200		81.0	72.5-126			
Total TPH C6-C28	335	10.0	mg/kg	400		83.6	77.6-123			
Surrogate: 1-Chlorooctane	45.5		mg/kg	49.6		91.8	48.2-134			
Surrogate: 1-Chlorooctadecane	50.9		mg/kg	50.0		102	49.1-148			
LCS Dup (3062110-BSD1)				Prepared &	Analyzed:	21-Jun-23				
GRO C6-C10	167	10.0	mg/kg	200		83.6	78.5-124	3.25	17.7	
DRO >C10-C28	154	10.0	mg/kg	200		77.0	72.5-126	5.05	21	
Total TPH C6-C28	321	10.0	mg/kg	400		80.3	77.6-123	4.12	18.5	
Surrogate: 1-Chlorooctane	44.3		mg/kg	49.6		89.4	48.2-134			
Surrogate: 1-Chlorooctadecane	47.0		mg/kg	50.0		94.0	49.1-148			

Prepared & Analyzed: 21-Jun-23 Blank (3062111-BLK1) GRO C6-C10 ND 10.0 mg/kg DRO >C10-C28 ND 10.0mg/kg EXT DRO >C28-C36 ND 10.0 mg/kg Surrogate: 1-Chlorooctane 39.7 49.6 80.2 48.2-134 mg/kg Surrogate: 1-Chlorooctadecane 40.3 50.0 80.5 49.1-148 mg/kg

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NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: Project Number: Project Manager: Fax To:		Reported: 26-Jun-23 09:04
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Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 3062111 - General Prep - Organics										
LCS (3062111-BS1)				Prepared &	Analyzed:	21-Jun-23				
GRO C6-C10	168	10.0	mg/kg	200		84.1	78.5-124			
DRO >C10-C28	146	10.0	mg/kg	200		73.0	72.5-126			
Total TPH C6-C28	314	10.0	mg/kg	400		78.6	77.6-123			
Surrogate: 1-Chlorooctane	43.0		mg/kg	49.6		86.7	48.2-134			
Surrogate: 1-Chlorooctadecane	45.7		mg/kg	50.0		91.4	49.1-148			
LCS Dup (3062111-BSD1)				Prepared &	z Analyzed:	21-Jun-23				
GRO C6-C10	172	10.0	mg/kg	200		85.8	78.5-124	2.06	17.7	
DRO >C10-C28	156	10.0	mg/kg	200		78.2	72.5-126	6.77	21	
Total TPH C6-C28	328	10.0	mg/kg	400		82.0	77.6-123	4.27	18.5	
Surrogate: 1-Chlorooctane	43.4		mg/kg	49.6		87.5	48.2-134			
Surrogate: 1-Chlorooctadecane	41.8		mg/kg	50.0		83.6	49.1-148			

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Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

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Series and	Neceived by. (Signature)	Relinquished by: (Signature)	Time	Date/Time		t by: (Signature)	Received by:	A	Relinquished by: (Signature)	Relinquished
Date/Time	Descrived by: (Signature)		and a second second	Velloo, per lio	or commons aidure	charge of \$5 for each	project and a	be applied to each	charge of \$85.00 will	of Xenco. A minimum
	he control ted.	Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subconstances, it assigns and concurrent and relinquishment of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstance beyond the control 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 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 set terms will be enforced unless previously negotiated.	ts affiliates and si red by the client if analyzed. These	any to Xenco, i xpenses incun Xenco but no	ler from client comp y for any losses or e	es a valid purchase on sume any responsibilit	ples constitut d shall not as	nquishment of sam cost of samples an	his document and relibe liable only for the	Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It is a supported by the client is such losses are client or supported by the client is such losses are client or supported by the client is such losses are client or supported by the client is such losses are client or supported by the client is such losses are client or supported by the client is such losses or expenses increases increases are client or supported by the client is such losses are client or supported by the client is such losses are client or supported by the client is such losses or expenses increases in the client of the client or supported by the client is such as a support of the client of the
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			Shand reion on	Ray	charles.	TIN ON	MOR	ž	Additional Comments:	. 11
				-						
			>	-	Comp	×	11:22	6/20/2023	CS-38 (4")	CS-3
			+	-	Comp	×	11:20	6/20/2023	CS-22B (2.5')	CS-22
			+	-	Comp	×	11:18	6/20/2023	SW-15A (.5'-2.5')	SW-15A
			+	+	Comp	×	11:16	6/20/2023	SW-25 (0'-2.5')	SW-25
			××	1 ×	Comp	×	11:14	6/20/2023	SW-24 (0'-2.5')	SW-24
			x x	1 x	Comp	×	11:12	-	SW-23 (1.5'-2.5')	SW-23 (
			x x	1 ×	Comp	×	11:10	6/20/2023	SW-20A (0-2.5) 2,5'-4'	SW-204
sample comments	Samp		+	Cont	Comp	Soil Water	Time	as-a3Date	Sample Identification St. 35-33 Date	Sample Id
			PH 8		+	Corrected Temperature:	Corrected	30	_	Total Containers:
NaOH+Ascorbic Acid: SAPC	NaOH+Ascor		_		24	e Reading:	Temperature Reading:		als: Yes	Sample Custody Seals:
aOH: Zn	Zn Acetate+NaOH: Zn				0.60	Factor:	Correction Factor	No		Cooler Custody Seals:
SO3	H Na ₂ S ₂ O ₃ NaSO ₃			_		er ID:	Thermometer ID:	es	R	Received Intact:
SIS			+ DF	ame 0218	Yes No	t loe:	Yes NO	Temp Blank:		SAMPLE RECEIPT
	H-PO, HP		_			in and in terms				PO #
NaOH: Na	H ₂ SO ₄ ; H ₂		MR	4) 	ceived by the 4:30pm	TAT starts the day received by the lab. if received by 4:30pm		Kenny Han		Sampler's Name:
HNO3: HN	HCL: HC		0)		BANK	Due Date: 3		Eddy Co, New Mexico	Eddy (Project Location
Mool- Mo	Noire, NO			ode		- Routine		237253		Project Number:
Preservative codes	None NO	ANALYSIS REQUEST	-	Mr. 4 222	ndo	Turn Around	B #002H	Ocotillo 6 31 State Com WCB #002H	Ocotillo 6 31 S	Project Name:
			3	I B	to	Email: cmartin@earth			432-766-1918	Phone:
en	ADaPT Oth	Deliverable	Midland TX, 79701	Midia	City, State ZIP:	City		9701	Midland TX, 79701	City, State ZIP:
TRD LL			600 N. Marienteid, Suite Tuvu	500 N	ess:	Address		Is Blvd.	701 Tradewinds Blvd	Address:
			Earthstone Operating LLC	Earth	Company Name:	Corr		lental	NTG Environmental	Company Name:
RIC Supe	Program: IIST/PS PR Brownfiel's				DIII to, (II dilicicity)				Becky Haskell	Project Manager:
	Work Order Comments		Chris Martin	Chris	· lif different)	D:II +				
Page 1	Page							2 10	ENVIRONMENTAL	C
P	Work Order No: H23320()
		dy	Chain of Custody	ain of	Ch					



June 15, 2023

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

RE: OCOTILLO 6-31 STATE COM

Enclosed are the results of analyses for samples received by the laboratory on 06/12/23 13:35.

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.

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. Keine

Celey D. Keene Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	06/12/2023	Sampling Date:	06/09/2023
Reported:	06/15/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253 (WCB #002H)	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: DH - 1 (0'-0.5') (H232986-01)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/13/2023	ND	2.22	111	2.00	4.61	
Toluene*	<0.050	0.050	06/13/2023	ND	2.17	109	2.00	5.71	
Ethylbenzene*	<0.050	0.050	06/13/2023	ND	2.15	107	2.00	4.30	
Total Xylenes*	<0.150	0.150	06/13/2023	ND	6.53	109	6.00	4.07	
Total BTEX	<0.300	0.300	06/13/2023	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	32.0	16.0	06/13/2023	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	06/13/2023	ND	158	78.8	200	26.6	
DRO >C10-C28*	<10.0	10.0	06/13/2023	ND	166	83.2	200	24.2	
EXT DRO >C28-C36	<10.0	10.0	06/13/2023	ND					
Surrogate: 1-Chlorooctane	94.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.3	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	06/12/2023	Sampling Date:	06/09/2023
Reported:	06/15/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253 (WCB #002H)	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: DH - 2 (0'-0.5') (H232986-02)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/13/2023	ND	2.22	111	2.00	4.61	
Toluene*	<0.050	0.050	06/13/2023	ND	2.17	109	2.00	5.71	
Ethylbenzene*	<0.050	0.050	06/13/2023	ND	2.15	107	2.00	4.30	
Total Xylenes*	<0.150	0.150	06/13/2023	ND	6.53	109	6.00	4.07	
Total BTEX	<0.300	0.300	06/13/2023	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	32.0	16.0	06/13/2023	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	06/13/2023	ND	158	78.8	200	26.6	
DRO >C10-C28*	<10.0	10.0	06/13/2023	ND	166	83.2	200	24.2	
EXT DRO >C28-C36	<10.0	10.0	06/13/2023	ND					
Surrogate: 1-Chlorooctane	89.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.5	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	06/12/2023	Sampling Date:	06/09/2023
Reported:	06/15/2023	Sampling Type:	Soil
Project Name:	OCOTILLO 6-31 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	237253 (WCB #002H)	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - EDDY COUNTY		

Sample ID: DH - 3 (0'-0.5') (H232986-03)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/13/2023	ND	2.22	111	2.00	4.61	
Toluene*	<0.050	0.050	06/13/2023	ND	2.17	109	2.00	5.71	
Ethylbenzene*	<0.050	0.050	06/13/2023	ND	2.15	107	2.00	4.30	
Total Xylenes*	<0.150	0.150	06/13/2023	ND	6.53	109	6.00	4.07	
Total BTEX	<0.300	0.300	06/13/2023	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	<16.0	16.0	06/13/2023	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	06/13/2023	ND	158	78.8	200	26.6	
DRO >C10-C28*	<10.0	10.0	06/13/2023	ND	166	83.2	200	24.2	
EXT DRO >C28-C36	<10.0	10.0	06/13/2023	ND					
Surrogate: 1-Chlorooctane	76.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.8	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

QR-04	The RPD for the BS/BSD was outside of historical limits.
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 SM4500CI-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

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Page 230 of 231

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gnature)		rent and relinquishment of sa only for the cost of samples f \$85.00 will be applied to eac	Additional Comments:) 6/9/2023) 6/9/2023) 6/9/2023			2	No	Yes NO NIA	Yes No	Temp Blank:		Kenny Han	Eddy Co, New Mexico	237253	Ocotilio 6 31 State Com WCB #002H		432-766-1918	Midland TX, 79701	701 Tradewinds Blvd.	NTG Environmental	Becky Haskell	
Received b		imples constitutes ; and shall not assum th project and a cha								3 11:40	3 11:35	3 11:30	-		Compared T.	Temperature Reading:	Correction Factor:	Thermometer ID:	Yes No					WCB #002H							
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 \$55.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated. Relinquished by: (Signature) Received by: (Signature) Date/Time Relinquished by: (Signature) Received by: (Signature) 1. Kenny Han 1. Kenny Han 1. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4.								×	×	×	Soil	emperature:		e Reading:	actor:	er ID:	Wet Ice:	lab, if receiv	TAT starts the d	Due Date:	-/ Routine	Turn		Email:							
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C 2 Relin	i nese terms wil	and subcontrac lient if such los			_	+	-			×	×	×			_	Chl	orid	le 45	500	_	_						79701	600 N. Marienfeld, Suite 1000	Earthstone Operating LLC		
quished by: (contractors. It assigns standard tem uch losses are due to circumstances to ms will be enforced unless previously Relinquished by: (Signature)					-	_									_	_				_			ANALYS				1000	LC		
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e)													Sample	NaOH+Ascorbic Acid: SAPC	Zn Acetate+NaOH: Zn	Na22203 NASU3	No CO NoCO	NaHSO - NAR	H. PO HP	H,S0.: H,	HCL: HC	Cool: Cool	None: NO	Preserv			PST/UIT		Brownfiel s	Comments	-aye
Date/Time													Sample Comments	vic Acid: SAPC	aOH: Zn	03	000		INCOLL INC	NaOH: Na	HNO, HN	MeOH: Me	DI Water: H ₂ O	Preservative Codes	ġ.	Ć	TRD		RCS		
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Received by OCD: 8/8/2023 12:00:25 AM

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

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3470 Fax: (505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS

Operator:	OGRID:
Earthstone Operating, LLC	331165
300 N. Marienfeld St Ste 1000	Action Number:
Midland, TX 79701	248851
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	Final remediation and reclamation/revegetation shall take place in accordance with 19.15.29.12 and 19.15.29.13 NMAC once the site is no longer being used for oil and gas operations.	2/14/2024

Action 248851