

Volume calculator

There was no volume calculator prepared when the spill occurred.



209 W. McKay Street
Carlsbad, New Mexico 88220
Tel. 432-701-2159
www.ntgenvironmental.com

January 10, 2024

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

**Re: Closure Request
Trionyx 6 Fed 5H
Unit O, S6, T25S, R32E
Site Coordinates: 32.152576590387, -103.713316335273
Lea County, New Mexico
Incident ID: nKJ1517548438**

Mr. Bratcher:

On behalf of Devon Energy Production Company (Devon), New Tech Global Environmental, LLC (NTGE) has prepared this letter to document site assessment and remedial action activities at Trionyx 6 Fed 5H (Site). The Site is located approximately 22.5 miles west of Loving, New Mexico in Lea County (Figures 1 and 2).

Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on June 17th, 2015. The release was a result of an equipment failure causing the transfer line to be uncoupled. This resulted in the release of approximately 75 barrels (bbls) of produced water of which 2 bbls were recovered for a net loss of 73 bbls of produced water. Upon discovery, the equipment was shut-in, and area was secured. The release area is shown in Figure 3. The initial C-141 form is attached.

Site Characterization

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers (NMOSE) and USGS databases, there is one known water source within a ½-mile radius of the Site. The nearest identified well is located 0.1 miles southwest of the site in, Sec 7 T25S R32E and was drilled in 2022 to a reported depth of 55 feet below ground surface (ft bgs) with no groundwater encountered. No other receptors (playas, wetlands, waterways, lakebeds, or ordinance boundaries) are located within each specific boundary or distance from the Site. A copy of the site characterization information and the associated NMOSE summary report is attached.

Regulatory Criteria

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

Mr. Mike Bratcher
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General Site Characterization and Groundwater:

Site Characterization	Average Groundwater Depth (ft)
Low Karst	>55

Table 3.1 Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29.12 & 19.15.29.13)

Regulatory Standard	Chloride	TPH (GRO+DRO+MRO)	TPH (GRO+DRO)	BTEX	Benzene
19.15.29.13 Restoration, Reclamation and Re-Vegetation (Impacted Area 0-4 Feet)	600 mg/kg	100 mg/kg	---	50 mg/kg	10 mg/kg
19.15.23.12 Remediation and Closure Criteria for Soils Impacted by a Release (>4 Feet)	10,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg
Notes: --- = not defined					

Site Assessment

On June 15th, 2023, NTGE conducted site assessment activities to assess the vertical extent of impacts at the Site. A total of four (4) vertical sample points (V-1 through V-4) and eight (8) horizontal sample points (H-1 through H-8) were installed within the release area to characterize the impacts. Soil samples were collected in 0.5-to-1-foot (ft) intervals from depths ranging from 0 – 4.5 ft bgs with a geotechnical hand auger. The hand auger was decontaminated with Alconox and deionized water between soil borings to prevent cross-contamination. Sample locations are shown on Figure 3.

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

Analytical results identified elevated chloride and TPH concentrations across the release area in the areas of V-2 through V-4 at depths of 1 – 3.5 ft bgs. Laboratory reports containing analytical methods and chain-of-custody documents are attached. Analytical results indicated these samples to be below NMOCD regulatory criterion. Analytical results for all delineation samples are presented in Table 1.

Remedial Action Activities and Confirmation Sampling

Based on the analytical results, Devon proceeded with the remedial actions at the Site to include the excavation and disposal of impacted soils above the regulatory limits. The areas of V-2 through V-4 were excavated to a depth of 4 ft bgs,

On October 2nd, 2023, and October 4th, 2023, NTGE was on site to conduct confirmation sampling event. A total of thirty-three (33) composite confirmation samples were collected from the excavation base (CS-1 through CS-33) and fifteen (15) composite confirmation samples were collected from the excavation sidewalls (SW-1 through SW-15) to ensure impacted soil was removed.

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

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The confirmation samples were collected every 200 square feet and analyzed for TPH (EPA method 8015 modified), BTEX (EPA Method 8021B), and chloride (method SM4500Cl-B). Following receipt of the analytical results, analytical results indicated that eleven (11) composite confirmation excavation base and side wall samples (CS-3, SW-1, SW-2, SW-5, SW-7, SW-9 through SW-13, SW-15) were above NMOCD regulatory criterion for chloride concentrations.

As a result, the impacted area CS-3 was excavated further down to 5 ft bgs. Areas of side wall confirmation samples above Table I, Closure Criteria were horizontally expanded. On October 16th, 2023, new five (5) composite confirmation base samples (CS-3, CS-36 to CS-39) along with fourteen (14) confirmation sidewall samples (SW-1A, SW-2A, SW-5A, SW-7A, SW-9A through SW-13A, SW-15A, SW-16 through SW-19) were collected from vertically and horizontally expanded areas of the excavation. The confirmation samples were collected every 200 square feet in accordance with the regulatory guidelines and analyzed for TPH (EPA method 8015 modified), BTEX (EPA Method 8021B), and chloride (method SM4500Cl-B). Analytical results indicated that eleven (11) wall confirmation samples (SW-1A, SW-5A, SW-7A, SW-9A through SW-12A, SW-15A, SW-16, SW-17 and SW-19) were above NMOCD regulatory criterion for chloride concentrations.

As a result, the excavation was expanded horizontally. On October 24th, 2023, NTGE collected new side wall confirmation samples from the horizontally extended excavation. Analytical results indicated that all eleven (11) samples (SW-1B, SW-5B, SW-7B, SW-9B through SW-12B, SW-15B, SW-16A, SW-17A and SW-19A) were below NMOCD regulatory criterion for the Site.

Closure Request

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

Sincerely,
NTG Environmental



Ethan Sessums
Project Manager



Dmitry Nikanorov
Project Scientist

Attachments:

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

SAMPLING NOTIFICATIONS

From: [Kellan Smith](#)
To: [Enviro, OCD, EMNRD](#)
Cc: [NTG Env Carlsbad](#)
Subject: Sampling Notification - nKJ1517548438
Date: Thursday, September 28, 2023 9:06:36 AM

NTG Environmental, on behalf of Devon Energy Production Company, will be conducting confirmation sampling activities Monday, October 2nd, 2023, at around 10 a.m. MDT regarding the Trionyx 6 Fed 5H.

Incident ID: nKJ1517548438

Thanks!

Kellan Smith
Project Scientist
NTG Environmental
209 W McKay, Carlsbad, NM 88220
W: (832) 374-0004 P: (580) 682-1889
Email: ksmith@ntglobal.com

From: [Ethan Sessums](#)
To: [Enviro, OCD, EMNRD](#)
Cc: [NTG Env Carlsbad](#)
Subject: Sampling Notification
Date: Monday, October 2, 2023 1:36:18 PM
Attachments: [image001.png](#)

NTGE on behalf of DEVON ENERGY PRODUCTION COMPANY will be conducting confirmation sampling event on Wednesday October the 4th around 2 p.m. MDT persisting until Friday the 6th close of business.

nKJ1517548438	Trionyx 6 Fed 5
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Ethan Sessums
Project Manager
NTG Environmental New Mexico
209 W McKay St, Carlsbad, NM 88220
M: 254-266-5456 W: 432-701-2159
Email: esessums@ntglobal.com
<http://www.ntgenvironmental.com/>



From: [Ethan Sessums](#)
To: [Enviro, OCD, EMNRD](#)
Cc: [NTG Env Carlsbad](#)
Subject: Sampling Notification
Date: Thursday, October 12, 2023 9:40:57 AM
Attachments: [image001.png](#)

NTG Environmental, on behalf of Devon Energy Production Company, will be conducting confirmation sampling activities Monday, October 16th, 2023, at around 11 a.m. MDT regarding the Trionyx 6 Fed 5H.

Incident ID: nKJ1517548438

Thanks!

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



From: [Ethan Sessums](#)
To: [Enviro. OCD, EMNRD](#)
Cc: [NTG Env Carlsbad](#)
Subject: Sampling Notification
Date: Thursday, October 19, 2023 12:58:42 PM
Attachments: [image001.png](#)

NTGE on behalf of DEVON will be conducting confirmation sampling the entire week of the 23rd starting at 2 p.m. MDT and ending close of business Friday the 27th.

nKJ1517548438	Trionyx 6 Fed 5
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Ethan Sessums
Project Manager
NTG Environmental New Mexico
209 W McKay St, Carlsbad, NM 88220
M: 254-266-5456 W: 432-701-2159
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INITIAL AND FINAL C-141

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

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

Form C-141
Revised August 8, 2011

Submit 1 Copy to appropriate District Office in
accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company: Devon Energy Production Co LP (6137)	Contact: Jeff Heath
Address: PO Box 250 Artesia, NM 88211	Telephone No. 575- 513-2274
Facility Name: Trionyx 6 Fed 5H	Facility Type : Pasture

Surface Owner: Federal	Mineral Owner: Federal	API No. 30-025-40045
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LOCATION OF RELEASE

Unit Letter O	Section 6	Township 25S	Range 32E	Feet from the 200	North/South Line South	Feet from the 2310	East/West Line East	County Lea
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Latitude: **32.152576590387** Longitude: **103.713316335273**

NATURE OF RELEASE

Type of Release: Produced Water	Volume of Release: 75 bbls	Volume Recovered: 2 bbls
Source of Release: Lay Flat Water Transfer Line	Date and Hour of Occurrence 6/17/15, 3:30 PM	Date and Hour of Discovery 6/17/15, 3:30 PM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? OCD- Thomas Obering BLM- Jim Amos	
By Whom? Jeff Heath, Devon Foreman	Date and Hour: 6/17/15, 7:30 PM	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. N/A	

If a Watercourse was Impacted, Describe Fully.*

N/A

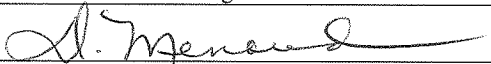
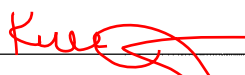
Describe Cause of Problem and Remedial Action Taken.*

Raging Bull employee started to transfer produced water from the Trionyx 6 Fed 5H location's water treating facility before he had driven and inspected the lay flat line. The line was uncoupled which caused the spill on the north side of the lease.

Describe Area Affected and Cleanup Action Taken.*

The spill occurred off location in the pasture in an area approximately 22,591 square feet. A vacuum truck was able to recover 2 barrels of the produced water. Talon will take soil samples and prepare a remediation plan.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

Signature: 	OIL CONSERVATION DIVISION	
Printed Name: Denise Menoud	Approved by Environmental Specialist: 	
Title: Field Admin Support	Approval Date: 06/24/2015	Expiration Date: 09/24/2015
E-mail Address: Denise.Menoud@dmn.com	Conditions of Approval: Site samples required. Delineate and remediate as per MNOCD guides. Geotag photographs of remediation required.	Attached <input type="checkbox"/> 6137 IRP-3689
Date: 6/18/2015 Phone: 575-746-5544		

* Attach Additional Sheets If Necessary

RECEIVED

By OCD District 1 at 11:39 am, Jun 24, 2015

pKJ1517548866
nKJ1517548438

6-25S-32E
SWSE

Trionyx 8 Fed GH

Spill

7-25S-32E
NWNE

Devon GIS Mapping



Disclaimer: This plat is for illustrative purposes only and is neither a legally recorded map nor a survey and is not intended to be used as one.

Scale: 1:2,257

Date Printed: 6/19/2015 10:09:08 AM

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	nKJ1517548438
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	Devon Energy Production Company	OGRID	6137
Contact Name	Dale Woodall	Contact Telephone	575-748-1838
Contact email	dale.woodall@dvn.com	Incident # (assigned by OCD)	nKJ1517548438
Contact mailing address	205 E. Bender Road # 150; Hobbs, NM 88240		

Location of Release Source

Latitude 32.1525841 Longitude -103.7132797
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	TRIONYX 6 FEDERAL #005H	Site Type	OIL
Date Release Discovered	06/17/2015	API# (if applicable)	30-025-40045

Unit Letter	Section	Township	Range	County
O	6	25S	32E	Lea

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

Nature and Volume of Release

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

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 75 bbls	Volume Recovered (bbls) 2 bbls
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

Human Error. 1RP-3690; Ragin Bull employee started to transfer PW from Trinoyx water treating facility before he had driven and inspected the lay flat line. Line was uncoupled which caused the spill.

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Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? Yes, more than 25 BBLs
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Yes, by Jeff Heath, Devon Foreman to OCD – Thomas Obering and BLM – Jim Amos on 6/17/15 7:30 PM, by phone	

Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why: 	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
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: <u>Dale Woodall</u>	Title: <u>Env. Professional</u>
Signature: _____	Date: <u>01/09/2024</u>
email: <u>dale.woodall@dvn.com</u>	Telephone: <u>575-748-1838</u>
<u>OCD Only</u> Received by: _____ Date: _____	

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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?	<u>51-100</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

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

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

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

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

State of New Mexico
Oil Conservation Division

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

Printed Name: ___Dale Woodall_____ Title: _____Env. Professional_____

Signature: _____ Date: ___01/09/2024_____

email: _____dale.woodall@dm.com_____ Telephone: __575-748-1838_____

OCD Only

Received by: _____ Date: _____

Incident ID	nKJ1517548438
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Facility ID	
Application ID	

Remediation Plan

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

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

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

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

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

Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

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

Signature: _____ Date: _____

Incident ID	nKJ1517548438
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Application ID	

Closure

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

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

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

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

Printed Name: Dale Woodall Title: Env. Professional

Signature: _____ Date: 01/09/2024

email: dale.woodall@dvn.com Telephone: 575-748-1838

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

SITE CHARACTERIZATION INFORMATION

NMOCD Closure Criteria

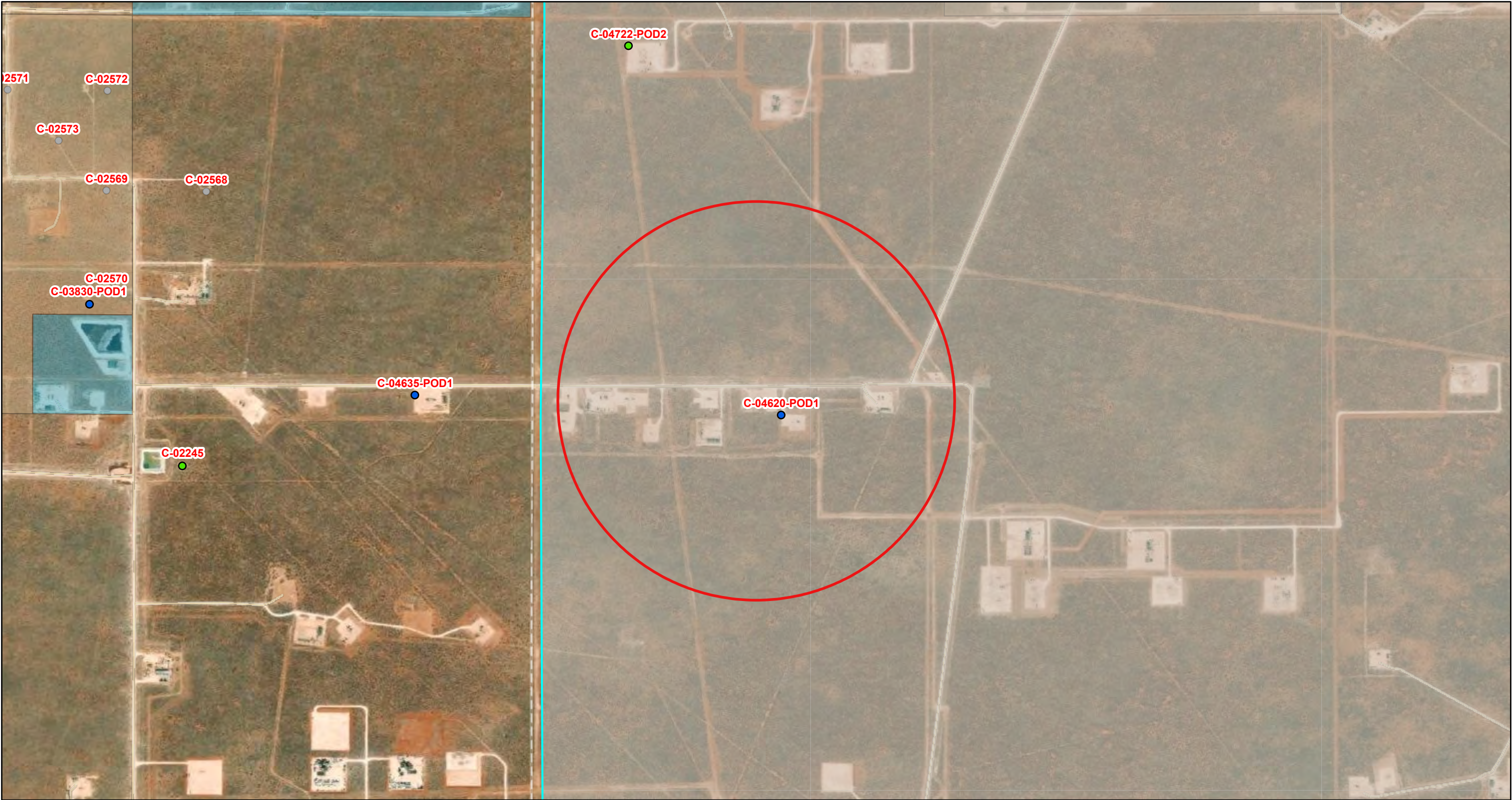
Trionyx 6 Fed 5

Site Information (19.15.29.11.A (2,3, & 4) NMAC)		Source/Notes
Depth to Groundwater (ft bgs)	55	Office of the State Engineer (OSE)
Horizontal Distance from All Water Sources Within 0.5 mile (ft)	N/A	National Wetlands Inventory (NWS)
Horizontal Distance to Nearest Significant Watercourse (ft)	N/A	National Wetlands Inventory (NWS)

Closure Criteria (19.15.29.12.B(4) and Table 1 NMAC)						
Depth to Groundwater (ft)		Closure Criteria (mg/kg)				
		Chloride*	TPH	GRO + DRO	BTEX	Benzene
< 50		600	100	--	50	10
51 - 100	x	10,000	2,500	1,000	50	10
>100		20,000	2,500	1,000	50	10
Surface Water	Yes/No	in yes, then				
<300 ft from a continuously flowing watercourse or other significant watercourse?	No	600	100		50	10
<200 ft from a lakebed, sinkhole, or playa lake?	No					
Water Well or Water Source						
<500 ft from a spring or a private, domestic fresh waster well used by less that 5 households for domestic or livestock purposes?	No					
<1,000 ft from a fresh water well or spring?	No					
Human and Other Area						
<300 ft from an occupied permanent residence, school, hospital, institution or church?	No					
Within incorporated municipal boundaries or within a defined municipal fresh water well field?	No					
<100 ft from a wetland?	No					
Within an area overlying a subsurface mine?	No					
Within an unstable area?	No					
Within a 100 yr floodplain?	No					

* - numerical limit or background, whichever is greater

OSE POD Locations Map



6/14/2023, 4:05:32 PM

Override 1

GIS WATERS PODs

Active

Pending

OSE District Boundary

Water Right Regulations

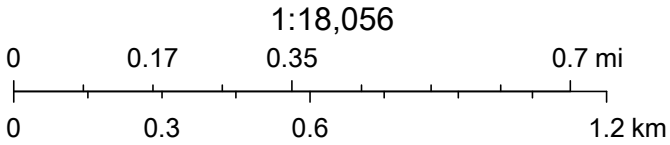
Closure Area

New Mexico State Trust Lands

Subsurface Estate

Both Estates

SiteBoundaries



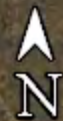
Esri, HERE, iPC, U.S. Department of Energy Office of Legacy Management, Esri, HERE, Garmin, iPC, Maxar

Trionyx 6 Federal #005H

Depth To Water Boring Location Map

Legend

- 0.5 Mile Radius
- C-04620-POD1
- Trionyx 6 Federal #005H





WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

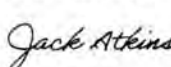
www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD 1 (TW-1)		WELL TAG ID NO. N/A		OSE FILE NO(S). C-4620			
	WELL OWNER NAME(S) Devon Energy				PHONE (OPTIONAL) 575-748-1838			
	WELL OWNER MAILING ADDRESS 6488 7 Rivers Hwy				CITY Artesia	STATE NM	ZIP 88210	
	WELL LOCATION (FROM GPS)	DEGREES 32	MINUTES 9	SECONDS 7.46	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND		
		LONGITUDE 103	42	43.84	W	* DATUM REQUIRED: WGS 84		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE NE NW NE Sec.7 T25S R32S NMPM								
2. DRILLING & CASING INFORMATION	LICENSE NO. 1249		NAME OF LICENSED DRILLER Jackie D. Atkins			NAME OF WELL DRILLING COMPANY Atkins Engineering Associates, Inc.		
	DRILLING STARTED 6/1/2022		DRILLING ENDED 6/1/2022		DEPTH OF COMPLETED WELL (FT) Temporary Well	BORE HOLE DEPTH (FT) ±55	DEPTH WATER FIRST ENCOUNTERED (FT) N/A	
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)					STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A	DATE STATIC MEASURED 6/6/2022	
	DRILLING FLUID: <input type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input checked="" type="checkbox"/> OTHER - SPECIFY: Hollow Stem Auger						CHECK HERE IF FITLESS ADAPTER IS INSTALLED <input type="checkbox"/>	
	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	55	±6.5	Boring-HSA	--	--	--	--
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 01/28/2022)

FILE NO.	C-4620	POD NO.	POD1	TRN NO.	725955
LOCATION	25S 32E 4 4.34	WELL TAG ID NO.	NA	PAGE 1 OF 2	

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	FROM	TO				
	0	6	6	Sand, Fine-grained, poorly graded, 2.5 YR 3/6, Dark Red	Y ✓ N	
	6	19	13	Sand, Fine-grained, poorly graded, unconsolidated, 7.5 YR 7/6, Reddish Yellow	Y ✓ N	
	29	55	36	Sand, Fine-grained, poorly graded, with Caliche, 7.5 YR 7.5/6, Brown	Y ✓ N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:					TOTAL ESTIMATED	
<input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER - SPECIFY:					WELL YIELD (gpm): 0.00	
5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.				
	MISCELLANEOUS INFORMATION: Temporary well material removed and soil boring backfilled using drill cuttings from total depth to ten feet below ground surface(bgs), then hydrated bentonite chips ten feet bgs to surface. 22 Cotton Draw Unit 252H <div style="text-align: right;">DSE DTT JUN 10 2022 AM 9:24</div>					
	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Shane Eldridge, Cameron Pruitt					
6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING: <div style="display: flex; justify-content: space-between; align-items: flex-end; margin-top: 20px;"> <div style="text-align: center;">  Jackie D. Atkins </div> <div style="text-align: right;"> 6/9/2022 DATE </div> </div> <div style="text-align: center; margin-top: 10px;">SIGNATURE OF DRILLER / PRINT SIGNEE NAME</div>					

FOR USE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 01/28/2022)	
FILE NO.	C-4720	POD NO.	POD1
LOCATION	255 329 in 4.3.4	TRN NO.	725955
		WELL TAG ID NO.	NA
			PAGE 2 OF 2

OCD Well Locations



1/8/2024, 9:05:10 AM

- OSE Water PODs

•

 Oil, Plugged

•

 Wells - Large Scale

•

 Gas, Plugged

•

 Oil, Active

•

 Oil, Cancelled

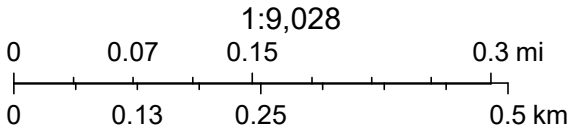
•

 Oil, New
- Karst Occurrence Potential

Low

PLSS Second Division

PLSS First Division



BLM, OCD, New Mexico Tech
Oil Conservation Division of the New Mexico Energy, Minerals and Natural Resources Department.
USGS
OCD

New Mexico Oil Conservation Division



Trionyx 6 Federal #005H



June 14, 2023

Wetlands_Alaska

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

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


- Lake
- Other
- Riverine


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


Trionyx 6 Federal #005H

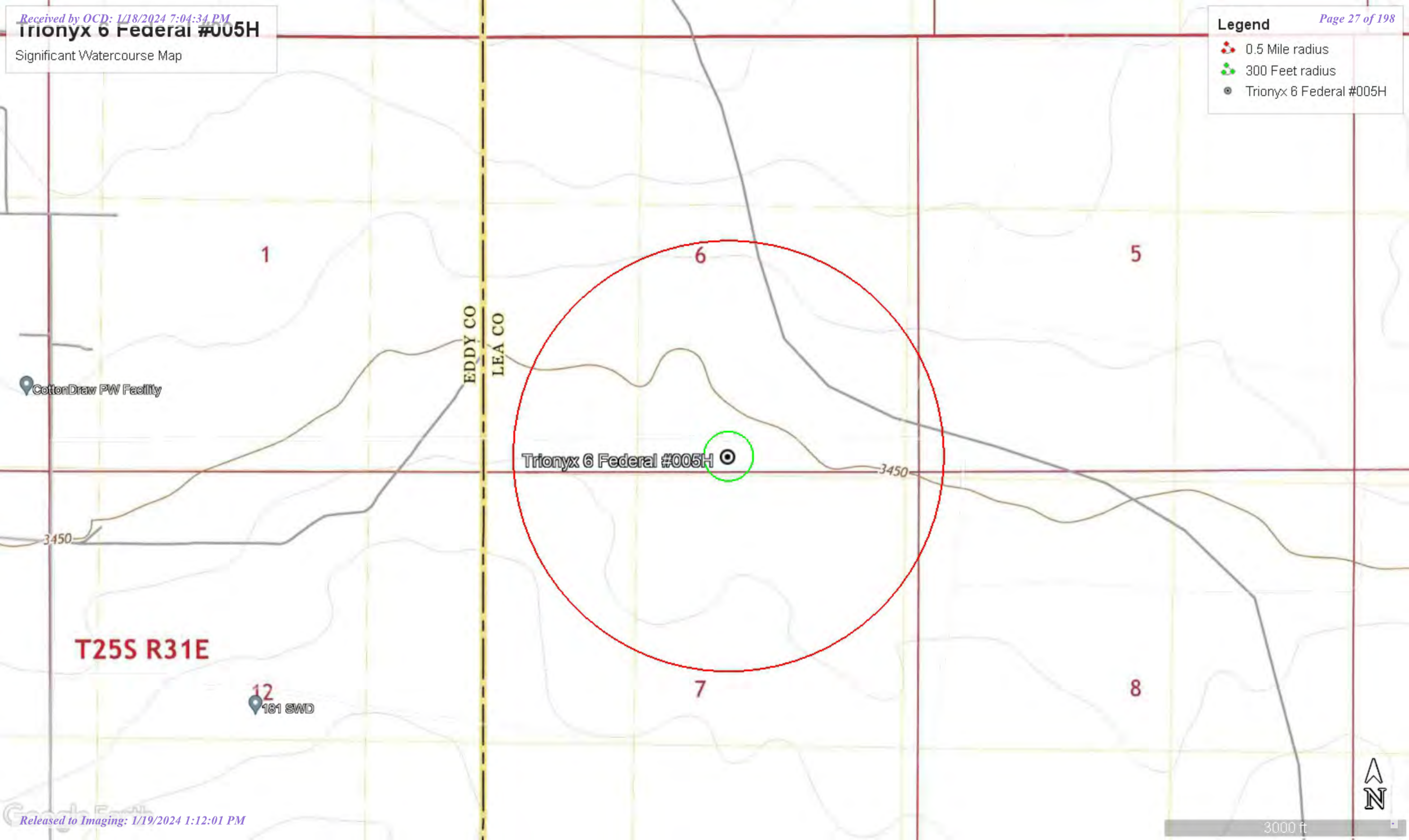
Significant Watercourse Map

Legend

 0.5 Mile radius

 300 Feet radius

 Trionyx 6 Federal #005H



National Flood Hazard Layer FIRMMette



103°43'7"W 32°9'25"N



Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 6/14/2023 at 3:46 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

TABLES

Table 1
Summary of Soil Analytical Data - Delineation Samples
Trionyx 6 Federal #005H
Devon Energy Production Company
Lea County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total TPH (C6-C35)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
			Table I Closure Criteria for Soil 51-100 feet Depth to Groundwater 19.15.29 NMAC										
10 mg/kg	---	---	---	50 mg/kg	---	---	1000 mg/kg	---	2500 mg/kg	10000 mg/kg			
Vertical Delineation Samples													
V-1	6/15/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
	6/15/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
	6/15/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
	6/15/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
	6/15/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	480
V-2	6/15/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
	6/15/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
	6/15/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	832
	6/15/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1800
	6/15/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1400
V-3	6/15/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
	6/15/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	624
	6/15/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1410
	6/15/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1230
	6/15/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	912
V-4	6/15/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
	6/15/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
	6/15/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
	6/15/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1120
	6/15/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1120
Horizontal Delineation Samples													
H-1	6/15/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
H-2	6/15/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
H-3	6/15/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
H-4	6/15/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
H-5	6/15/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
H-6	6/15/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
H-7	6/15/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
H-8	6/15/2023	0-0.5'	<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

2. < = Value Less Than Reporting Limit (RL)

3. Bold indicates Analyte Detected

4. BTEX analyses by EPA Method SW 8021B

SP 1

 Sample Point Excavated

5. TPH analyses by EPA Method SW 8015 Mod.

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

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

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

9. --- Not Analyzed

Table 2
Summary of Soil Analytical Data - Confirmation Samples
Trionyx 6 Federal #005H
Devon Energy Production Company
Lea County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total TPH (C6-C35)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
			Table I Closure Criteria for Soil 51-100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	1000 mg/kg	---	2500 mg/kg	10000 mg/kg
Confirmation Base Samples													
CS-1	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3040
CS-2	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	8160
CS-3	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	13200
	10/16/2023	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2040
CS-4	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1630
CS-5	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1260
CS-6	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
CS-7	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
CS-8	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4160
CS-9	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	768
CS-10	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	576
CS-11	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	976
CS-12	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
CS-13	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2880
CS-14	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1500
CS-15	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	9860
CS-16	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1070
CS-17	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
CS-18	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	384
CS-19	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
CS-20	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	592
CS-21	10/4/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2320
CS-22	10/4/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1920
CS-23	10/4/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1220
CS-24	10/4/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2000
CS-25	10/4/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1250
CS-26	10/4/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4960
CS-27	10/4/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1120
CS-28	10/4/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1810
CS-29	10/4/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2760
CS-30	10/4/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1340
CS-31	10/4/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	528
CS-32	10/4/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	912
CS-33	10/4/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1460
CS-34	10/16/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3320
CS-35	10/16/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1360
CS-36	10/16/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	736

Table 2
Summary of Soil Analytical Data - Confirmation Samples
Trionyx 6 Federal #005H
Devon Energy Production Company
Lea County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
Table I Closure Criteria for Soil 51-100 feet Depth to Groundwater 19.15.29 NMAC													
10 mg/kg	---	---	---	50 mg/kg	---	---	1000 mg/kg	---	2500 mg/kg	10000 mg/kg			
CS-37	10/16/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3280
CS-38	10/16/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	944
CS-39	10/16/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1120
Confirmation Sidewall Samples													
SW-1	10/2/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	736
SW-1A	10/16/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1060
SW-1B	10/24/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-2	10/2/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	800
SW-2A	10/16/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	448
SW-3	10/2/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
SW-4	10/2/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208
SW-5	10/2/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	832
SW-5A	10/16/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	656
SW-5B	10/24/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-6	10/4/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
SW-7	10/4/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	912
SW-7A	10/16/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2680
SW-7B	10/24/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-8	10/4/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
SW-9	10/4/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	848
SW-9A	10/16/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1340
SW-9B	10/24/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-10	10/4/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1960
SW-10A	10/16/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96
SW-11	10/4/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2080
SW-11A	10/16/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	688
SW-11B	10/24/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-12	10/4/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1550
SW-12A	10/16/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	640
SW-12B	10/24/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
SW-13	10/4/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1120
SW-13A	10/16/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
SW-14	10/2/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
SW-15	10/2/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	848
SW-15A	10/16/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	608
SW-15B	10/24/2023	0-5'	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
SW-16	10/16/2023	0-5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	688
SW-16A	10/24/2023	0-5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0

Table 2
Summary of Soil Analytical Data - Confirmation Samples
Trionyx 6 Federal #005H
Devon Energy Production Company
Lea County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total TPH (C6-C35)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Table I Closure Criteria for Soil 51-100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	1000 mg/kg	---	2500 mg/kg	10000 mg/kg
SW-17	10/16/2023	4-5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	752
SW-17A	10/24/2023	4-5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
SW-18	10/16/2023	4-5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	528
SW-19	10/16/2023	4-5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1090
SW-19A	10/24/2023	4-5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0

Notes:

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

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

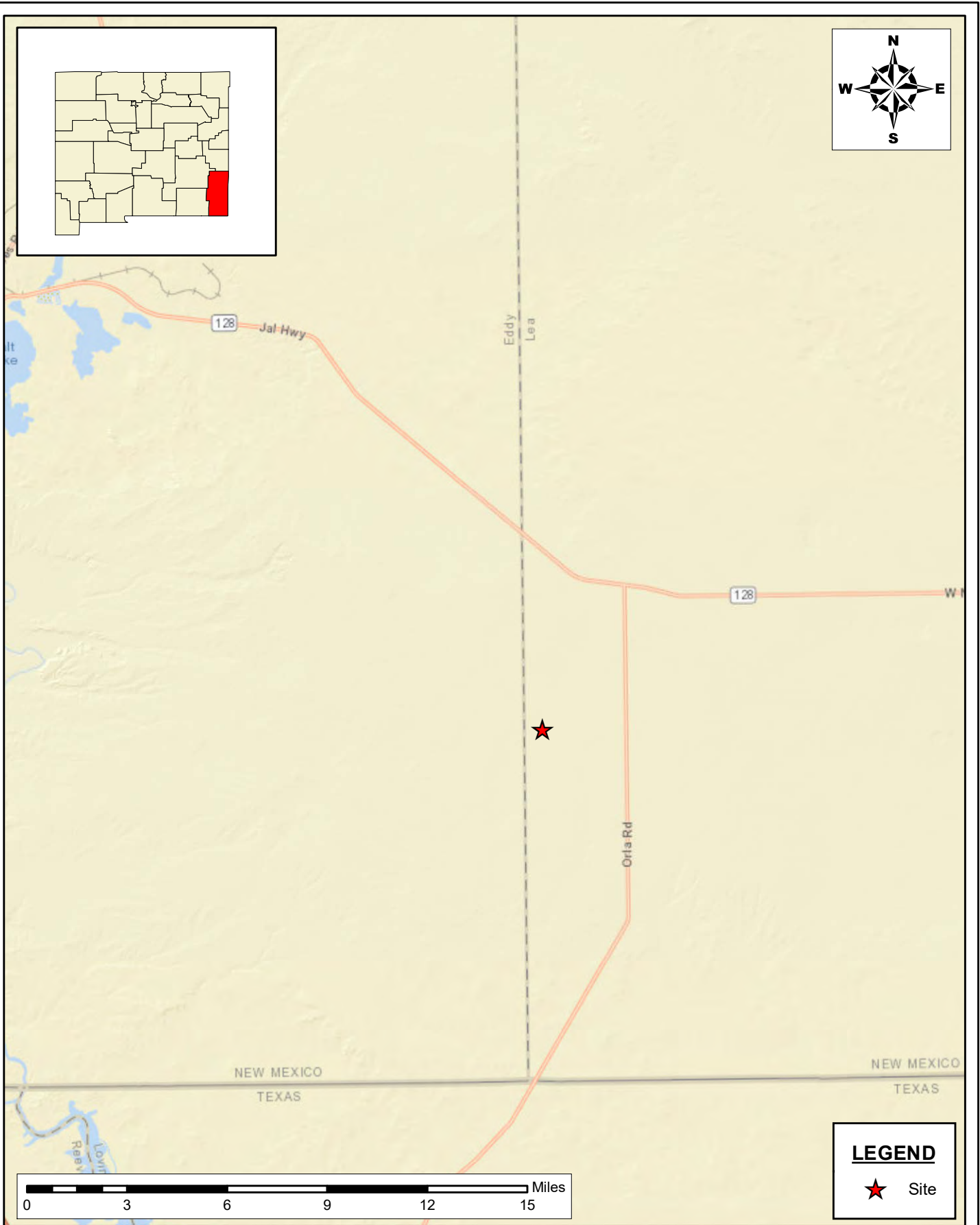
7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table I Closure Criteria for the site.

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

- Not Analyzed

FIGURES

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SITE LOCATION MAP
CLOSURE REPORT
TRIONIX 6 FEDERAL #005
DEVON ENERGY PRODUCTION CORPORATION
LEA COUNTY, NEW MEXICO
32.152576590387, -103.713316335273

SCALE: As Shown Date: 7/25/2023 PROJECT #: 237508

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



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

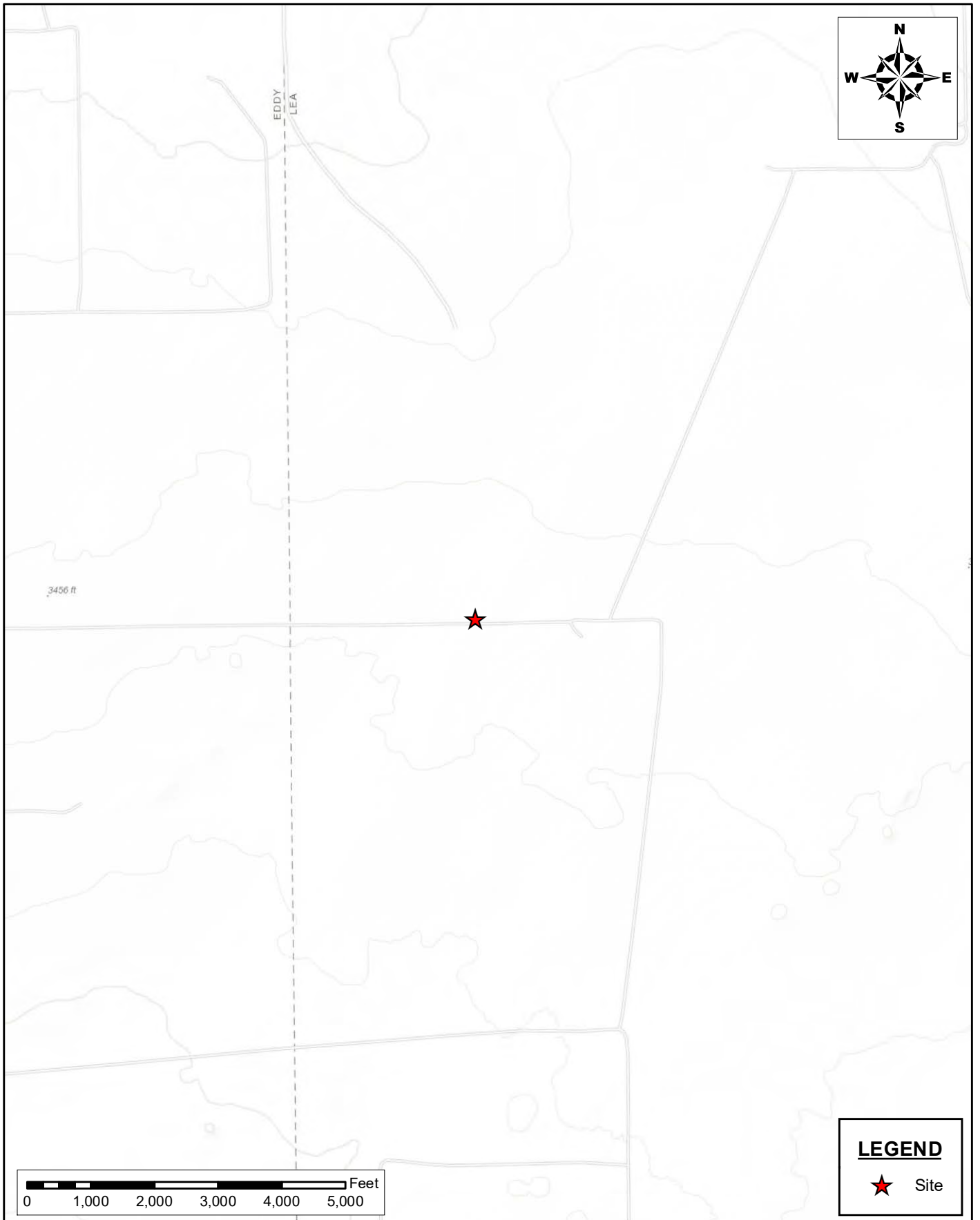
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FIGURE 1

SHEET NUMBER:

1 of 1

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TOPOGRAPHIC MAP
CLOSURE REPORT
TRIONYX 6 FEDERAL #005
DEVON ENERGY PRODUCTION CORPORATION
LEA COUNTY, NEW MEXICO
32.152576590387, -103.713316335273

SCALE: As Shown Date: 7/25/2023 PROJECT #: 237508


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

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

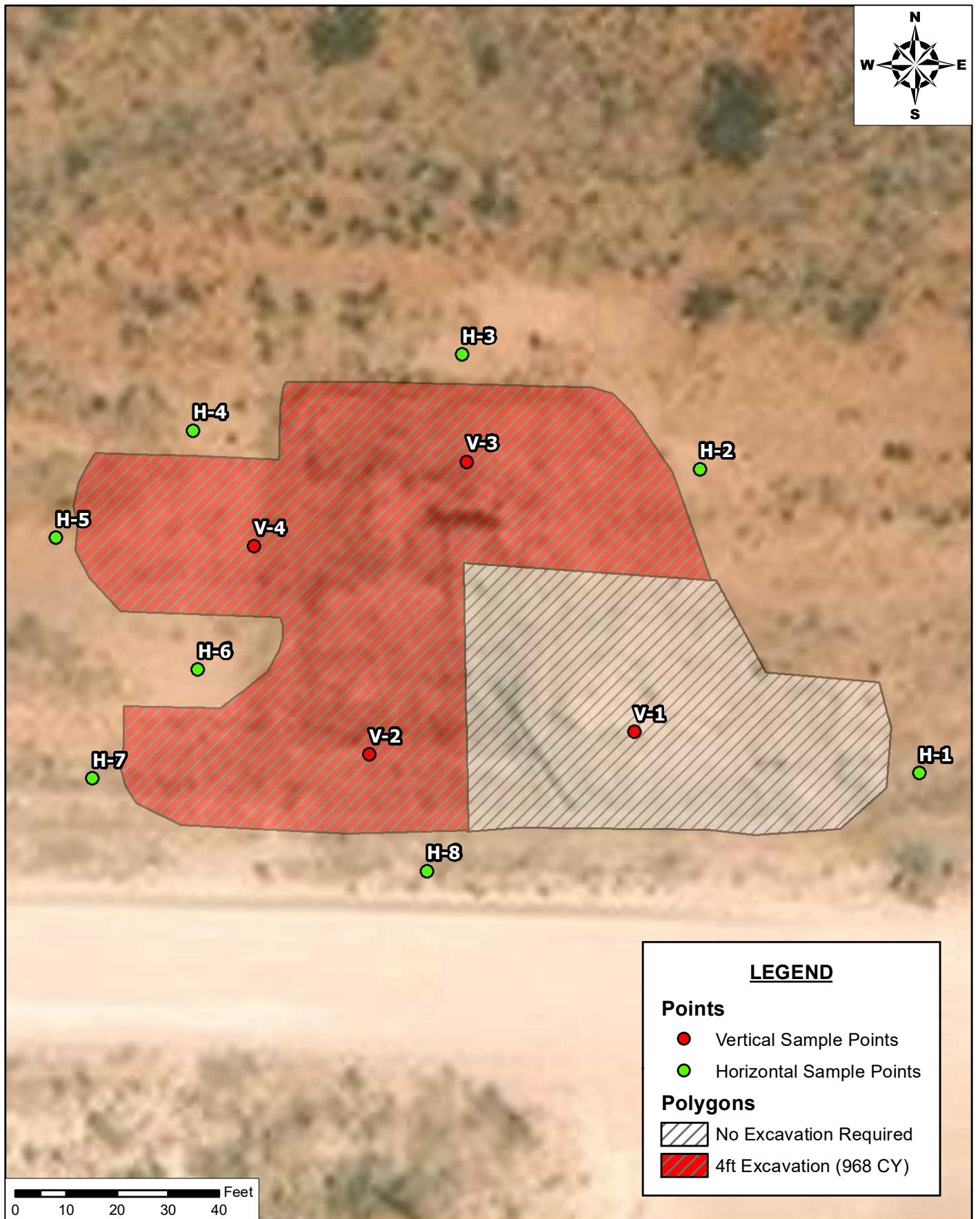
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FIGURE 2

SHEET NUMBER:

1 of 1

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INITIAL ASSESSMENT MAP
 CLOSURE REPORT
 TRIONYX 6 FEDERAL #005
 DEVON ENERGY PRODUCTION CORPORATION
 LEA COUNTY, NEW MEXICO
 32.152576590387, -103.713316335273

SCALE: As Shown

DATE: 8/22/2023

PROJECT #: 237508



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

NOTES:

1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

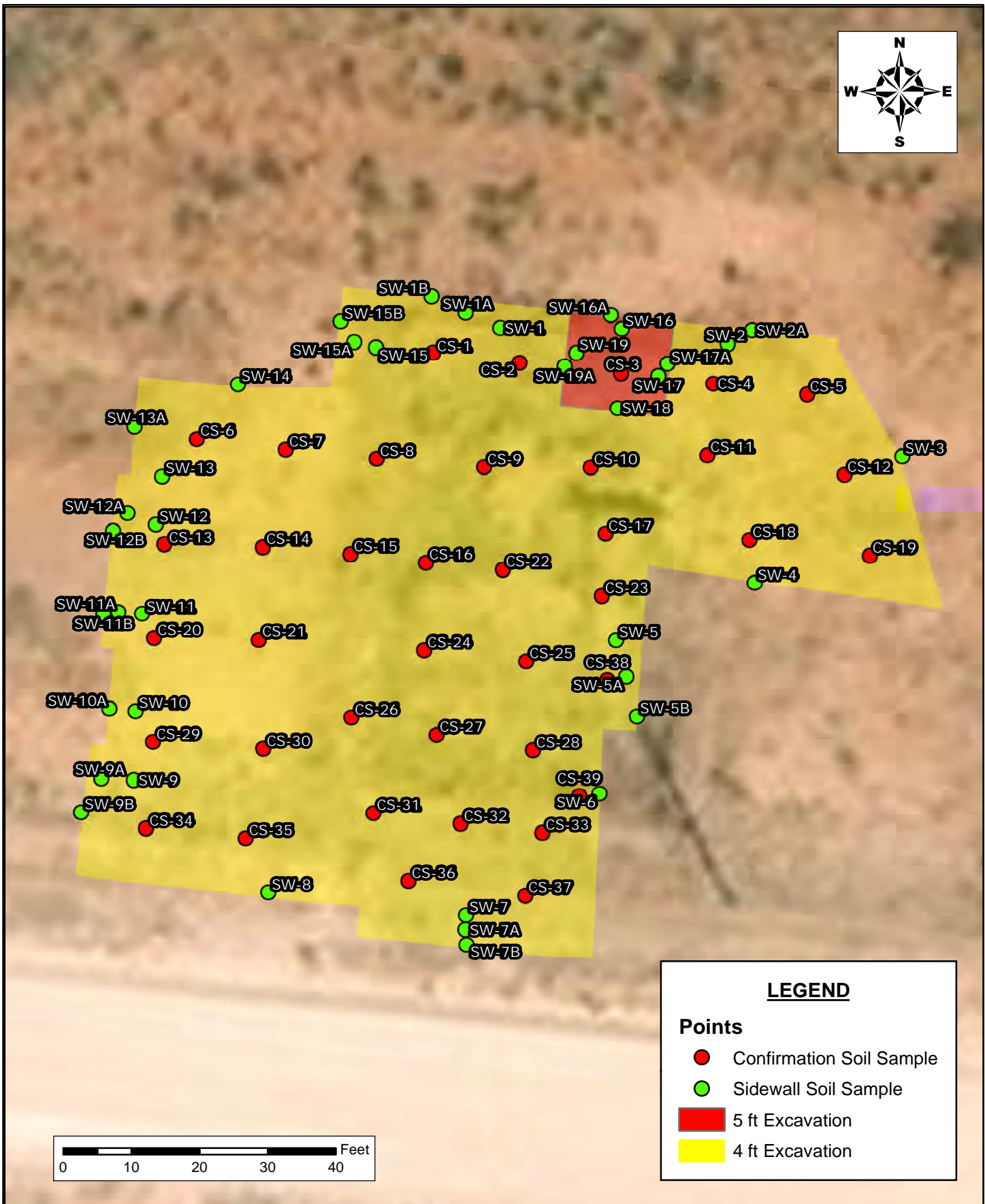
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FIGURE 3

SHEET NUMBER:

1 of 1

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CONFIRMATION SAMPLING MAP
 CLOSURE REPORT
 DEVON ENERGY PRODUCTION COMPANY
 TRIONYX 6 FEDERAL #005H
 LEA COUNTY, NEW MEXICO
 32.152576590387, -103.713316335273

SCALE: AS SHOWN

DATE: 01/09/2024

PROJECT #: 237508



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

NOTES:

1. Base Image: ESRI Maps & Data 2017
2. Map Projection: NAD 1983

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FIGURE 4

SHEET NUMBER:

1 of 1

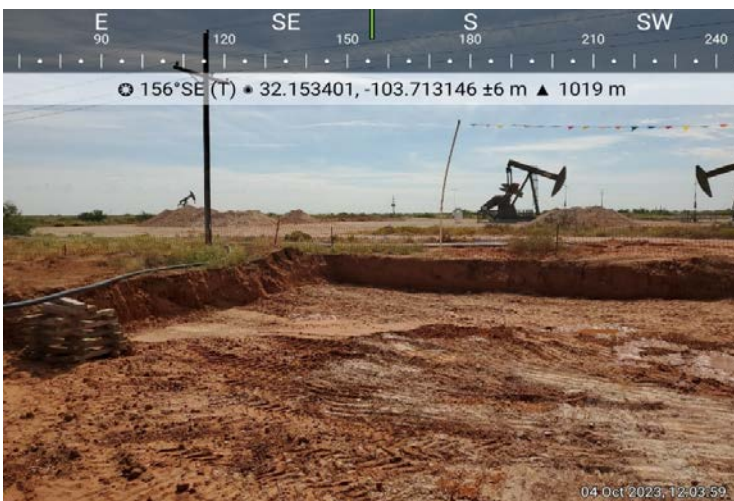
PHOTOGRAPHIC LOG

PHOTOGRAPHIC LOG**Trionyx 6 Federal #005****Photograph No. 1****Facility:** Trionyx 6 Federal #005**County:** Lea County, New Mexico**Description:**

View of Excavation

**Photograph No. 2****Facility:** Trionyx 6 Federal #005**County:** Lea County, New Mexico**Description:**

View of Excavation

**Photograph No. 3****Facility:** Trionyx 6 Federal #005**County:** Lea County, New Mexico**Description:**

View of Excavation



PHOTOGRAPHIC LOG**Trionyx 6 Federal #005****Photograph No. 4****Facility:** Trionyx 6 Federal #005**County:** Lea County, New Mexico**Description:**

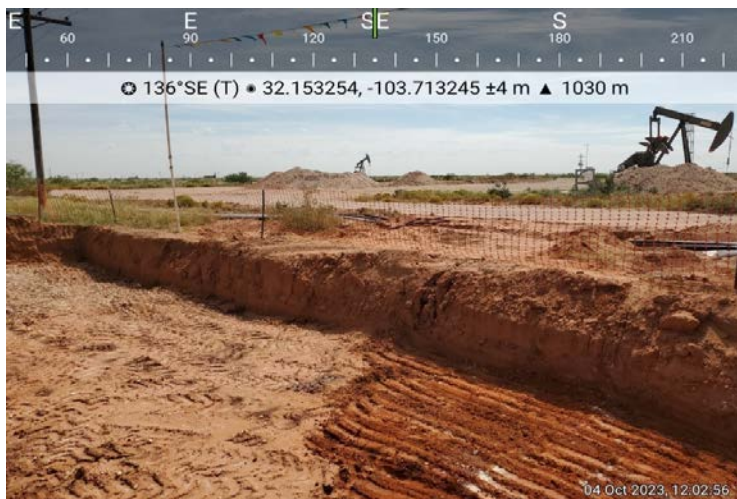
View of Excavation

**Photograph No. 5****Facility:** Trionyx 6 Federal #005**County:** Lea County, New Mexico**Description:**

View of Excavation

**Photograph No. 6****Facility:** Trionyx 6 Federal #005**County:** Lea County, New Mexico**Description:**

View of Excavation



PHOTOGRAPHIC LOG**Trionyx 6 Federal #005****Photograph No. 7****Facility:** Trionyx 6 Federal #005**County:** Lea County, New Mexico**Description:**

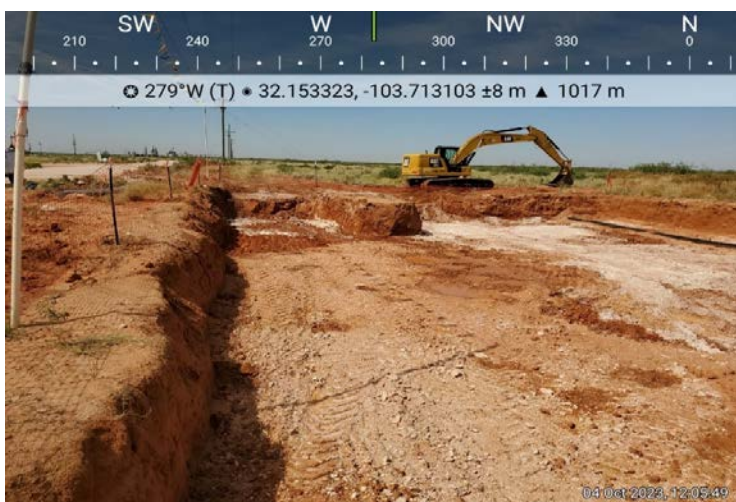
View of Excavation

**Photograph No. 8****Facility:** Trionyx 6 Federal #005**County:** Lea County, New Mexico**Description:**

View of Excavation

**Photograph No. 9****Facility:** Trionyx 6 Federal #005**County:** Lea County, New Mexico**Description:**

View of Excavation



PHOTOGRAPHIC LOG**Trionyx 6 Federal #005****Photograph No. 10****Facility:** Trionyx 6 Federal #005**County:** Lea County, New Mexico**Description:**

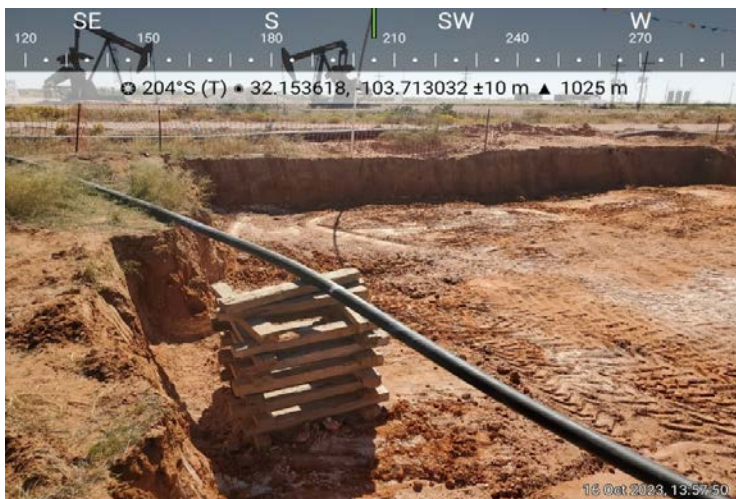
View of Excavation

**Photograph No. 11****Facility:** Trionyx 6 Federal #005**County:** Lea County, New Mexico**Description:**

View of Excavation

**Photograph No. 12****Facility:** Trionyx 6 Federal #005**County:** Lea County, New Mexico**Description:**

View of Excavation



PHOTOGRAPHIC LOG**Trionyx 6 Federal #005****Photograph No. 13****Facility:** Trionyx 6 Federal #005**County:** Lea County, New Mexico**Description:**

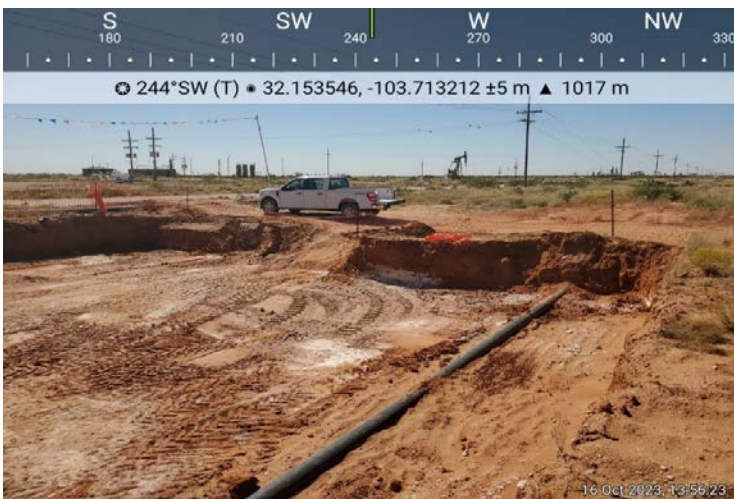
View of Excavation

**Photograph No. 14****Facility:** Trionyx 6 Federal #005**County:** Lea County, New Mexico**Description:**

View of Excavation

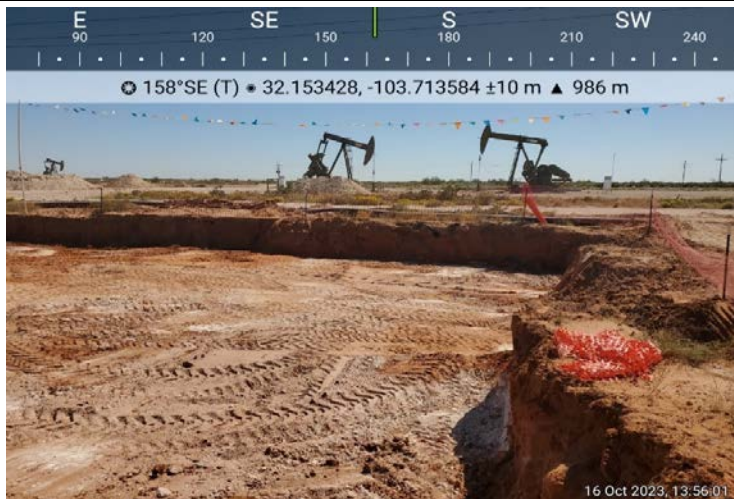
**Photograph No. 15****Facility:** Trionyx 6 Federal #005**County:** Lea County, New Mexico**Description:**

View of Excavation



PHOTOGRAPHIC LOG**Trionyx 6 Federal #005****Photograph No. 16****Facility:** Trionyx 6 Federal #005**County:** Lea County, New Mexico**Description:**

View of Excavation

**Photograph No. 17****Facility:** Trionyx 6 Federal #005**County:** Lea County, New Mexico**Description:**

View of Excavation

**Photograph No. 18****Facility:** Trionyx 6 Federal #005**County:** Lea County, New Mexico**Description:**

View of Excavation



PHOTOGRAPHIC LOG**Trionyx 6 Federal #005****Photograph No. 19****Facility:** Trionyx 6 Federal #005**County:** Lea County, New Mexico**Description:**

View of Excavation

**Photograph No. 20****Facility:** Trionyx 6 Federal #005**County:** Lea County, New Mexico**Description:**

View of Excavation

**Photograph No. 21****Facility:** Trionyx 6 Federal #005**County:** Lea County, New Mexico**Description:**

View of Excavation

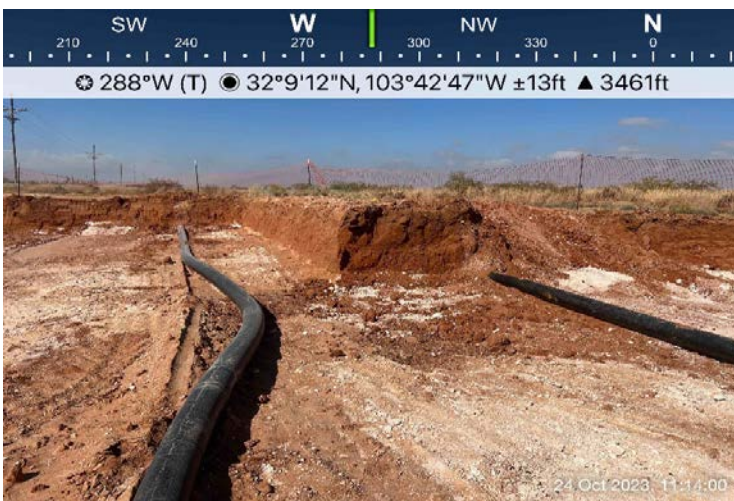


PHOTOGRAPHIC LOG**Trionyx 6 Federal #005****Photograph No. 22****Facility:** Trionyx 6 Federal #005**County:** Lea County, New Mexico**Description:**

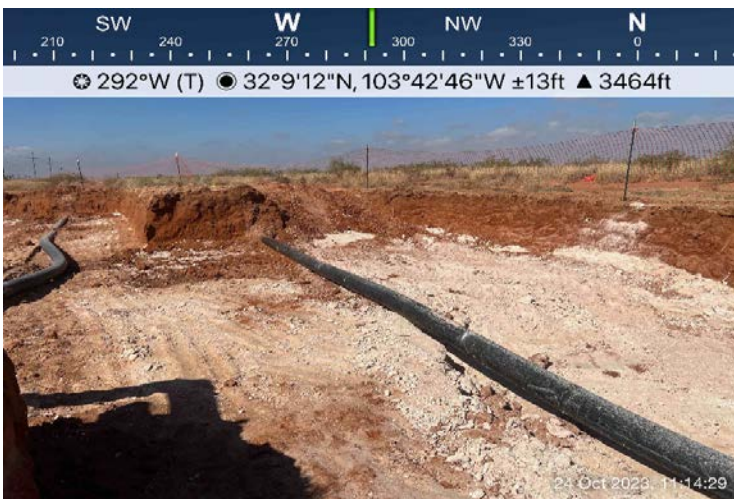
View of Excavation

**Photograph No. 23****Facility:** Trionyx 6 Federal #005**County:** Lea County, New Mexico**Description:**

View of Excavation

**Photograph No. 24****Facility:** Trionyx 6 Federal #005**County:** Lea County, New Mexico**Description:**

View of Excavation

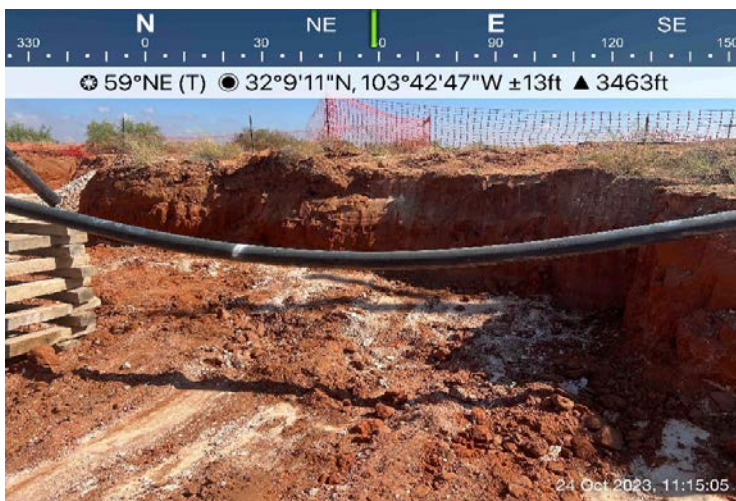


PHOTOGRAPHIC LOG**Trionyx 6 Federal #005****Photograph No. 25****Facility:** Trionyx 6 Federal #005**County:** Lea County, New Mexico**Description:**

View of Excavation

**Photograph No. 26****Facility:** Trionyx 6 Federal #005**County:** Lea County, New Mexico**Description:**

View of Excavation



LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS



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

June 21, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: TRIONYX 6 FED #5H

Enclosed are the results of analyses for samples received by the laboratory on 06/16/23 11:53.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/16/2023
 Reported: 06/21/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H - 1 (H233125-01)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/20/2023	ND	2.14	107	2.00	2.67	
Toluene*	<0.050	0.050	06/20/2023	ND	2.17	109	2.00	1.54	
Ethylbenzene*	<0.050	0.050	06/20/2023	ND	2.24	112	2.00	2.60	
Total Xylenes*	<0.150	0.150	06/20/2023	ND	6.59	110	6.00	2.39	
Total BTX	<0.300	0.300	06/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/19/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/19/2023	ND	235	117	200	27.8	
DRO >C10-C28*	<10.0	10.0	06/19/2023	ND	213	107	200	26.4	
EXT DRO >C28-C36	<10.0	10.0	06/19/2023	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/16/2023
 Reported: 06/21/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H - 2 (H233125-02)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/20/2023	ND	2.14	107	2.00	2.67	
Toluene*	<0.050	0.050	06/20/2023	ND	2.17	109	2.00	1.54	
Ethylbenzene*	<0.050	0.050	06/20/2023	ND	2.24	112	2.00	2.60	
Total Xylenes*	<0.150	0.150	06/20/2023	ND	6.59	110	6.00	2.39	
Total BTEX	<0.300	0.300	06/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/19/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2023	ND	235	117	200	27.8	
DRO >C10-C28*	<10.0	10.0	06/20/2023	ND	213	107	200	26.4	
EXT DRO >C28-C36	<10.0	10.0	06/20/2023	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/16/2023
 Reported: 06/21/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H - 3 (H233125-03)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/20/2023	ND	2.14	107	2.00	2.67		
Toluene*	<0.050	0.050	06/20/2023	ND	2.17	109	2.00	1.54		
Ethylbenzene*	<0.050	0.050	06/20/2023	ND	2.24	112	2.00	2.60		
Total Xylenes*	<0.150	0.150	06/20/2023	ND	6.59	110	6.00	2.39		
Total BTEX	<0.300	0.300	06/20/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/19/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2023	ND	235	117	200	27.8	
DRO >C10-C28*	<10.0	10.0	06/20/2023	ND	213	107	200	26.4	
EXT DRO >C28-C36	<10.0	10.0	06/20/2023	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/16/2023
 Reported: 06/21/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H - 4 (H233125-04)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/20/2023	ND	2.14	107	2.00	2.67		
Toluene*	<0.050	0.050	06/20/2023	ND	2.17	109	2.00	1.54		
Ethylbenzene*	<0.050	0.050	06/20/2023	ND	2.24	112	2.00	2.60		
Total Xylenes*	<0.150	0.150	06/20/2023	ND	6.59	110	6.00	2.39		
Total BTX	<0.300	0.300	06/20/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/19/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/19/2023	ND	169	84.4	200	4.22	
DRO >C10-C28*	<10.0	10.0	06/19/2023	ND	182	90.9	200	7.98	
EXT DRO >C28-C36	<10.0	10.0	06/19/2023	ND					

Surrogate: 1-Chlorooctane 92.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/16/2023
 Reported: 06/21/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H - 5 (H233125-05)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/20/2023	ND	2.14	107	2.00	2.67		
Toluene*	<0.050	0.050	06/20/2023	ND	2.17	109	2.00	1.54		
Ethylbenzene*	<0.050	0.050	06/20/2023	ND	2.24	112	2.00	2.60		
Total Xylenes*	<0.150	0.150	06/20/2023	ND	6.59	110	6.00	2.39		
Total BTX	<0.300	0.300	06/20/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/19/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/19/2023	ND	169	84.4	200	4.22	
DRO >C10-C28*	<10.0	10.0	06/19/2023	ND	182	90.9	200	7.98	
EXT DRO >C28-C36	<10.0	10.0	06/19/2023	ND					

Surrogate: 1-Chlorooctane 98.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/16/2023
 Reported: 06/21/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H - 6 (H233125-06)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/20/2023	ND	2.14	107	2.00	2.67	
Toluene*	<0.050	0.050	06/20/2023	ND	2.17	109	2.00	1.54	
Ethylbenzene*	<0.050	0.050	06/20/2023	ND	2.24	112	2.00	2.60	
Total Xylenes*	<0.150	0.150	06/20/2023	ND	6.59	110	6.00	2.39	
Total BTEX	<0.300	0.300	06/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/19/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/19/2023	ND	169	84.4	200	4.22	
DRO >C10-C28*	<10.0	10.0	06/19/2023	ND	182	90.9	200	7.98	
EXT DRO >C28-C36	<10.0	10.0	06/19/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/16/2023
 Reported: 06/21/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H - 7 (H233125-07)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/20/2023	ND	2.14	107	2.00	2.67		
Toluene*	<0.050	0.050	06/20/2023	ND	2.17	109	2.00	1.54		
Ethylbenzene*	<0.050	0.050	06/20/2023	ND	2.24	112	2.00	2.60		
Total Xylenes*	<0.150	0.150	06/20/2023	ND	6.59	110	6.00	2.39		
Total BTEX	<0.300	0.300	06/20/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/19/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/19/2023	ND	169	84.4	200	4.22	
DRO >C10-C28*	<10.0	10.0	06/19/2023	ND	182	90.9	200	7.98	
EXT DRO >C28-C36	<10.0	10.0	06/19/2023	ND					

Surrogate: 1-Chlorooctane 97.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/16/2023
 Reported: 06/21/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H - 8 (H233125-08)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/20/2023	ND	2.14	107	2.00	2.67		
Toluene*	<0.050	0.050	06/20/2023	ND	2.17	109	2.00	1.54		
Ethylbenzene*	<0.050	0.050	06/20/2023	ND	2.24	112	2.00	2.60		
Total Xylenes*	<0.150	0.150	06/20/2023	ND	6.59	110	6.00	2.39		
Total BTX	<0.300	0.300	06/20/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/19/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/19/2023	ND	169	84.4	200	4.22	
DRO >C10-C28*	<10.0	10.0	06/19/2023	ND	182	90.9	200	7.98	
EXT DRO >C28-C36	<10.0	10.0	06/19/2023	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 135 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/16/2023
 Reported: 06/21/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V - 1 (0-.5) (H233125-09)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/20/2023	ND	2.14	107	2.00	2.67		
Toluene*	<0.050	0.050	06/20/2023	ND	2.17	109	2.00	1.54		
Ethylbenzene*	<0.050	0.050	06/20/2023	ND	2.24	112	2.00	2.60		
Total Xylenes*	<0.150	0.150	06/20/2023	ND	6.59	110	6.00	2.39		
Total BTEx	<0.300	0.300	06/20/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/19/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/19/2023	ND	169	84.4	200	4.22	
DRO >C10-C28*	<10.0	10.0	06/19/2023	ND	182	90.9	200	7.98	
EXT DRO >C28-C36	<10.0	10.0	06/19/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/16/2023
 Reported: 06/21/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V - 1 (1-1.5) (H233125-10)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/20/2023	ND	2.14	107	2.00	2.67		
Toluene*	<0.050	0.050	06/20/2023	ND	2.17	109	2.00	1.54		
Ethylbenzene*	<0.050	0.050	06/20/2023	ND	2.24	112	2.00	2.60		
Total Xylenes*	<0.150	0.150	06/20/2023	ND	6.59	110	6.00	2.39		
Total BTEx	<0.300	0.300	06/20/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/19/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/19/2023	ND	169	84.4	200	4.22	
DRO >C10-C28*	<10.0	10.0	06/19/2023	ND	182	90.9	200	7.98	
EXT DRO >C28-C36	<10.0	10.0	06/19/2023	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 138 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/16/2023
 Reported: 06/21/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V - 1 (2-2.5) (H233125-11)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/20/2023	ND	2.14	107	2.00	2.67		
Toluene*	<0.050	0.050	06/20/2023	ND	2.17	109	2.00	1.54		
Ethylbenzene*	<0.050	0.050	06/20/2023	ND	2.24	112	2.00	2.60		
Total Xylenes*	<0.150	0.150	06/20/2023	ND	6.59	110	6.00	2.39		
Total BTEX	<0.300	0.300	06/20/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	06/19/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/19/2023	ND	169	84.4	200	4.22	
DRO >C10-C28*	<10.0	10.0	06/19/2023	ND	182	90.9	200	7.98	
EXT DRO >C28-C36	<10.0	10.0	06/19/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/16/2023
 Reported: 06/21/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V - 1 (3-3.5) (H233125-12)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/20/2023	ND	2.14	107	2.00	2.67	
Toluene*	<0.050	0.050	06/20/2023	ND	2.17	109	2.00	1.54	
Ethylbenzene*	<0.050	0.050	06/20/2023	ND	2.24	112	2.00	2.60	
Total Xylenes*	<0.150	0.150	06/20/2023	ND	6.59	110	6.00	2.39	
Total BTEX	<0.300	0.300	06/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	06/19/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/19/2023	ND	169	84.4	200	4.22	
DRO >C10-C28*	<10.0	10.0	06/19/2023	ND	182	90.9	200	7.98	
EXT DRO >C28-C36	<10.0	10.0	06/19/2023	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 134 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/16/2023
 Reported: 06/21/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V - 1 (4-4.5) (H233125-13)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/20/2023	ND	2.14	107	2.00	2.67		
Toluene*	<0.050	0.050	06/20/2023	ND	2.17	109	2.00	1.54		
Ethylbenzene*	<0.050	0.050	06/20/2023	ND	2.24	112	2.00	2.60		
Total Xylenes*	<0.150	0.150	06/20/2023	ND	6.59	110	6.00	2.39		
Total BTEx	<0.300	0.300	06/20/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	480	16.0	06/19/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/19/2023	ND	169	84.4	200	4.22	
DRO >C10-C28*	<10.0	10.0	06/19/2023	ND	182	90.9	200	7.98	
EXT DRO >C28-C36	<10.0	10.0	06/19/2023	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 133 % 49.1-148

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Analytical Results For:

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

Received: 06/16/2023
 Reported: 06/21/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V - 2 (0-.5) (H233125-14)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/20/2023	ND	2.14	107	2.00	2.67		
Toluene*	<0.050	0.050	06/20/2023	ND	2.17	109	2.00	1.54		
Ethylbenzene*	<0.050	0.050	06/20/2023	ND	2.24	112	2.00	2.60		
Total Xylenes*	<0.150	0.150	06/20/2023	ND	6.59	110	6.00	2.39		
Total BTEx	<0.300	0.300	06/20/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	06/19/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/19/2023	ND	169	84.4	200	4.22	
DRO >C10-C28*	<10.0	10.0	06/19/2023	ND	182	90.9	200	7.98	
EXT DRO >C28-C36	<10.0	10.0	06/19/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Analytical Results For:

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

Received: 06/16/2023
 Reported: 06/21/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V - 2 (1-1.5) (H233125-15)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/20/2023	ND	2.14	107	2.00	2.67		
Toluene*	<0.050	0.050	06/20/2023	ND	2.17	109	2.00	1.54		
Ethylbenzene*	<0.050	0.050	06/20/2023	ND	2.24	112	2.00	2.60		
Total Xylenes*	<0.150	0.150	06/20/2023	ND	6.59	110	6.00	2.39		
Total BTEx	<0.300	0.300	06/20/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	06/19/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/19/2023	ND	169	84.4	200	4.22	
DRO >C10-C28*	<10.0	10.0	06/19/2023	ND	182	90.9	200	7.98	
EXT DRO >C28-C36	<10.0	10.0	06/19/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/16/2023
 Reported: 06/21/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V - 2 (2-2.5) (H233125-16)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/20/2023	ND	2.27	113	2.00	0.176	QM-07	
Toluene*	<0.050	0.050	06/20/2023	ND	2.10	105	2.00	0.0543		
Ethylbenzene*	<0.050	0.050	06/20/2023	ND	2.10	105	2.00	0.785		
Total Xylenes*	<0.150	0.150	06/20/2023	ND	6.22	104	6.00	1.10		
Total BTEx	<0.300	0.300	06/20/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	832	16.0	06/19/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/19/2023	ND	169	84.4	200	4.22	
DRO >C10-C28*	<10.0	10.0	06/19/2023	ND	182	90.9	200	7.98	
EXT DRO >C28-C36	<10.0	10.0	06/19/2023	ND					

Surrogate: 1-Chlorooctane 99.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/16/2023
 Reported: 06/21/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V - 2 (3-3.5) (H233125-17)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/20/2023	ND	2.27	113	2.00	0.176		
Toluene*	<0.050	0.050	06/20/2023	ND	2.10	105	2.00	0.0543		
Ethylbenzene*	<0.050	0.050	06/20/2023	ND	2.10	105	2.00	0.785		
Total Xylenes*	<0.150	0.150	06/20/2023	ND	6.22	104	6.00	1.10		
Total BTX	<0.300	0.300	06/20/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1800	16.0	06/19/2023	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/19/2023	ND	169	84.4	200	4.22	
DRO >C10-C28*	<10.0	10.0	06/19/2023	ND	182	90.9	200	7.98	
EXT DRO >C28-C36	<10.0	10.0	06/19/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/16/2023
 Reported: 06/21/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V - 2 (4-4.5) (H233125-18)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/20/2023	ND	2.27	113	2.00	0.176	
Toluene*	<0.050	0.050	06/20/2023	ND	2.10	105	2.00	0.0543	
Ethylbenzene*	<0.050	0.050	06/20/2023	ND	2.10	105	2.00	0.785	
Total Xylenes*	<0.150	0.150	06/20/2023	ND	6.22	104	6.00	1.10	
Total BTEx	<0.300	0.300	06/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1400	16.0	06/19/2023	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/19/2023	ND	169	84.4	200	4.22	
DRO >C10-C28*	<10.0	10.0	06/19/2023	ND	182	90.9	200	7.98	
EXT DRO >C28-C36	<10.0	10.0	06/19/2023	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 135 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/16/2023
 Reported: 06/21/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V - 3 (0-.5) (H233125-19)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/20/2023	ND	2.27	113	2.00	0.176	
Toluene*	<0.050	0.050	06/20/2023	ND	2.10	105	2.00	0.0543	
Ethylbenzene*	<0.050	0.050	06/20/2023	ND	2.10	105	2.00	0.785	
Total Xylenes*	<0.150	0.150	06/20/2023	ND	6.22	104	6.00	1.10	
Total BTX	<0.300	0.300	06/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/19/2023	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/19/2023	ND	169	84.4	200	4.22	
DRO >C10-C28*	<10.0	10.0	06/19/2023	ND	182	90.9	200	7.98	
EXT DRO >C28-C36	<10.0	10.0	06/19/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 131 % 49.1-148

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Analytical Results For:

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

Received: 06/16/2023
 Reported: 06/21/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V - 3 (1-1.5) (H233125-20)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/20/2023	ND	2.27	113	2.00	0.176	
Toluene*	<0.050	0.050	06/20/2023	ND	2.10	105	2.00	0.0543	
Ethylbenzene*	<0.050	0.050	06/20/2023	ND	2.10	105	2.00	0.785	
Total Xylenes*	<0.150	0.150	06/20/2023	ND	6.22	104	6.00	1.10	
Total BTX	<0.300	0.300	06/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	06/19/2023	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/19/2023	ND	169	84.4	200	4.22	
DRO >C10-C28*	<10.0	10.0	06/19/2023	ND	182	90.9	200	7.98	
EXT DRO >C28-C36	<10.0	10.0	06/19/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Analytical Results For:

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

Received: 06/16/2023
 Reported: 06/21/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V - 3 (2-2.5) (H233125-21)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/20/2023	ND	2.27	113	2.00	0.176	
Toluene*	<0.050	0.050	06/20/2023	ND	2.10	105	2.00	0.0543	
Ethylbenzene*	<0.050	0.050	06/20/2023	ND	2.10	105	2.00	0.785	
Total Xylenes*	<0.150	0.150	06/20/2023	ND	6.22	104	6.00	1.10	
Total BTX	<0.300	0.300	06/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1410	16.0	06/19/2023	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2023	ND	169	84.4	200	4.22	
DRO >C10-C28*	<10.0	10.0	06/20/2023	ND	182	90.9	200	7.98	
EXT DRO >C28-C36	<10.0	10.0	06/20/2023	ND					

Surrogate: 1-Chlorooctane 93.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Analytical Results For:

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

Received: 06/16/2023
 Reported: 06/21/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V - 3 (3-3.5) (H233125-22)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/20/2023	ND	2.27	113	2.00	0.176	
Toluene*	<0.050	0.050	06/20/2023	ND	2.10	105	2.00	0.0543	
Ethylbenzene*	<0.050	0.050	06/20/2023	ND	2.10	105	2.00	0.785	
Total Xylenes*	<0.150	0.150	06/20/2023	ND	6.22	104	6.00	1.10	
Total BTX	<0.300	0.300	06/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1230	16.0	06/19/2023	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2023	ND	169	84.4	200	4.22	
DRO >C10-C28*	<10.0	10.0	06/20/2023	ND	182	90.9	200	7.98	
EXT DRO >C28-C36	<10.0	10.0	06/20/2023	ND					

Surrogate: 1-Chlorooctane 126 % 48.2-134

Surrogate: 1-Chlorooctadecane 146 % 49.1-148

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Analytical Results For:

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

Received: 06/16/2023
 Reported: 06/21/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V - 3 (4-4.5) (H233125-23)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/20/2023	ND	2.27	113	2.00	0.176	
Toluene*	<0.050	0.050	06/20/2023	ND	2.10	105	2.00	0.0543	
Ethylbenzene*	<0.050	0.050	06/20/2023	ND	2.10	105	2.00	0.785	
Total Xylenes*	<0.150	0.150	06/20/2023	ND	6.22	104	6.00	1.10	
Total BTEx	<0.300	0.300	06/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	912	16.0	06/19/2023	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2023	ND	169	84.4	200	4.22	
DRO >C10-C28*	<10.0	10.0	06/20/2023	ND	182	90.9	200	7.98	
EXT DRO >C28-C36	<10.0	10.0	06/20/2023	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 137 % 49.1-148

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Analytical Results For:

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

Received: 06/16/2023
 Reported: 06/21/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V - 4 (0-.5) (H233125-24)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/20/2023	ND	2.27	113	2.00	0.176		
Toluene*	<0.050	0.050	06/20/2023	ND	2.10	105	2.00	0.0543		
Ethylbenzene*	<0.050	0.050	06/20/2023	ND	2.10	105	2.00	0.785		
Total Xylenes*	<0.150	0.150	06/20/2023	ND	6.22	104	6.00	1.10		
Total BTEX	<0.300	0.300	06/20/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/19/2023	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2023	ND	179	89.7	200	17.0	
DRO >C10-C28*	<10.0	10.0	06/20/2023	ND	180	89.9	200	17.1	
EXT DRO >C28-C36	<10.0	10.0	06/20/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/16/2023
 Reported: 06/21/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V - 4 (1-1.5) (H233125-25)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/20/2023	ND	2.27	113	2.00	0.176	
Toluene*	<0.050	0.050	06/20/2023	ND	2.10	105	2.00	0.0543	
Ethylbenzene*	<0.050	0.050	06/20/2023	ND	2.10	105	2.00	0.785	
Total Xylenes*	<0.150	0.150	06/20/2023	ND	6.22	104	6.00	1.10	
Total BTEX	<0.300	0.300	06/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/19/2023	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2023	ND	179	89.7	200	17.0	
DRO >C10-C28*	<10.0	10.0	06/20/2023	ND	180	89.9	200	17.1	
EXT DRO >C28-C36	<10.0	10.0	06/20/2023	ND					

Surrogate: 1-Chlorooctane 97.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/16/2023
 Reported: 06/21/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V - 4 (2-2.5) (H233125-26)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/20/2023	ND	2.27	113	2.00	0.176	
Toluene*	<0.050	0.050	06/20/2023	ND	2.10	105	2.00	0.0543	
Ethylbenzene*	<0.050	0.050	06/20/2023	ND	2.10	105	2.00	0.785	
Total Xylenes*	<0.150	0.150	06/20/2023	ND	6.22	104	6.00	1.10	
Total BTX	<0.300	0.300	06/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	06/19/2023	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2023	ND	179	89.7	200	17.0	
DRO >C10-C28*	<10.0	10.0	06/20/2023	ND	180	89.9	200	17.1	
EXT DRO >C28-C36	<10.0	10.0	06/20/2023	ND					

Surrogate: 1-Chlorooctane 88.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/16/2023
 Reported: 06/21/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V - 4 (3-3.5) (H233125-27)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/20/2023	ND	2.27	113	2.00	0.176	
Toluene*	<0.050	0.050	06/20/2023	ND	2.10	105	2.00	0.0543	
Ethylbenzene*	<0.050	0.050	06/20/2023	ND	2.10	105	2.00	0.785	
Total Xylenes*	<0.150	0.150	06/20/2023	ND	6.22	104	6.00	1.10	
Total BTX	<0.300	0.300	06/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1120	16.0	06/19/2023	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2023	ND	179	89.7	200	17.0	
DRO >C10-C28*	<10.0	10.0	06/20/2023	ND	180	89.9	200	17.1	
EXT DRO >C28-C36	<10.0	10.0	06/20/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/16/2023
 Reported: 06/21/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V - 4 (4-4.5) (H233125-28)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/20/2023	ND	2.27	113	2.00	0.176	
Toluene*	<0.050	0.050	06/20/2023	ND	2.10	105	2.00	0.0543	
Ethylbenzene*	<0.050	0.050	06/20/2023	ND	2.10	105	2.00	0.785	
Total Xylenes*	<0.150	0.150	06/20/2023	ND	6.22	104	6.00	1.10	
Total BTEX	<0.300	0.300	06/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1120	16.0	06/19/2023	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2023	ND	179	89.7	200	17.0	
DRO >C10-C28*	<10.0	10.0	06/20/2023	ND	180	89.9	200	17.1	
EXT DRO >C28-C36	<10.0	10.0	06/20/2023	ND					

Surrogate: 1-Chlorooctane 89.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.5 % 49.1-148

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Notes and Definitions

- QR-04 The RPD for the BS/BSD was outside of historical limits.
- 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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Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No:

1633125

Page 1 of 3

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

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

Project Name:	Trionyx 6 Fed #5H	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST										Preservative Codes			
Project Number:	237508	Due Date:													None: NO	DI Water: H ₂ O		
Project Location:	Lea Co. NM	TAT starts the day received by the lab, if received by 4:30pm													Cool: Cool	MeOH: Me		
Sampler's Name:	Jordan Tyner														HCL: HC	HNO ₃ : HN		
PO #:	21179945														H ₂ SO ₄ : H ₂	NaOH: Na		
SAMPLE RECEIPT	Temp Blank:	Yes	No	Wet Ice:	Yes	No											H ₃ PO ₄ : HP	
Received Inact:	Yes	No	Thermometer ID:	Yes	No											NaHSO ₄ : NABIS		
Cooler Custody Seals:	Yes	No	Correction Factor:	Yes	No											Na ₂ S ₂ O ₃ : NaSO ₃		
Sample Custody Seals:	Yes	No	Temperature Reading:	Yes	No											Zn Acetate+NaOH: Zn		
Total Containers:	28	Corrected Temperature:	-8.0°C													NaOH+Ascorbic Acid: SAPC		

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters										Sample Comments
H-1	6/15/2023		X		Grab/	1	X	X	X								
H-2	6/15/2023		X		Grab/	1	X	X	X								
H-3	6/15/2023		X		Grab/	1	X	X	X								
H-4	6/15/2023		X		Grab/	1	X	X	X								
H-5	6/15/2023		X		Grab/	1	X	X	X								
H-6	6/15/2023		X		Grab/	1	X	X	X								
H-7	6/15/2023		X		Grab/	1	X	X	X								
H-8	6/15/2023		X		Grab/	1	X	X	X								
V-1 (0-5)	6/15/2023		X		Grab/	1	X	X	X								
V-1 (1-1.5)	6/15/2023		X		Grab/	1	X	X	X								

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		6-16-23 153			



Chain of Custody

Work Order No: H233125

Page 2 of 3

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

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

Project Name:	Trionyx 6 Fed #5H		Turn Around		Pr. s. Code	ANALYSIS REQUEST										Preservative Codes		
Project Number:	237508		<input checked="" type="checkbox"/> Routine	<input type="checkbox"/> Rush												None: NO DI Water: H ₂ O Cool: Cool MeOH: Me HCL: HC HNO ₃ : HN H ₂ SO ₄ : H ₂ NaOH: Na H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC		
Project Location:	Lea Co. NM		Due Date:		TAT starts the day received by the lab, if received by 4:30pm											HOLD		
Sampler's Name:	Jordan Tyner																	
PO #:	21179945				Parameters	BTX 8021B												
SAMPLE RECEIPT	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		TPH 8015M (GRO + DRO + MRO)												
Received In tact:	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Thermometer ID:	113														
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Correction Factor:	-0.6%														
Sample Custody Seals:	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Temperature Reading:	-7.4%														
Total Containers:	28		Corrected Temperature:	-8.0%														
Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont											Sample Comments	
V-1 (2-2-5)	6/15/2023		X		Grab/	1	X	X	X									
V-1 (3-3-5)	6/15/2023		X		Grab/	1	X	X	X									
V-1 (4-4-5)	6/15/2023		X		Grab/	1	X	X	X									
V-2 (0-5)	6/15/2023		X		Grab/	1	X	X	X									
V-2 (1-1-5)	6/15/2023		X		Grab/	1	X	X	X									
V-2 (2-2-5)	6/15/2023		X		Grab/	1	X	X	X									
V-2 (3-3-5)	6/15/2023		X		Grab/	1	X	X	X									
V-2 (4-4-5)	6/15/2023		X		Grab/	1	X	X	X									
V-3 (0-5)	6/15/2023		X		Grab/	1	X	X	X									
V-3 (1-1-5)	6/15/2023		X		Grab/	1	X	X	X									

Additional Comments:

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<i>[Signature]</i>	<i>[Signature]</i>	6-10-23 1153			

Work Order No:

A233125

Page 3 of 3



Page 33 of 33

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

[illegible]

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		6-11-23 1153			

Revised Date: 05/01/2020 Rev: 2020



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

October 06, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: TRIONYX 6 FED #5H

Enclosed are the results of analyses for samples received by the laboratory on 10/02/23 15:15.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/02/2023
 Reported: 10/06/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/02/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 1 4' (H235355-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/05/2023	ND	1.94	97.1	2.00	2.35	
Toluene*	<0.050	0.050	10/05/2023	ND	1.88	94.0	2.00	3.41	
Ethylbenzene*	<0.050	0.050	10/05/2023	ND	1.95	97.4	2.00	4.30	
Total Xylenes*	<0.150	0.150	10/05/2023	ND	5.86	97.7	6.00	4.56	
Total BTX	<0.300	0.300	10/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3040	16.0	10/04/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	217	108	200	16.8	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	224	112	200	16.2	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 98.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/02/2023
 Reported: 10/06/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/02/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 2 4' (H235355-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/05/2023	ND	1.94	97.1	2.00	2.35		
Toluene*	<0.050	0.050	10/05/2023	ND	1.88	94.0	2.00	3.41		
Ethylbenzene*	<0.050	0.050	10/05/2023	ND	1.95	97.4	2.00	4.30		
Total Xylenes*	<0.150	0.150	10/05/2023	ND	5.86	97.7	6.00	4.56		
Total BTEX	<0.300	0.300	10/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	8160	16.0	10/04/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2023	ND	217	108	200	16.8	
DRO >C10-C28*	<10.0	10.0	10/04/2023	ND	224	112	200	16.2	
EXT DRO >C28-C36	<10.0	10.0	10/04/2023	ND					

Surrogate: 1-Chlorooctane 78.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/02/2023
 Reported: 10/06/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/02/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 3 4' (H235355-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/05/2023	ND	1.94	97.1	2.00	2.35		
Toluene*	<0.050	0.050	10/05/2023	ND	1.88	94.0	2.00	3.41		
Ethylbenzene*	<0.050	0.050	10/05/2023	ND	1.95	97.4	2.00	4.30		
Total Xylenes*	<0.150	0.150	10/05/2023	ND	5.86	97.7	6.00	4.56		
Total BTEX	<0.300	0.300	10/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	13200	16.0	10/04/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2023	ND	217	108	200	16.8	
DRO >C10-C28*	<10.0	10.0	10/04/2023	ND	224	112	200	16.2	
EXT DRO >C28-C36	<10.0	10.0	10/04/2023	ND					

Surrogate: 1-Chlorooctane 95.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Analytical Results For:

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

Received: 10/02/2023
 Reported: 10/06/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/02/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 4 4' (H235355-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/05/2023	ND	1.94	97.1	2.00	2.35		
Toluene*	<0.050	0.050	10/05/2023	ND	1.88	94.0	2.00	3.41		
Ethylbenzene*	<0.050	0.050	10/05/2023	ND	1.95	97.4	2.00	4.30		
Total Xylenes*	<0.150	0.150	10/05/2023	ND	5.86	97.7	6.00	4.56		
Total BTEX	<0.300	0.300	10/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1630	16.0	10/04/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2023	ND	217	108	200	16.8	
DRO >C10-C28*	<10.0	10.0	10/04/2023	ND	224	112	200	16.2	
EXT DRO >C28-C36	<10.0	10.0	10/04/2023	ND					

Surrogate: 1-Chlorooctane 85.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.0 % 49.1-148

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Analytical Results For:

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

Received: 10/02/2023
 Reported: 10/06/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/02/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 5 4' (H235355-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/05/2023	ND	1.94	97.1	2.00	2.35		
Toluene*	<0.050	0.050	10/05/2023	ND	1.88	94.0	2.00	3.41		
Ethylbenzene*	<0.050	0.050	10/05/2023	ND	1.95	97.4	2.00	4.30		
Total Xylenes*	<0.150	0.150	10/05/2023	ND	5.86	97.7	6.00	4.56		
Total BTEx	<0.300	0.300	10/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1260	16.0	10/04/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2023	ND	217	108	200	16.8	
DRO >C10-C28*	<10.0	10.0	10/04/2023	ND	224	112	200	16.2	
EXT DRO >C28-C36	<10.0	10.0	10/04/2023	ND					

Surrogate: 1-Chlorooctane 69.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.0 % 49.1-148

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Analytical Results For:

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

Received: 10/02/2023
 Reported: 10/06/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/02/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 6 4' (H235355-06)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2023	ND	1.94	97.1	2.00	2.35		
Toluene*	<0.050	0.050	10/06/2023	ND	1.88	94.0	2.00	3.41		
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	1.95	97.4	2.00	4.30		
Total Xylenes*	<0.150	0.150	10/06/2023	ND	5.86	97.7	6.00	4.56		
Total BTX	<0.300	0.300	10/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	10/04/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2023	ND	217	108	200	16.8	
DRO >C10-C28*	<10.0	10.0	10/04/2023	ND	224	112	200	16.2	
EXT DRO >C28-C36	<10.0	10.0	10/04/2023	ND					

Surrogate: 1-Chlorooctane 89.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

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

Received: 10/02/2023
 Reported: 10/06/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/02/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 7 4' (H235355-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2023	ND	1.94	97.1	2.00	2.35		
Toluene*	<0.050	0.050	10/06/2023	ND	1.88	94.0	2.00	3.41		
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	1.95	97.4	2.00	4.30		
Total Xylenes*	<0.150	0.150	10/06/2023	ND	5.86	97.7	6.00	4.56		
Total BTEx	<0.300	0.300	10/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	10/04/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2023	ND	217	108	200	16.8	
DRO >C10-C28*	<10.0	10.0	10/04/2023	ND	224	112	200	16.2	
EXT DRO >C28-C36	<10.0	10.0	10/04/2023	ND					

Surrogate: 1-Chlorooctane 93.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Analytical Results For:

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

Received: 10/02/2023
 Reported: 10/06/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/02/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 8 4' (H235355-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2023	ND	1.94	97.1	2.00	2.35		
Toluene*	<0.050	0.050	10/06/2023	ND	1.88	94.0	2.00	3.41		
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	1.95	97.4	2.00	4.30		
Total Xylenes*	<0.150	0.150	10/06/2023	ND	5.86	97.7	6.00	4.56		
Total BTEX	<0.300	0.300	10/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4160	16.0	10/04/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2023	ND	217	108	200	16.8	
DRO >C10-C28*	<10.0	10.0	10/04/2023	ND	224	112	200	16.2	
EXT DRO >C28-C36	<10.0	10.0	10/04/2023	ND					

Surrogate: 1-Chlorooctane 92.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

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

Received: 10/02/2023
 Reported: 10/06/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/02/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 9 4' (H235355-09)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	1.94	97.1	2.00	2.35	
Toluene*	<0.050	0.050	10/06/2023	ND	1.88	94.0	2.00	3.41	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	1.95	97.4	2.00	4.30	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	5.86	97.7	6.00	4.56	
Total BTX	<0.300	0.300	10/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	768	16.0	10/04/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2023	ND	217	108	200	16.8	
DRO >C10-C28*	<10.0	10.0	10/04/2023	ND	224	112	200	16.2	
EXT DRO >C28-C36	<10.0	10.0	10/04/2023	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 134 % 49.1-148

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Analytical Results For:

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

Received: 10/02/2023
 Reported: 10/06/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/02/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 10 4' (H235355-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2023	ND	1.94	97.1	2.00	2.35		
Toluene*	<0.050	0.050	10/06/2023	ND	1.88	94.0	2.00	3.41		
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	1.95	97.4	2.00	4.30		
Total Xylenes*	<0.150	0.150	10/06/2023	ND	5.86	97.7	6.00	4.56		
Total BTEx	<0.300	0.300	10/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	576	16.0	10/04/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2023	ND	217	108	200	16.8	
DRO >C10-C28*	<10.0	10.0	10/04/2023	ND	224	112	200	16.2	
EXT DRO >C28-C36	<10.0	10.0	10/04/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/02/2023
 Reported: 10/06/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/02/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 11 4' (H235355-11)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2023	ND	1.94	97.1	2.00	2.35		
Toluene*	<0.050	0.050	10/06/2023	ND	1.88	94.0	2.00	3.41		
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	1.95	97.4	2.00	4.30		
Total Xylenes*	<0.150	0.150	10/06/2023	ND	5.86	97.7	6.00	4.56		
Total BTEx	<0.300	0.300	10/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	976	16.0	10/04/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2023	ND	217	108	200	16.8	
DRO >C10-C28*	<10.0	10.0	10/04/2023	ND	224	112	200	16.2	
EXT DRO >C28-C36	<10.0	10.0	10/04/2023	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 139 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/02/2023
 Reported: 10/06/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/02/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 12 4' (H235355-12)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.00	100	2.00	1.08	
Toluene*	<0.050	0.050	10/06/2023	ND	1.95	97.7	2.00	1.88	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.03	102	2.00	2.49	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.09	102	6.00	2.93	
Total BTEx	<0.300	0.300	10/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	10/04/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	193	96.7	200	2.78	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	195	97.3	200	2.67	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 95.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Analytical Results For:

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

Received: 10/02/2023
 Reported: 10/06/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/02/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 13 4' (H235355-13)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2023	ND	2.00	100	2.00	1.08		
Toluene*	<0.050	0.050	10/06/2023	ND	1.95	97.7	2.00	1.88		
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.03	102	2.00	2.49		
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.09	102	6.00	2.93		
Total BTEX	<0.300	0.300	10/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2880	16.0	10/05/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	193	96.7	200	2.78	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	195	97.3	200	2.67	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 92.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/02/2023
 Reported: 10/06/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/02/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 14 4' (H235355-14)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.00	100	2.00	1.08	
Toluene*	<0.050	0.050	10/06/2023	ND	1.95	97.7	2.00	1.88	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.03	102	2.00	2.49	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.09	102	6.00	2.93	
Total BTEX	<0.300	0.300	10/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1500	16.0	10/05/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	193	96.7	200	2.78	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	195	97.3	200	2.67	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 93.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Analytical Results For:

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

Received: 10/02/2023
 Reported: 10/06/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/02/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 15 4' (H235355-15)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2023	ND	2.00	100	2.00	1.08		
Toluene*	<0.050	0.050	10/06/2023	ND	1.95	97.7	2.00	1.88		
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.03	102	2.00	2.49		
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.09	102	6.00	2.93		
Total BTEX	<0.300	0.300	10/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	9860	16.0	10/05/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	193	96.7	200	2.78	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	195	97.3	200	2.67	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 87.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.4 % 49.1-148

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Analytical Results For:

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

Received: 10/02/2023
 Reported: 10/06/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/02/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 16 4' (H235355-16)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2023	ND	2.00	100	2.00	1.08		
Toluene*	<0.050	0.050	10/06/2023	ND	1.95	97.7	2.00	1.88		
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.03	102	2.00	2.49		
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.09	102	6.00	2.93		
Total BTEX	<0.300	0.300	10/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1070	16.0	10/05/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2023	ND	193	96.7	200	2.78	
DRO >C10-C28*	<10.0	10.0	10/04/2023	ND	195	97.3	200	2.67	
EXT DRO >C28-C36	<10.0	10.0	10/04/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Analytical Results For:

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

Received: 10/02/2023
 Reported: 10/06/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/02/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 17 4' (H235355-17)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2023	ND	2.00	100	2.00	1.08		
Toluene*	<0.050	0.050	10/06/2023	ND	1.95	97.7	2.00	1.88		
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.03	102	2.00	2.49		
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.09	102	6.00	2.93		
Total BTEX	<0.300	0.300	10/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	10/05/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2023	ND	193	96.7	200	2.78	
DRO >C10-C28*	<10.0	10.0	10/04/2023	ND	195	97.3	200	2.67	
EXT DRO >C28-C36	<10.0	10.0	10/04/2023	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 135 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/02/2023
 Reported: 10/06/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/02/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 18 4' (H235355-18)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2023	ND	2.00	100	2.00	1.08		
Toluene*	<0.050	0.050	10/06/2023	ND	1.95	97.7	2.00	1.88		
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.03	102	2.00	2.49		
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.09	102	6.00	2.93		
Total BTEX	<0.300	0.300	10/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	384	16.0	10/05/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2023	ND	193	96.7	200	2.78	
DRO >C10-C28*	<10.0	10.0	10/04/2023	ND	195	97.3	200	2.67	
EXT DRO >C28-C36	<10.0	10.0	10/04/2023	ND					

Surrogate: 1-Chlorooctane 89.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/02/2023
 Reported: 10/06/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/02/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 19 4' (H235355-19)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.00	100	2.00	1.08	
Toluene*	<0.050	0.050	10/06/2023	ND	1.95	97.7	2.00	1.88	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.03	102	2.00	2.49	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.09	102	6.00	2.93	
Total BTEX	<0.300	0.300	10/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	10/05/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2023	ND	193	96.7	200	2.78	
DRO >C10-C28*	<10.0	10.0	10/04/2023	ND	195	97.3	200	2.67	
EXT DRO >C28-C36	<10.0	10.0	10/04/2023	ND					

Surrogate: 1-Chlorooctane 83.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/02/2023
 Reported: 10/06/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/02/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 1 0-4' (H235355-20)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.00	100	2.00	1.08	
Toluene*	<0.050	0.050	10/06/2023	ND	1.95	97.7	2.00	1.88	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.03	102	2.00	2.49	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.09	102	6.00	2.93	
Total BTEX	<0.300	0.300	10/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	736	16.0	10/05/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2023	ND	193	96.7	200	2.78	
DRO >C10-C28*	<10.0	10.0	10/04/2023	ND	195	97.3	200	2.67	
EXT DRO >C28-C36	<10.0	10.0	10/04/2023	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 131 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/02/2023
 Reported: 10/06/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/02/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 2 0-4' (H235355-21)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2023	ND	2.00	100	2.00	1.08		
Toluene*	<0.050	0.050	10/06/2023	ND	1.95	97.7	2.00	1.88		
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.03	102	2.00	2.49		
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.09	102	6.00	2.93		
Total BTEX	<0.300	0.300	10/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	800	16.0	10/05/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2023	ND	193	96.7	200	2.78	
DRO >C10-C28*	<10.0	10.0	10/04/2023	ND	195	97.3	200	2.67	
EXT DRO >C28-C36	<10.0	10.0	10/04/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/02/2023
 Reported: 10/06/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/02/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 3 0-4' (H235355-22)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.00	100	2.00	1.08	
Toluene*	<0.050	0.050	10/06/2023	ND	1.95	97.7	2.00	1.88	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.03	102	2.00	2.49	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.09	102	6.00	2.93	
Total BTEX	<0.300	0.300	10/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	10/05/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2023	ND	193	96.7	200	2.78	
DRO >C10-C28*	<10.0	10.0	10/04/2023	ND	195	97.3	200	2.67	
EXT DRO >C28-C36	<10.0	10.0	10/04/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/02/2023
 Reported: 10/06/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/02/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 4 0-4' (H235355-23)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2023	ND	2.00	100	2.00	1.08		
Toluene*	<0.050	0.050	10/06/2023	ND	1.95	97.7	2.00	1.88		
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.03	102	2.00	2.49		
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.09	102	6.00	2.93		
Total BTEX	<0.300	0.300	10/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	10/05/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2023	ND	193	96.7	200	2.78	
DRO >C10-C28*	<10.0	10.0	10/04/2023	ND	195	97.3	200	2.67	
EXT DRO >C28-C36	<10.0	10.0	10/04/2023	ND					

Surrogate: 1-Chlorooctane 90.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/02/2023
 Reported: 10/06/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/02/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 5 0-4' (H235355-24)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2023	ND	2.00	100	2.00	1.08		
Toluene*	<0.050	0.050	10/06/2023	ND	1.95	97.7	2.00	1.88		
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.03	102	2.00	2.49		
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.09	102	6.00	2.93		
Total BTEX	<0.300	0.300	10/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	832	16.0	10/05/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2023	ND	193	96.7	200	2.78	
DRO >C10-C28*	<10.0	10.0	10/04/2023	ND	195	97.3	200	2.67	
EXT DRO >C28-C36	<10.0	10.0	10/04/2023	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/02/2023
 Reported: 10/06/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/02/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 14 0-4' (H235355-25)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2023	ND	2.00	100	2.00	1.08		
Toluene*	<0.050	0.050	10/06/2023	ND	1.95	97.7	2.00	1.88		
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.03	102	2.00	2.49		
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.09	102	6.00	2.93		
Total BTEX	<0.300	0.300	10/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	10/05/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2023	ND	193	96.7	200	2.78	
DRO >C10-C28*	<10.0	10.0	10/04/2023	ND	195	97.3	200	2.67	
EXT DRO >C28-C36	<10.0	10.0	10/04/2023	ND					

Surrogate: 1-Chlorooctane 86.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/02/2023
 Reported: 10/06/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/02/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 15 0-4' (H235355-26)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.00	100	2.00	1.08	
Toluene*	<0.050	0.050	10/06/2023	ND	1.95	97.7	2.00	1.88	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.03	102	2.00	2.49	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.09	102	6.00	2.93	
Total BTX	<0.300	0.300	10/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	848	16.0	10/05/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2023	ND	193	96.7	200	2.78	
DRO >C10-C28*	<10.0	10.0	10/04/2023	ND	195	97.3	200	2.67	
EXT DRO >C28-C36	<10.0	10.0	10/04/2023	ND					

Surrogate: 1-Chlorooctane 90.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager

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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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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No:

4335355

Page 1 of 3

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Matthews
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

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

Project Name:	Trionyx 6 Fed 5	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	
Project Number:	237508	Due Date:			
Project Location:	Lea Co, NM	TAT starts the day received by the lab, if received by 4:30pm			
Sampler's Name:	Clayton Tumas				
PO #:	21179945				
SAMPLE RECEIPT					
Received Inact:	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	140		
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:			
Total Containers:	26	Temperature Reading:	0.32		
		Corrected Temperature:			
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water
CS-1	4'	10/2/2023		X	Comp
CS-2	4'	10/2/2023		X	Comp
CS-3	4'	10/2/2023		X	Comp
CS-4	4'	10/2/2023		X	Comp
CS-5	4'	10/2/2023		X	Comp
CS-6	4'	10/2/2023		X	Comp
CS-7	4'	10/2/2023		X	Comp
CS-8	4'	10/2/2023		X	Comp
CS-9	4'	10/2/2023		X	Comp
CS-10	4'	10/2/2023		X	Comp
ANALYSIS REQUEST					
Parameters					
BTEX 8021B					
TPH 8015M (GRO + DRO + MRO)					
Chloride 4500					
HOLD					
Preservative Codes					
None: NO DI Water: H ₂ O					
Cool: Cool MeOH: Me					
HCL: HC HNO ₃ : HN					
H ₂ SO ₄ : H ₂ NaOH: Na					
H ₃ PO ₄ : HP					
NaHSO ₄ : NABIS					
Na ₂ S ₂ O ₅ : NaSO ₃					
Zn Acetate+NaOH: Zn					
NaOH+Ascorbic Acid: SAPC					
Sample Comments					

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		10-2-23 1515			



Chain of Custody

Work Order No: A235BSS

Page 2 of 3

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Matthews
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

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

Project Name:	Trionyx 6 Fed 5		<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush		Pres. Code	ANALYSIS REQUEST										Preservative Codes			
Project Number:	237508															None: NO Cool: Cool HCL: HC H ₂ SO ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC			
Project Location:	Lea Co, NM		Due Date:																
Sampler's Name:	Clayton Tumas		TAT starts the day received by the lab, if received by 4:30pm																
PO #:	21179945																		
SAMPLE RECEIPT			Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													
Received In tact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID:	140															
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Correction Factor:																
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Temperature Reading:	0.32															
Total Containers:	26		Corrected Temperature:																
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments	
CS-11	4'	10/2/2023		X		Comp	1	X	X	X									
CS-12	4'	10/2/2023		X		Comp	1	X	X	X									
CS-13	4'	10/2/2023		X		Comp	1	X	X	X									
CS-14	4'	10/2/2023		X		Comp	1	X	X	X									
CS-15	4'	10/2/2023		X		Comp	1	X	X	X									
CS-16	4'	10/2/2023		X		Comp	1	X	X	X									
CS-17	4'	10/2/2023		X		Comp	1	X	X	X									
CS-18	4'	10/2/2023		X		Comp	1	X	X	X									
CS-19	4'	10/2/2023		X		Comp	1	X	X	X									
SW-1	0-4'	10/2/2023		X		Comp	1	X	X	X									

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	10-2-23 1515			



Chain of Custody

Work Order No: H035355

Page 3 of 3

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Matthews
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

Program: <input type="checkbox"/> ST/PT <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project: <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/PT <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Reporting Level II	<input type="checkbox"/> Level III <input type="checkbox"/> ST/PT <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:		Trionyx 6 Fed 5		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<u>[Signature]</u>	<u>[Signature]</u>	10-2-23 1515			



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

October 05, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: TRIONYX 6 FED #5H

Enclosed are the results of analyses for samples received by the laboratory on 10/04/23 13:39.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/04/2023
 Reported: 10/05/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/04/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 20 (4') (H235400-01)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/04/2023	ND	2.04	102	2.00	2.49		
Toluene*	<0.050	0.050	10/04/2023	ND	2.04	102	2.00	1.71		
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	1.96	97.8	2.00	2.21		
Total Xylenes*	<0.150	0.150	10/04/2023	ND	5.86	97.7	6.00	3.05		
Total BTX	<0.300	0.300	10/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	592	16.0	10/05/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2023	ND	195	97.4	200	3.33	
DRO >C10-C28*	<10.0	10.0	10/04/2023	ND	199	99.7	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	10/04/2023	ND					

Surrogate: 1-Chlorooctane 91.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/04/2023
 Reported: 10/05/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/04/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 21 (4') (H235400-02)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/04/2023	ND	2.04	102	2.00	2.49		
Toluene*	<0.050	0.050	10/04/2023	ND	2.04	102	2.00	1.71		
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	1.96	97.8	2.00	2.21		
Total Xylenes*	<0.150	0.150	10/04/2023	ND	5.86	97.7	6.00	3.05		
Total BTEX	<0.300	0.300	10/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2320	16.0	10/05/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2023	ND	195	97.4	200	3.33	
DRO >C10-C28*	<10.0	10.0	10/04/2023	ND	199	99.7	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	10/04/2023	ND					

Surrogate: 1-Chlorooctane 95.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/04/2023
 Reported: 10/05/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/04/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 22 (4') (H235400-03)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	2.04	102	2.00	2.49	
Toluene*	<0.050	0.050	10/04/2023	ND	2.04	102	2.00	1.71	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	1.96	97.8	2.00	2.21	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	5.86	97.7	6.00	3.05	
Total BTX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1920	16.0	10/05/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2023	ND	195	97.4	200	3.33	
DRO >C10-C28*	<10.0	10.0	10/04/2023	ND	199	99.7	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	10/04/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/04/2023
 Reported: 10/05/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/04/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 23 (4') (H235400-04)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/05/2023	ND	2.04	102	2.00	2.49	
Toluene*	<0.050	0.050	10/05/2023	ND	2.04	102	2.00	1.71	
Ethylbenzene*	<0.050	0.050	10/05/2023	ND	1.96	97.8	2.00	2.21	
Total Xylenes*	<0.150	0.150	10/05/2023	ND	5.86	97.7	6.00	3.05	
Total BTX	<0.300	0.300	10/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1220	16.0	10/05/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2023	ND	195	97.4	200	3.33	
DRO >C10-C28*	<10.0	10.0	10/04/2023	ND	199	99.7	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	10/04/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 131 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/04/2023
 Reported: 10/05/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/04/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 24 (4') (H235400-05)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/05/2023	ND	2.04	102	2.00	2.49	
Toluene*	<0.050	0.050	10/05/2023	ND	2.04	102	2.00	1.71	
Ethylbenzene*	<0.050	0.050	10/05/2023	ND	1.96	97.8	2.00	2.21	
Total Xylenes*	<0.150	0.150	10/05/2023	ND	5.86	97.7	6.00	3.05	
Total BTX	<0.300	0.300	10/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2000	16.0	10/05/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2023	ND	195	97.4	200	3.33	
DRO >C10-C28*	<10.0	10.0	10/04/2023	ND	199	99.7	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	10/04/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Analytical Results For:

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

Received: 10/04/2023
 Reported: 10/05/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/04/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 25 (4') (H235400-06)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/05/2023	ND	2.04	102	2.00	2.49	
Toluene*	<0.050	0.050	10/05/2023	ND	2.04	102	2.00	1.71	
Ethylbenzene*	<0.050	0.050	10/05/2023	ND	1.96	97.8	2.00	2.21	
Total Xylenes*	<0.150	0.150	10/05/2023	ND	5.86	97.7	6.00	3.05	
Total BTEX	<0.300	0.300	10/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1250	16.0	10/05/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2023	ND	195	97.4	200	3.33	
DRO >C10-C28*	<10.0	10.0	10/04/2023	ND	199	99.7	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	10/04/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 127 % 49.1-148

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Analytical Results For:

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

Received: 10/04/2023
 Reported: 10/05/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/04/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 26 (4') (H235400-07)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/05/2023	ND	2.04	102	2.00	2.49		
Toluene*	<0.050	0.050	10/05/2023	ND	2.04	102	2.00	1.71		
Ethylbenzene*	<0.050	0.050	10/05/2023	ND	1.96	97.8	2.00	2.21		
Total Xylenes*	<0.150	0.150	10/05/2023	ND	5.86	97.7	6.00	3.05		
Total BTEX	<0.300	0.300	10/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4960	16.0	10/05/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2023	ND	195	97.4	200	3.33	
DRO >C10-C28*	<10.0	10.0	10/04/2023	ND	199	99.7	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	10/04/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 127 % 49.1-148

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Analytical Results For:

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

Received: 10/04/2023
 Reported: 10/05/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/04/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 27 (4') (H235400-08)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/05/2023	ND	2.04	102	2.00	2.49	
Toluene*	<0.050	0.050	10/05/2023	ND	2.04	102	2.00	1.71	
Ethylbenzene*	<0.050	0.050	10/05/2023	ND	1.96	97.8	2.00	2.21	
Total Xylenes*	<0.150	0.150	10/05/2023	ND	5.86	97.7	6.00	3.05	
Total BTEX	<0.300	0.300	10/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1120	16.0	10/05/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2023	ND	195	97.4	200	3.33	
DRO >C10-C28*	<10.0	10.0	10/04/2023	ND	199	99.7	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	10/04/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 136 % 49.1-148

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Analytical Results For:

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

Received: 10/04/2023
 Reported: 10/05/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/04/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 28 (4') (H235400-09)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/05/2023	ND	2.04	102	2.00	2.49		
Toluene*	<0.050	0.050	10/05/2023	ND	2.04	102	2.00	1.71		
Ethylbenzene*	<0.050	0.050	10/05/2023	ND	1.96	97.8	2.00	2.21		
Total Xylenes*	<0.150	0.150	10/05/2023	ND	5.86	97.7	6.00	3.05		
Total BTEX	<0.300	0.300	10/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1810	16.0	10/05/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2023	ND	195	97.4	200	3.33	
DRO >C10-C28*	<10.0	10.0	10/04/2023	ND	199	99.7	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	10/04/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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Analytical Results For:

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

Received: 10/04/2023
 Reported: 10/05/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/04/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 29 (4') (H235400-10)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/05/2023	ND	2.04	102	2.00	2.49		
Toluene*	<0.050	0.050	10/05/2023	ND	2.04	102	2.00	1.71		
Ethylbenzene*	<0.050	0.050	10/05/2023	ND	1.96	97.8	2.00	2.21		
Total Xylenes*	<0.150	0.150	10/05/2023	ND	5.86	97.7	6.00	3.05		
Total BTEx	<0.300	0.300	10/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2760	16.0	10/05/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2023	ND	195	97.4	200	3.33	
DRO >C10-C28*	<10.0	10.0	10/04/2023	ND	199	99.7	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	10/04/2023	ND					

Surrogate: 1-Chlorooctane 99.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/04/2023
 Reported: 10/05/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/04/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 30 (4') (H235400-11)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/05/2023	ND	2.04	102	2.00	2.49	
Toluene*	<0.050	0.050	10/05/2023	ND	2.04	102	2.00	1.71	
Ethylbenzene*	<0.050	0.050	10/05/2023	ND	1.96	97.8	2.00	2.21	
Total Xylenes*	<0.150	0.150	10/05/2023	ND	5.86	97.7	6.00	3.05	
Total BTEx	<0.300	0.300	10/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1340	16.0	10/05/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2023	ND	195	97.4	200	3.33	
DRO >C10-C28*	<10.0	10.0	10/04/2023	ND	199	99.7	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	10/04/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 131 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/04/2023
 Reported: 10/05/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/04/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 31 (4') (H235400-12)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/05/2023	ND	2.04	102	2.00	2.49	
Toluene*	<0.050	0.050	10/05/2023	ND	2.04	102	2.00	1.71	
Ethylbenzene*	<0.050	0.050	10/05/2023	ND	1.96	97.8	2.00	2.21	
Total Xylenes*	<0.150	0.150	10/05/2023	ND	5.86	97.7	6.00	3.05	
Total BTEX	<0.300	0.300	10/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	10/05/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2023	ND	195	97.4	200	3.33	
DRO >C10-C28*	<10.0	10.0	10/04/2023	ND	199	99.7	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	10/04/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/04/2023
 Reported: 10/05/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/04/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 32 (4') (H235400-13)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/05/2023	ND	2.04	102	2.00	2.49		
Toluene*	<0.050	0.050	10/05/2023	ND	2.04	102	2.00	1.71		
Ethylbenzene*	<0.050	0.050	10/05/2023	ND	1.96	97.8	2.00	2.21		
Total Xylenes*	<0.150	0.150	10/05/2023	ND	5.86	97.7	6.00	3.05		
Total BTEx	<0.300	0.300	10/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	912	16.0	10/05/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2023	ND	195	97.4	200	3.33	
DRO >C10-C28*	<10.0	10.0	10/04/2023	ND	199	99.7	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	10/04/2023	ND					

Surrogate: 1-Chlorooctane 97.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/04/2023
 Reported: 10/05/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/04/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 33 (4') (H235400-14)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/05/2023	ND	2.04	102	2.00	2.49	
Toluene*	<0.050	0.050	10/05/2023	ND	2.04	102	2.00	1.71	
Ethylbenzene*	<0.050	0.050	10/05/2023	ND	1.96	97.8	2.00	2.21	
Total Xylenes*	<0.150	0.150	10/05/2023	ND	5.86	97.7	6.00	3.05	
Total BTEX	<0.300	0.300	10/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1460	16.0	10/05/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2023	ND	195	97.4	200	3.33	
DRO >C10-C28*	<10.0	10.0	10/04/2023	ND	199	99.7	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	10/04/2023	ND					

Surrogate: 1-Chlorooctane 90.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Analytical Results For:

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

Received: 10/04/2023
 Reported: 10/05/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/04/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 6 (0-4') (H235400-15)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/05/2023	ND	2.04	102	2.00	2.49		
Toluene*	<0.050	0.050	10/05/2023	ND	2.04	102	2.00	1.71		
Ethylbenzene*	<0.050	0.050	10/05/2023	ND	1.96	97.8	2.00	2.21		
Total Xylenes*	<0.150	0.150	10/05/2023	ND	5.86	97.7	6.00	3.05		
Total BTEX	<0.300	0.300	10/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	10/05/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2023	ND	195	97.4	200	3.33	
DRO >C10-C28*	<10.0	10.0	10/04/2023	ND	199	99.7	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	10/04/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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Analytical Results For:

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

Received: 10/04/2023
 Reported: 10/05/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/04/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 7 (0-4') (H235400-16)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/05/2023	ND	2.04	102	2.00	2.49	
Toluene*	<0.050	0.050	10/05/2023	ND	2.04	102	2.00	1.71	
Ethylbenzene*	<0.050	0.050	10/05/2023	ND	1.96	97.8	2.00	2.21	
Total Xylenes*	<0.150	0.150	10/05/2023	ND	5.86	97.7	6.00	3.05	
Total BTEX	<0.300	0.300	10/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	912	16.0	10/05/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2023	ND	195	97.4	200	3.33	
DRO >C10-C28*	<10.0	10.0	10/04/2023	ND	199	99.7	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	10/04/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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Analytical Results For:

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

Received: 10/04/2023
 Reported: 10/05/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/04/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 8 (0-4') (H235400-17)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/05/2023	ND	2.04	102	2.00	2.49		
Toluene*	<0.050	0.050	10/05/2023	ND	2.04	102	2.00	1.71		
Ethylbenzene*	<0.050	0.050	10/05/2023	ND	1.96	97.8	2.00	2.21		
Total Xylenes*	<0.150	0.150	10/05/2023	ND	5.86	97.7	6.00	3.05		
Total BTEX	<0.300	0.300	10/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	10/05/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2023	ND	195	97.4	200	3.33	
DRO >C10-C28*	<10.0	10.0	10/04/2023	ND	199	99.7	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	10/04/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 133 % 49.1-148

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Analytical Results For:

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

Received: 10/04/2023
 Reported: 10/05/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/04/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 9 (0-4') (H235400-18)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/05/2023	ND	2.04	102	2.00	2.49		
Toluene*	<0.050	0.050	10/05/2023	ND	2.04	102	2.00	1.71		
Ethylbenzene*	<0.050	0.050	10/05/2023	ND	1.96	97.8	2.00	2.21		
Total Xylenes*	<0.150	0.150	10/05/2023	ND	5.86	97.7	6.00	3.05		
Total BTEx	<0.300	0.300	10/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	848	16.0	10/05/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2023	ND	195	97.4	200	3.33	
DRO >C10-C28*	<10.0	10.0	10/04/2023	ND	199	99.7	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	10/04/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 131 % 49.1-148

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Analytical Results For:

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

Received: 10/04/2023
 Reported: 10/05/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/04/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 10 (0-4') (H235400-19)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/05/2023	ND	2.04	102	2.00	2.49		
Toluene*	<0.050	0.050	10/05/2023	ND	2.04	102	2.00	1.71		
Ethylbenzene*	<0.050	0.050	10/05/2023	ND	1.96	97.8	2.00	2.21		
Total Xylenes*	<0.150	0.150	10/05/2023	ND	5.86	97.7	6.00	3.05		
Total BTEX	<0.300	0.300	10/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1960	16.0	10/05/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	195	97.4	200	3.33	
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	199	99.7	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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Analytical Results For:

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

Received: 10/04/2023
 Reported: 10/05/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/04/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 11 (0-4') (H235400-20)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/05/2023	ND	2.04	102	2.00	2.49	
Toluene*	<0.050	0.050	10/05/2023	ND	2.04	102	2.00	1.71	
Ethylbenzene*	<0.050	0.050	10/05/2023	ND	1.96	97.8	2.00	2.21	
Total Xylenes*	<0.150	0.150	10/05/2023	ND	5.86	97.7	6.00	3.05	
Total BTEX	<0.300	0.300	10/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2080	16.0	10/05/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	195	97.4	200	3.33	
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	199	99.7	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 127 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/04/2023
 Reported: 10/05/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/04/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 12 (0-4') (H235400-21)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	2.13	106	2.00	1.33	
Toluene*	<0.050	0.050	10/04/2023	ND	2.10	105	2.00	0.710	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.20	110	2.00	0.438	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.61	110	6.00	0.0625	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1550	16.0	10/05/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2023	ND	191	95.3	200	9.47	
DRO >C10-C28*	<10.0	10.0	10/04/2023	ND	197	98.7	200	5.42	
EXT DRO >C28-C36	<10.0	10.0	10/04/2023	ND					

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 143 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/04/2023
 Reported: 10/05/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/04/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 13 (0-4') (H235400-22)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/04/2023	ND	2.13	106	2.00	1.33		
Toluene*	<0.050	0.050	10/04/2023	ND	2.10	105	2.00	0.710		
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.20	110	2.00	0.438		
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.61	110	6.00	0.0625		
Total BTEX	<0.300	0.300	10/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1120	16.0	10/05/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2023	ND	191	95.3	200	9.47	
DRO >C10-C28*	<10.0	10.0	10/04/2023	ND	197	98.7	200	5.42	
EXT DRO >C28-C36	<10.0	10.0	10/04/2023	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 136 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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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A handwritten signature in black ink, appearing to read "C. D. Keene".

Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No: 4935400

Page 1 of 3

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

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

Project Name:	Trionyx 6 Fed #5H	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST										Preservative Codes			
Project Number:	237508	Due Date:	48hr												None: NO	DI Water: H ₂ O		
Project Location:	Lea Co. NM	TAT starts the day received by the lab, if received by 4:30pm													Cool: Cool	MeOH: Me		
Sampler's Name:	Kellan Smith														HCL: HC	HNO ₃ : HN		
PO #	21179945														H ₂ SO ₄ : H ₂	NaOH: Na		
SAMPLE RECEIPT	Temp Blank: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													H ₃ PO ₄ : HP			
Received Inact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	F70												NaHSO ₄ : NABIS			
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Correction Factor:	F7E												Na ₂ S ₂ O ₅ : NaSO ₃			
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:													Zn Acetate+NaOH: Zn			
Total Containers:	22	Corrected Temperature:													NaOH+Ascorbic Acid: SAPC			
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments	
CS-20 (4')	10/4/2023		X		Comp	1	X	X	X							HOLD <u>10/4/2023 1331</u>		
CS-21 (4')	10/4/2023		X		Comp	1	X	X	X									
CS-22 (4')	10/4/2023		X		Comp	1	X	X	X									
CS-23 (4')	10/4/2023		X		Comp	1	X	X	X									
CS-24 (4')	10/4/2023		X		Comp	1	X	X	X									
CS-25 (4')	10/4/2023		X		Comp	1	X	X	X									
CS-26 (4')	10/4/2023		X		Comp	1	X	X	X									
CS-27 (4')	10/4/2023		X		Comp	1	X	X	X									
CS-28 (4')	10/4/2023		X		Comp	1	X	X	X									
CS-29 (4')	10/4/2023		X		Comp	1	X	X	X									

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<u>[Signature]</u>	<u>[Signature]</u>	10/4/23 1331			



Chain of Custody

Work Order No: HA35400

Page 2 of 3

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

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

Project Name:	Trionyx 6 Fed #5H	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST												Preservative Codes						
Project Number:	237508	Due Date:	48hr														None: NO DI Water: H ₂ O						
Project Location:	Lea Co. NM	TAT starts the day received by the lab, if received by 4:30pm															Cool: Cool MeOH: Me						
Sampler's Name:	Kellan Smith																HCL: HC HNO ₃ : HN						
PO #:	21179945																H ₂ SO ₄ : H ₂ NaOH: Na						
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													H ₃ PO ₄ : HP					
Received Inact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	F40															NaHSO ₄ : NABIS					
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Correction Factor:	1.7															Na ₂ S ₂ O ₃ : NaSO ₃					
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:	1.7															Zn Acetate+NaOH: Zn					
Total Containers:	22	Corrected Temperature:																NaOH+Ascorbic Acid: SAPC					
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters												Sample Comments				
CS-30 (4')	10/4/2023		X		Comp	1	X	X	X	BTEX 8021B												11	
CS-31 (4')	10/4/2023		X		Comp	1	X	X	X	TPH 8015M (GRO + DRO + MRO)												12	
CS-32 (4')	10/4/2023		X		Comp	1	X	X	X	Chloride 4500												13	
CS-33 (4')	10/4/2023		X		Comp	1	X	X	X													14	
SW-6 (0-4')	10/4/2023		X		Comp	1	X	X	X													15	
SW-7 (0-4')	10/4/2023		X		Comp	1	X	X	X													16	
SW-8 (0-4')	10/4/2023		X		Comp	1	X	X	X													17	
SW-9 (0-4')	10/4/2023		X		Comp	1	X	X	X													18	
SW-10 (0-4')	10/4/2023		X		Comp	1	X	X	X													19	
SW-11 (0-4')	10/4/2023		X		Comp	1	X	X	X													20	

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<u>[Signature]</u>	<u>[Signature]</u>	10/4/23 1339			



Chain of Custody

Work Order No: 4935400

Page 3 of 3

Page 27 of 27



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

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

[illegible][illegible]

Additional Comments:

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of Xencio. A minimum charge of \$95.00 will be applied to every project with a charge of \$95.00.			Date/Time		
Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		10/23/2020 13:39			

Revised Date: 05/01/2020 Rev. 2020



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

October 18, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: TRIONYX 6 FED #5H

Enclosed are the results of analyses for samples received by the laboratory on 10/16/23 15:30.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/16/2023
 Reported: 10/18/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 3 5' (H235630-01)

BTEx 8021B			mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/17/2023	ND	1.85	92.4	2.00	2.26		
Toluene*	<0.050	0.050	10/17/2023	ND	1.84	92.1	2.00	3.60		
Ethylbenzene*	<0.050	0.050	10/17/2023	ND	1.82	90.9	2.00	5.96		
Total Xylenes*	<0.150	0.150	10/17/2023	ND	5.30	88.4	6.00	3.89		
Total BTEX	<0.300	0.300	10/17/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2040	16.0	10/17/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/17/2023	ND	178	89.0	200	0.477	
DRO >C10-C28*	<10.0	10.0	10/17/2023	ND	173	86.4	200	5.52	
EXT DRO >C28-C36	<10.0	10.0	10/17/2023	ND					

Surrogate: 1-Chlorooctane 68.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 61.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/16/2023
 Reported: 10/18/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 34 4' (H235630-02)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/17/2023	ND	1.85	92.4	2.00	2.26		
Toluene*	<0.050	0.050	10/17/2023	ND	1.84	92.1	2.00	3.60		
Ethylbenzene*	<0.050	0.050	10/17/2023	ND	1.82	90.9	2.00	5.96		
Total Xylenes*	<0.150	0.150	10/17/2023	ND	5.30	88.4	6.00	3.89		
Total BTEX	<0.300	0.300	10/17/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3320	16.0	10/17/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/17/2023	ND	178	89.0	200	0.477	
DRO >C10-C28*	<10.0	10.0	10/17/2023	ND	173	86.4	200	5.52	
EXT DRO >C28-C36	<10.0	10.0	10/17/2023	ND					

Surrogate: 1-Chlorooctane 55.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 49.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/16/2023
 Reported: 10/18/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 35 4' (H235630-03)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/17/2023	ND	1.85	92.4	2.00	2.26	
Toluene*	<0.050	0.050	10/17/2023	ND	1.84	92.1	2.00	3.60	
Ethylbenzene*	<0.050	0.050	10/17/2023	ND	1.82	90.9	2.00	5.96	
Total Xylenes*	<0.150	0.150	10/17/2023	ND	5.30	88.4	6.00	3.89	
Total BTEX	<0.300	0.300	10/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1360	16.0	10/17/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/17/2023	ND	178	89.0	200	0.477	
DRO >C10-C28*	<10.0	10.0	10/17/2023	ND	173	86.4	200	5.52	
EXT DRO >C28-C36	<10.0	10.0	10/17/2023	ND					

Surrogate: 1-Chlorooctane 64.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 59.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/16/2023
 Reported: 10/18/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 36 4' (H235630-04)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/17/2023	ND	1.85	92.4	2.00	2.26	
Toluene*	<0.050	0.050	10/17/2023	ND	1.84	92.1	2.00	3.60	
Ethylbenzene*	<0.050	0.050	10/17/2023	ND	1.82	90.9	2.00	5.96	
Total Xylenes*	<0.150	0.150	10/17/2023	ND	5.30	88.4	6.00	3.89	
Total BTEX	<0.300	0.300	10/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	736	16.0	10/17/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/17/2023	ND	178	89.0	200	0.477	
DRO >C10-C28*	<10.0	10.0	10/17/2023	ND	173	86.4	200	5.52	
EXT DRO >C28-C36	<10.0	10.0	10/17/2023	ND					

Surrogate: 1-Chlorooctane 68.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 60.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/16/2023
 Reported: 10/18/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 37 4' (H235630-05)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/17/2023	ND	1.85	92.4	2.00	2.26	
Toluene*	<0.050	0.050	10/17/2023	ND	1.84	92.1	2.00	3.60	
Ethylbenzene*	<0.050	0.050	10/17/2023	ND	1.82	90.9	2.00	5.96	
Total Xylenes*	<0.150	0.150	10/17/2023	ND	5.30	88.4	6.00	3.89	
Total BTEX	<0.300	0.300	10/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3280	16.0	10/17/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/18/2023	ND	178	89.0	200	0.477	
DRO >C10-C28*	<10.0	10.0	10/18/2023	ND	173	86.4	200	5.52	
EXT DRO >C28-C36	<10.0	10.0	10/18/2023	ND					

Surrogate: 1-Chlorooctane 71.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.2 % 49.1-148

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Analytical Results For:

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

Received: 10/16/2023
 Reported: 10/18/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 2A 0-4' (H235630-06)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/17/2023	ND	1.85	92.4	2.00	2.26		
Toluene*	<0.050	0.050	10/17/2023	ND	1.84	92.1	2.00	3.60		
Ethylbenzene*	<0.050	0.050	10/17/2023	ND	1.82	90.9	2.00	5.96		
Total Xylenes*	<0.150	0.150	10/17/2023	ND	5.30	88.4	6.00	3.89		
Total BTEx	<0.300	0.300	10/17/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	448	16.0	10/17/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/18/2023	ND	178	89.0	200	0.477	
DRO >C10-C28*	<10.0	10.0	10/18/2023	ND	173	86.4	200	5.52	
EXT DRO >C28-C36	<10.0	10.0	10/18/2023	ND					

Surrogate: 1-Chlorooctane 87.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.8 % 49.1-148

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Analytical Results For:

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

Received: 10/16/2023
 Reported: 10/18/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 5A 0-4' (H235630-07)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/17/2023	ND	1.85	92.4	2.00	2.26	
Toluene*	<0.050	0.050	10/17/2023	ND	1.84	92.1	2.00	3.60	
Ethylbenzene*	<0.050	0.050	10/17/2023	ND	1.82	90.9	2.00	5.96	
Total Xylenes*	<0.150	0.150	10/17/2023	ND	5.30	88.4	6.00	3.89	
Total BTEX	<0.300	0.300	10/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	10/17/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/17/2023	ND	178	89.0	200	0.477	
DRO >C10-C28*	<10.0	10.0	10/17/2023	ND	173	86.4	200	5.52	
EXT DRO >C28-C36	<10.0	10.0	10/17/2023	ND					

Surrogate: 1-Chlorooctane 67.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 59.6 % 49.1-148

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Analytical Results For:

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

Received: 10/16/2023
 Reported: 10/18/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 7A 0-4' (H235630-08)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/17/2023	ND	1.85	92.4	2.00	2.26	
Toluene*	<0.050	0.050	10/17/2023	ND	1.84	92.1	2.00	3.60	
Ethylbenzene*	<0.050	0.050	10/17/2023	ND	1.82	90.9	2.00	5.96	
Total Xylenes*	<0.150	0.150	10/17/2023	ND	5.30	88.4	6.00	3.89	
Total BTEX	<0.300	0.300	10/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 121 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2680	16.0	10/17/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/17/2023	ND	178	89.0	200	0.477	
DRO >C10-C28*	<10.0	10.0	10/17/2023	ND	173	86.4	200	5.52	
EXT DRO >C28-C36	<10.0	10.0	10/17/2023	ND					

Surrogate: 1-Chlorooctane 73.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.3 % 49.1-148

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Analytical Results For:

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

Received: 10/16/2023
 Reported: 10/18/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 9A 0-4' (H235630-09)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/17/2023	ND	1.85	92.4	2.00	2.26	
Toluene*	<0.050	0.050	10/17/2023	ND	1.84	92.1	2.00	3.60	
Ethylbenzene*	<0.050	0.050	10/17/2023	ND	1.82	90.9	2.00	5.96	
Total Xylenes*	<0.150	0.150	10/17/2023	ND	5.30	88.4	6.00	3.89	
Total BTEX	<0.300	0.300	10/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 121 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1340	16.0	10/17/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/18/2023	ND	178	89.0	200	0.477	
DRO >C10-C28*	<10.0	10.0	10/18/2023	ND	173	86.4	200	5.52	
EXT DRO >C28-C36	<10.0	10.0	10/18/2023	ND					

Surrogate: 1-Chlorooctane 88.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.2 % 49.1-148

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Analytical Results For:

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

Received: 10/16/2023
 Reported: 10/18/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 10A 0-4' (H235630-10)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/17/2023	ND	1.85	92.4	2.00	2.26		
Toluene*	<0.050	0.050	10/17/2023	ND	1.84	92.1	2.00	3.60		
Ethylbenzene*	<0.050	0.050	10/17/2023	ND	1.82	90.9	2.00	5.96		
Total Xylenes*	<0.150	0.150	10/17/2023	ND	5.30	88.4	6.00	3.89		
Total BTEX	<0.300	0.300	10/17/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 121 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	10/17/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/17/2023	ND	178	89.0	200	0.477	
DRO >C10-C28*	<10.0	10.0	10/17/2023	ND	173	86.4	200	5.52	
EXT DRO >C28-C36	<10.0	10.0	10/17/2023	ND					

Surrogate: 1-Chlorooctane 76.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/16/2023
 Reported: 10/18/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 11A 0-4' (H235630-11)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/17/2023	ND	1.85	92.4	2.00	2.26		
Toluene*	<0.050	0.050	10/17/2023	ND	1.84	92.1	2.00	3.60		
Ethylbenzene*	<0.050	0.050	10/17/2023	ND	1.82	90.9	2.00	5.96		
Total Xylenes*	<0.150	0.150	10/17/2023	ND	5.30	88.4	6.00	3.89		
Total BTX	<0.300	0.300	10/17/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 123 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	688	16.0	10/17/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/17/2023	ND	178	89.0	200	0.477	
DRO >C10-C28*	<10.0	10.0	10/17/2023	ND	173	86.4	200	5.52	
EXT DRO >C28-C36	<10.0	10.0	10/17/2023	ND					

Surrogate: 1-Chlorooctane 66.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 57.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/16/2023
 Reported: 10/18/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 12A 0-4' (H235630-12)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/17/2023	ND	1.85	92.4	2.00	2.26		
Toluene*	<0.050	0.050	10/17/2023	ND	1.84	92.1	2.00	3.60		
Ethylbenzene*	<0.050	0.050	10/17/2023	ND	1.82	90.9	2.00	5.96		
Total Xylenes*	<0.150	0.150	10/17/2023	ND	5.30	88.4	6.00	3.89		
Total BTEX	<0.300	0.300	10/17/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 123 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	640	16.0	10/17/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/17/2023	ND	178	89.0	200	0.477	
DRO >C10-C28*	<10.0	10.0	10/17/2023	ND	173	86.4	200	5.52	
EXT DRO >C28-C36	<10.0	10.0	10/17/2023	ND					

Surrogate: 1-Chlorooctane 71.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 63.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/16/2023
 Reported: 10/18/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 13A 0-4' (H235630-13)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/17/2023	ND	1.84	91.8	2.00	2.37		
Toluene*	<0.050	0.050	10/17/2023	ND	1.75	87.5	2.00	1.05		
Ethylbenzene*	<0.050	0.050	10/17/2023	ND	1.77	88.7	2.00	1.12		
Total Xylenes*	<0.150	0.150	10/17/2023	ND	5.27	87.8	6.00	1.22		
Total BTX	<0.300	0.300	10/17/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/17/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/18/2023	ND	178	89.0	200	0.477	
DRO >C10-C28*	<10.0	10.0	10/18/2023	ND	173	86.4	200	5.52	
EXT DRO >C28-C36	<10.0	10.0	10/18/2023	ND					

Surrogate: 1-Chlorooctane 92.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.1 % 49.1-148

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Analytical Results For:

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

Received: 10/16/2023
 Reported: 10/18/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 15A 0-4' (H235630-14)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/17/2023	ND	1.84	91.8	2.00	2.37		
Toluene*	<0.050	0.050	10/17/2023	ND	1.75	87.5	2.00	1.05		
Ethylbenzene*	<0.050	0.050	10/17/2023	ND	1.77	88.7	2.00	1.12		
Total Xylenes*	<0.150	0.150	10/17/2023	ND	5.27	87.8	6.00	1.22		
Total BTEx	<0.300	0.300	10/17/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	608	16.0	10/17/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/17/2023	ND	178	89.0	200	0.477	
DRO >C10-C28*	<10.0	10.0	10/17/2023	ND	173	86.4	200	5.52	
EXT DRO >C28-C36	<10.0	10.0	10/17/2023	ND					

Surrogate: 1-Chlorooctane 62.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 54.7 % 49.1-148

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Analytical Results For:

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

Received: 10/16/2023
 Reported: 10/18/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 16 0-5' (H235630-15)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/17/2023	ND	1.84	91.8	2.00	2.37		
Toluene*	<0.050	0.050	10/17/2023	ND	1.75	87.5	2.00	1.05		
Ethylbenzene*	<0.050	0.050	10/17/2023	ND	1.77	88.7	2.00	1.12		
Total Xylenes*	<0.150	0.150	10/17/2023	ND	5.27	87.8	6.00	1.22		
Total BTEx	<0.300	0.300	10/17/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	688	16.0	10/17/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/17/2023	ND	178	89.0	200	0.477	
DRO >C10-C28*	<10.0	10.0	10/17/2023	ND	173	86.4	200	5.52	
EXT DRO >C28-C36	<10.0	10.0	10/17/2023	ND					

Surrogate: 1-Chlorooctane 77.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.0 % 49.1-148

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Analytical Results For:

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

Received: 10/16/2023
 Reported: 10/18/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 17 4-5' (H235630-16)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/17/2023	ND	1.84	91.8	2.00	2.37		
Toluene*	<0.050	0.050	10/17/2023	ND	1.75	87.5	2.00	1.05		
Ethylbenzene*	<0.050	0.050	10/17/2023	ND	1.77	88.7	2.00	1.12		
Total Xylenes*	<0.150	0.150	10/17/2023	ND	5.27	87.8	6.00	1.22		
Total BTEx	<0.300	0.300	10/17/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	752	16.0	10/17/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/18/2023	ND	178	89.0	200	0.477	
DRO >C10-C28*	<10.0	10.0	10/18/2023	ND	173	86.4	200	5.52	
EXT DRO >C28-C36	<10.0	10.0	10/18/2023	ND					

Surrogate: 1-Chlorooctane 84.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.5 % 49.1-148

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Analytical Results For:

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

Received: 10/16/2023
 Reported: 10/18/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 18 4-5' (H235630-17)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/17/2023	ND	1.84	91.8	2.00	2.37	
Toluene*	<0.050	0.050	10/17/2023	ND	1.75	87.5	2.00	1.05	
Ethylbenzene*	<0.050	0.050	10/17/2023	ND	1.77	88.7	2.00	1.12	
Total Xylenes*	<0.150	0.150	10/17/2023	ND	5.27	87.8	6.00	1.22	
Total BTX	<0.300	0.300	10/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	10/17/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/17/2023	ND	178	89.0	200	0.477	
DRO >C10-C28*	<10.0	10.0	10/17/2023	ND	173	86.4	200	5.52	
EXT DRO >C28-C36	<10.0	10.0	10/17/2023	ND					

Surrogate: 1-Chlorooctane 61.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 55.3 % 49.1-148

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Analytical Results For:

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

Received: 10/16/2023
 Reported: 10/18/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 19 4-5' (H235630-18)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/17/2023	ND	1.84	91.8	2.00	2.37		
Toluene*	<0.050	0.050	10/17/2023	ND	1.75	87.5	2.00	1.05		
Ethylbenzene*	<0.050	0.050	10/17/2023	ND	1.77	88.7	2.00	1.12		
Total Xylenes*	<0.150	0.150	10/17/2023	ND	5.27	87.8	6.00	1.22		
Total BTEx	<0.300	0.300	10/17/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1090	16.0	10/17/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/18/2023	ND	178	89.0	200	0.477	
DRO >C10-C28*	<10.0	10.0	10/18/2023	ND	173	86.4	200	5.52	
EXT DRO >C28-C36	<10.0	10.0	10/18/2023	ND					

Surrogate: 1-Chlorooctane 81.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/16/2023
 Reported: 10/18/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 1A 0-4' (H235630-19)**BTEX 8021B****mg/kg****Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/17/2023	ND	1.84	91.8	2.00	2.37	
Toluene*	<0.050	0.050	10/17/2023	ND	1.75	87.5	2.00	1.05	
Ethylbenzene*	<0.050	0.050	10/17/2023	ND	1.77	88.7	2.00	1.12	
Total Xylenes*	<0.150	0.150	10/17/2023	ND	5.27	87.8	6.00	1.22	
Total BTEX	<0.300	0.300	10/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B**mg/kg****Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1060	16.0	10/17/2023	ND	416	104	400	3.77	

TPH 8015M**mg/kg****Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/17/2023	ND	178	89.0	200	0.477	
DRO >C10-C28*	<10.0	10.0	10/17/2023	ND	173	86.4	200	5.52	
EXT DRO >C28-C36	<10.0	10.0	10/17/2023	ND					

Surrogate: 1-Chlorooctane 69.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 59.7 % 49.1-148

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Analytical Results For:

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

Received: 10/16/2023
 Reported: 10/18/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 38 4' (H235630-20)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/17/2023	ND	1.84	91.8	2.00	2.37		
Toluene*	<0.050	0.050	10/17/2023	ND	1.75	87.5	2.00	1.05		
Ethylbenzene*	<0.050	0.050	10/17/2023	ND	1.77	88.7	2.00	1.12		
Total Xylenes*	<0.150	0.150	10/17/2023	ND	5.27	87.8	6.00	1.22		
Total BTEX	<0.300	0.300	10/17/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	944	16.0	10/17/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/17/2023	ND	178	89.0	200	0.477	
DRO >C10-C28*	<10.0	10.0	10/17/2023	ND	173	86.4	200	5.52	
EXT DRO >C28-C36	<10.0	10.0	10/17/2023	ND					

Surrogate: 1-Chlorooctane 57.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 52.0 % 49.1-148

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Analytical Results For:

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

Received: 10/16/2023
 Reported: 10/18/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 39 (H235630-21)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/17/2023	ND	1.84	91.8	2.00	2.37		
Toluene*	<0.050	0.050	10/17/2023	ND	1.75	87.5	2.00	1.05		
Ethylbenzene*	<0.050	0.050	10/17/2023	ND	1.77	88.7	2.00	1.12		
Total Xylenes*	<0.150	0.150	10/17/2023	ND	5.27	87.8	6.00	1.22		
Total BTEx	<0.300	0.300	10/17/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1120	16.0	10/17/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/17/2023	ND	172	86.0	200	3.79	
DRO >C10-C28*	<10.0	10.0	10/17/2023	ND	187	93.5	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	10/17/2023	ND					

Surrogate: 1-Chlorooctane 84.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.5 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No:

H235630

Project Manager: Ethan Sessums		Bill to: (if different)		Wesley Matthews															
Company Name: NTG Environmental		Company Name:		Devon Energy															
Address: 209 W McKay St		Address:		6488 Seven Rivers Highway															
City, State ZIP: Carlsbad, NM 88220		City, State ZIP:		Artesia, NM 88210															
Phone: (432) 701-2159		Email: Wesley.Matthews@dev.com																	
Project Name: Trionyx 6 Federal #005H		Turn Around: <input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush		Pres. Code															
Project Number: 237508		Due Date: 48hr																	
Project Location: Lea Co. NM		TAT starts the day received by the lab, if received by 4:30pm																	
Sampler's Name: Kellan Smith																			
PO #: 21179945																			
SAMPLE RECEIPT		Temp Blank: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Wet Ice: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>															
Received Intact: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID: 146																	
Cooler Custody Seals: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Correction Factor: 1.32																	
Sample Custody Seals: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Temperature Reading: 1.32																	
Total Containers: 21		Corrected Temperature:																	
Sample Identification		Depth	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters										
CS-3		5'	10/16/2023		X		Comp	1	BTEX 8021B										
CS-34		4'	10/16/2023		X		Comp	1	TPH 8015M (GRO + DRO + MRO)										
CS-35		4'	10/16/2023		X		Comp	1	Chloride 4500										
CS-36		4'	10/16/2023		X		Comp	1											
CS-37		4'	10/16/2023		X		Comp	1											
SW-2A		0.4'	10/16/2023		X		Comp	1											
SW-5A		0.4'	10/16/2023		X		Comp	1											
SW-7A		0.4'	10/16/2023		X		Comp	1											
SW-9A		0.4'	10/16/2023		X		Comp	1											
SW-10A		0.4'	10/16/2023		X		Comp	1											
Additional Comments:																			
Relinquished by: (Signature)		Received by: (Signature)		Date/Time		Relinquished by: (Signature)		Received by: (Signature)		Date/Time		Work Order Comments							
[Signature]		[Signature]		10/16/23 1530		[Signature]		[Signature]		2		Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>							
												State of Project: Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>							
												Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other: <input type="checkbox"/>							
												Preservative Codes							
												None: NO DI Water: H ₂ O							
												Cool: Cool MeOH: Me							
												HCL: HC HNO ₃ : HN							
												H ₂ SO ₄ : H ₂ NaOH: Na							
												H ₃ PO ₄ : HP							
												NaHSO ₄ : NABIS							
												Na ₂ S ₂ O ₃ : NaSO ₃							
												Zn Acetate+NaOH: Zn							
												NaOH+Ascorbic Acid: SAPC							
												Sample Comments							



Chain of Custody

Work Order No: H235630

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Matthews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	209 W McKay St	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	(432) 701-2159	Email:	Wesley Matthews@dyn.com

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

Project Name:	Trionyx 6 Federal #005H		Turn Around	Pres. Code	ANALYSIS REQUEST												Preservative Codes		
Project Number:	237508		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush														None: NO	DI Water: H ₂ O	
Project Location:	Lea Co. NM		Due Date:	48hr													Cool: Cool	MeOH: Me	
Sampler's Name:	Kellan Smith		TAT starts the day received by the lab, if received by 4:30pm														HCL: HC	HNO ₃ : HN	
PO #:	21179945																H ₂ SO ₄ : H ₂	NaOH: Na	
SAMPLE RECEIPT			Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>											HOLD		H ₃ PO ₄ : HP
Received Intact:			Thermometer ID:																NaHSO ₄ : NABIS
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Temperature Reading:																Zn Acetate+NaOH: Zn
Total Containers:	21		Corrected Temperature:																NaOH+Ascorbic Acid: SAPC
Sample Identification	Depth	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters										Sample Comments	
SW-11A	0-4'	10/16/2023		X		Comp	1	X	X	X	X								
SW-12A	0-4'	10/16/2023		X		Comp	1	X	X	X	X								
SW-13A	0-4'	10/16/2023		X		Comp	1	X	X	X	X								
SW-15A	0-4'	10/16/2023		X		Comp	1	X	X	X	X								
SW-16	0-5'	10/16/2023		X		Comp	1	X	X	X	X								
SW-17	4-5'	10/16/2023		X		Comp	1	X	X	X	X								
SW-18	4-5'	10/16/2023		X		Comp	1	X	X	X	X								
SW-19	4-5'	10/16/2023		X		Comp	1	X	X	X	X								
SW-1A	0-4'	10/16/2023		X		Comp	1	X	X	X	X								
CS-38	4'	10/16/23		X		Comp	1	X	X	X	X								

Additional Comments:

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		10-16-23 1530 ²			
		4			
		6			



Company Name: N76E

Page 26 of 26

Report to:
Ethan Sessums



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Practical Solutions for a Better Tomorrow

Analytical Report

NTG-New Tech Global Environmental

Project Name: Trionyx 6 Federal #005H

Work Order: E310263

Job Number: 01058-0007

Received: 10/26/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/27/23

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
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Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.

Date Reported: 10/27/23

Ethan Sessums
911 Regional Park Dr.
Houston, TX 77060



Project Name: Trionyx 6 Federal #005H
Workorder: E310263
Date Received: 10/26/2023 8:30:00AM

Ethan Sessums,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/26/2023 8:30:00AM, under the Project Name: Trionyx 6 Federal #005H.

The analytical test results summarized in this report with the Project Name: Trionyx 6 Federal #005H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

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Laboratory Administrator
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Sample Summary

NTG-New Tech Global Environmental	Project Name:	Trionyx 6 Federal #005H	Reported:
911 Regional Park Dr.	Project Number:	01058-0007	
Houston TX, 77060	Project Manager:	Ethan Sessums	10/27/23 15:37

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW-15B 0-4'	E310263-01A	Soil	10/24/23	10/26/23	Glass Jar, 2 oz.



Sample Data

NTG-New Tech Global Environmental
911 Regional Park Dr.
Houston TX, 77060

Project Name: Trionyx 6 Federal #005H
Project Number: 01058-0007
Project Manager: Ethan Sessums

Reported:
10/27/2023 3:37:16PM

SW-15B 0-4'

E310263-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2343089	
Benzene	ND	0.0250	1	10/26/23	10/26/23	
Ethylbenzene	ND	0.0250	1	10/26/23	10/26/23	
Toluene	ND	0.0250	1	10/26/23	10/26/23	
o-Xylene	ND	0.0250	1	10/26/23	10/26/23	
p,m-Xylene	ND	0.0500	1	10/26/23	10/26/23	
Total Xylenes	ND	0.0250	1	10/26/23	10/26/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.3 %	70-130		10/26/23	10/26/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2343089	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/23	10/26/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.5 %	70-130		10/26/23	10/26/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2343087	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/23	10/26/23	
<i>Surrogate: n-Nonane</i>						
	87.1 %	50-200		10/26/23	10/26/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2343088	
Chloride	ND	20.0	1	10/26/23	10/26/23	



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Trionyx 6 Federal #005H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/27/2023 3:37:16PM
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Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2343089-BLK1) Prepared: 10/26/23 Analyzed: 10/26/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.51		8.00		93.9	70-130			

LCS (2343089-BS1) Prepared: 10/26/23 Analyzed: 10/26/23

Benzene	4.74	0.0250	5.00		94.8	70-130			
Ethylbenzene	4.68	0.0250	5.00		93.6	70-130			
Toluene	4.74	0.0250	5.00		94.7	70-130			
o-Xylene	4.70	0.0250	5.00		93.9	70-130			
p,m-Xylene	9.54	0.0500	10.0		95.4	70-130			
Total Xylenes	14.2	0.0250	15.0		94.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.57		8.00		94.6	70-130			

Matrix Spike (2343089-MS1) Source: E310264-01 Prepared: 10/26/23 Analyzed: 10/26/23

Benzene	5.07	0.0250	5.00	ND	101	54-133			
Ethylbenzene	5.00	0.0250	5.00	ND	100	61-133			
Toluene	5.05	0.0250	5.00	ND	101	61-130			
o-Xylene	5.00	0.0250	5.00	ND	100	63-131			
p,m-Xylene	10.2	0.0500	10.0	ND	102	63-131			
Total Xylenes	15.2	0.0250	15.0	ND	101	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.66		8.00		95.7	70-130			

Matrix Spike Dup (2343089-MSD1) Source: E310264-01 Prepared: 10/26/23 Analyzed: 10/26/23

Benzene	5.25	0.0250	5.00	ND	105	54-133	3.39	20	
Ethylbenzene	5.17	0.0250	5.00	ND	103	61-133	3.47	20	
Toluene	5.23	0.0250	5.00	ND	105	61-130	3.46	20	
o-Xylene	5.17	0.0250	5.00	ND	103	63-131	3.28	20	
p,m-Xylene	10.5	0.0500	10.0	ND	105	63-131	3.39	20	
Total Xylenes	15.7	0.0250	15.0	ND	105	63-131	3.36	20	
Surrogate: 4-Bromochlorobenzene-PID	7.66		8.00		95.8	70-130			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Trionyx 6 Federal #005H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/27/2023 3:37:16PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2343089-BLK1) Prepared: 10/26/23 Analyzed: 10/26/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.36		8.00		92.1	70-130			

LCS (2343089-BS2) Prepared: 10/26/23 Analyzed: 10/26/23

Gasoline Range Organics (C6-C10)	44.2	20.0	50.0		88.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.39		8.00		92.4	70-130			

Matrix Spike (2343089-MS2) Source: E310264-01 Prepared: 10/26/23 Analyzed: 10/26/23

Gasoline Range Organics (C6-C10)	43.1	20.0	50.0	ND	86.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.35		8.00		91.9	70-130			

Matrix Spike Dup (2343089-MSD2) Source: E310264-01 Prepared: 10/26/23 Analyzed: 10/26/23

Gasoline Range Organics (C6-C10)	43.8	20.0	50.0	ND	87.6	70-130	1.55	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.34		8.00		91.8	70-130			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Trionyx 6 Federal #005H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/27/2023 3:37:16PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2343087-BLK1)					Prepared: 10/26/23 Analyzed: 10/26/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.0		50.0		94.1	50-200			

LCS (2343087-BS1)					Prepared: 10/26/23 Analyzed: 10/26/23				
Diesel Range Organics (C10-C28)	234	25.0	250		93.6	38-132			
Surrogate: n-Nonane	43.3		50.0		86.6	50-200			

Matrix Spike (2343087-MS1)					Source: E310264-13		Prepared: 10/26/23 Analyzed: 10/26/23		
Diesel Range Organics (C10-C28)	241	25.0	250	ND	96.3	38-132			
Surrogate: n-Nonane	42.9		50.0		85.8	50-200			

Matrix Spike Dup (2343087-MSD1)					Source: E310264-13		Prepared: 10/26/23 Analyzed: 10/26/23		
Diesel Range Organics (C10-C28)	241	25.0	250	ND	96.4	38-132	0.116	20	
Surrogate: n-Nonane	42.6		50.0		85.2	50-200			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Trionyx 6 Federal #005H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/27/2023 3:37:16PM
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Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2343088-BLK1)					Prepared: 10/26/23 Analyzed: 10/26/23				
Chloride	ND	20.0							
LCS (2343088-BS1)					Prepared: 10/26/23 Analyzed: 10/26/23				
Chloride	246	20.0	250		98.3	90-110			
Matrix Spike (2343088-MS1)					Source: E310264-05		Prepared: 10/26/23 Analyzed: 10/26/23		
Chloride	938	20.0	250	697	96.2	80-120			
Matrix Spike Dup (2343088-MSD1)					Source: E310264-05		Prepared: 10/26/23 Analyzed: 10/26/23		
Chloride	927	20.0	250	697	91.9	80-120	1.16	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.
Therefore, hand calculated values may differ slightly.



Definitions and Notes

NTG-New Tech Global Environmental	Project Name:	Trionyx 6 Federal #005H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	10/27/23 15:37

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.
- Note (1): Methods marked with ** are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.





Chain of Custody

Work Order No: E310263
Job # 01058-0007

Page 1 of 1

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Matthews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	209 W McKay St	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	(432) 701-2159	Email:	Wesley.Matthews@dv.com

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

[illegible]

Additional Comments:

Xenco, its officers or third party agents shall not be liable for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
1 Kellan Smith	Michelle George	10.25.23 1123	Michelle George	Andrew M 450	10.25.23 1745
3 Andrew M 450	Art Man	10.26.23 8:30			
5			6		

Envirotech Analytical Laboratory

Printed: 10/26/2023 3:51:45PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	NTG-New Tech Global Environmental	Date Received:	10/26/23 08:30	Work Order ID:	E310263
Phone:	(281) 872-9300	Date Logged In:	10/25/23 16:41	Logged In By:	Caitlin Mars
Email:	esssums@ntglobal.com	Due Date:	10/27/23 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? Yes

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client InstructionComments/Resolution

Time sampled not provided on COC. SRC email not sent per client request.

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.



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

October 26, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: TRIONYX 6 FED #5H

Enclosed are the results of analyses for samples received by the laboratory on 10/24/23 13:31.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/24/2023
 Reported: 10/26/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: SW - 1B 0-4' (H235820-01)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	1.95	97.6	2.00	2.52	
Toluene*	<0.050	0.050	10/25/2023	ND	2.01	100	2.00	3.00	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.01	100	2.00	2.41	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.04	101	6.00	2.54	
Total BTEX	<0.300	0.300	10/25/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/25/2023	ND	416	104	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2023	ND	185	92.6	200	3.78	
DRO >C10-C28*	<10.0	10.0	10/25/2023	ND	180	90.2	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	10/25/2023	ND					

Surrogate: 1-Chlorooctane 83.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.0 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/24/2023
 Reported: 10/26/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: SW - 5B 0-4' (H235820-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/25/2023	ND	1.95	97.6	2.00	2.52		
Toluene*	<0.050	0.050	10/25/2023	ND	2.01	100	2.00	3.00		
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.01	100	2.00	2.41		
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.04	101	6.00	2.54		
Total BTEX	<0.300	0.300	10/25/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/25/2023	ND	416	104	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2023	ND	185	92.6	200	3.78	
DRO >C10-C28*	<10.0	10.0	10/25/2023	ND	180	90.2	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	10/25/2023	ND					

Surrogate: 1-Chlorooctane 84.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/24/2023
 Reported: 10/26/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: SW - 7B 0-4' (H235820-03)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	1.95	97.6	2.00	2.52	
Toluene*	<0.050	0.050	10/25/2023	ND	2.01	100	2.00	3.00	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.01	100	2.00	2.41	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.04	101	6.00	2.54	
Total BTX	<0.300	0.300	10/25/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/25/2023	ND	416	104	400	10.9	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2023	ND	185	92.6	200	3.78	
DRO >C10-C28*	<10.0	10.0	10/25/2023	ND	180	90.2	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	10/25/2023	ND					

Surrogate: 1-Chlorooctane 83.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/24/2023
 Reported: 10/26/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: SW - 9B 0-4' (H235820-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/25/2023	ND	1.95	97.6	2.00	2.52		
Toluene*	<0.050	0.050	10/25/2023	ND	2.01	100	2.00	3.00		
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.01	100	2.00	2.41		
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.04	101	6.00	2.54		
Total BTEX	<0.300	0.300	10/25/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/25/2023	ND	416	104	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2023	ND	185	92.6	200	3.78	
DRO >C10-C28*	<10.0	10.0	10/25/2023	ND	180	90.2	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	10/25/2023	ND					

Surrogate: 1-Chlorooctane 81.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/24/2023
 Reported: 10/26/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: SW - 11B 0-4' (H235820-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/25/2023	ND	1.95	97.6	2.00	2.52		
Toluene*	<0.050	0.050	10/25/2023	ND	2.01	100	2.00	3.00		
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.01	100	2.00	2.41		
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.04	101	6.00	2.54		
Total BTEx	<0.300	0.300	10/25/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/25/2023	ND	416	104	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2023	ND	185	92.6	200	3.78	
DRO >C10-C28*	<10.0	10.0	10/25/2023	ND	180	90.2	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	10/25/2023	ND					

Surrogate: 1-Chlorooctane 75.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.6 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/24/2023
 Reported: 10/26/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: SW - 12B 0-4' (H235820-06)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	1.95	97.6	2.00	2.52	
Toluene*	<0.050	0.050	10/25/2023	ND	2.01	100	2.00	3.00	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.01	100	2.00	2.41	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.04	101	6.00	2.54	
Total BTX	<0.300	0.300	10/25/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/25/2023	ND	416	104	400	10.9	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2023	ND	185	92.6	200	3.78	
DRO >C10-C28*	<10.0	10.0	10/25/2023	ND	180	90.2	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	10/25/2023	ND					

Surrogate: 1-Chlorooctane 81.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.2 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/24/2023
 Reported: 10/26/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: SW - 16A 0-5' (H235820-07)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	1.95	97.6	2.00	2.52	
Toluene*	<0.050	0.050	10/25/2023	ND	2.01	100	2.00	3.00	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.01	100	2.00	2.41	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.04	101	6.00	2.54	
Total BTX	<0.300	0.300	10/25/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/25/2023	ND	416	104	400	10.9	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2023	ND	185	92.6	200	3.78	
DRO >C10-C28*	<10.0	10.0	10/25/2023	ND	180	90.2	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	10/25/2023	ND					

Surrogate: 1-Chlorooctane 84.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/24/2023
 Reported: 10/26/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: SW - 17A 4-5' (H235820-08)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	1.95	97.6	2.00	2.52	
Toluene*	<0.050	0.050	10/25/2023	ND	2.01	100	2.00	3.00	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.01	100	2.00	2.41	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.04	101	6.00	2.54	
Total BTX	<0.300	0.300	10/25/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/25/2023	ND	416	104	400	10.9	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2023	ND	185	92.6	200	3.78	
DRO >C10-C28*	<10.0	10.0	10/25/2023	ND	180	90.2	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	10/25/2023	ND					

Surrogate: 1-Chlorooctane 83.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.4 % 49.1-148

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Analytical Results For:

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

Received: 10/24/2023
 Reported: 10/26/2023
 Project Name: TRIONYX 6 FED #5H
 Project Number: 237508
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: SW - 19A 4-5' (H235820-09)

BTEx 8021B		mg/kg		Analyzed By: AW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/25/2023	ND	2.09	105	2.00	7.22		
Toluene*	<0.050	0.050	10/25/2023	ND	2.16	108	2.00	7.57		
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.17	109	2.00	9.06		
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.57	110	6.00	9.58		
Total BTEx	<0.300	0.300	10/25/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/25/2023	ND	416	104	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2023	ND	185	92.6	200	3.78	
DRO >C10-C28*	<10.0	10.0	10/25/2023	ND	180	90.2	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	10/25/2023	ND					

Surrogate: 1-Chlorooctane 83.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.3 % 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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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

Work Order No.: #250820

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

TERMS AND CONDITIONS: Xenoco 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 Xenoco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenoco, but not analyzed. These terms will be enforced unless previously negotiated.

REMOVED BY SIGNATURE	RECEIVED BY SIGNATURE	DATE/TIME	REMOVED BY SIGNATURE	RECEIVED BY SIGNATURE	DATE/TIME
1 Kellan Smith		10/24/23 13:31	2		
3			4		
5			6		

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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

QUESTIONS

Action 305238

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:
	6137
	Action Number:
	305238
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Prerequisites	
Incident ID (n#)	nKJ1517548438
Incident Name	NKJ1517548438 TRIONYX 6 FEDERAL #005H @ 30-025-40045
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-025-40045] TRIONYX 6 FEDERAL #005H

Location of Release Source	
Please answer all the questions in this group.	
Site Name	TRIONYX 6 FEDERAL #005H
Date Release Discovered	06/17/2015
Surface Owner	Federal

Incident Details	
Please answer all the questions in this group.	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Human Error Flow Line - Injection Produced Water Released: 75 BBL Recovered: 2 BBL Lost: 73 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 305238

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	305238
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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.

I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmn.com Date: 01/18/2024
--	--

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QUESTIONS, Page 3

Action 305238

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 305238
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS**Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). 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 in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Between 1 and 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride	(EPA 300.0 or SM4500 Cl B)	1800
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	10
GRO+DRO	(EPA SW-846 Method 8015M)	10
BTEX	(EPA SW-846 Method 8021B or 8260B)	0.3
Benzene	(EPA SW-846 Method 8021B or 8260B)	0

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	10/02/2023
On what date will (or did) the final sampling or liner inspection occur	10/24/2023
On what date will (or was) the remediation complete(d)	10/27/2023
What is the estimated surface area (in square feet) that will be reclaimed	7717
What is the estimated volume (in cubic yards) that will be reclaimed	1151
What is the estimated surface area (in square feet) that will be remediated	7717
What is the estimated volume (in cubic yards) that will be remediated	1151

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 4

Action 305238

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	305238
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS**Remediation Plan (continued)**

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:

(Select all answers below that apply.)

(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	LEA LAND LANDFILL [fEEM0112342028]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

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.

I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmn.com Date: 01/18/2024
--	--

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 5

Action 305238

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:
	6137
	Action Number:
	305238
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 305238

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	305238
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	305231
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/02/2023
What was the (estimated) number of samples that were to be gathered	12
What was the sampling surface area in square feet	1000

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	7717
What was the total volume (cubic yards) remediated	1151
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	7717
What was the total volume (in cubic yards) reclaimed	1151
Summarize any additional remediation activities not included by answers (above)	see report

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 (in .pdf format) 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.

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.

I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmn.com Date: 01/18/2024
--	--

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

QUESTIONS, Page 7

Action 305238

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:
	6137
	Action Number:
	305238
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 305238

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:
	6137
	Action Number:
	305238
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

CONDITIONS

Created By	Condition	Condition Date
amaxwell	Remediation Closure approved. All areas not reasonably needed for production or subsequent drilling operations will need to be reclaimed and revegetated as soon as practical. Areas reasonably needed for production or subsequent drilling operations will need to be reclaimed and revegetated as soon as they are no longer reasonably needed. A report for reclamation and revegetation will need to be submitted and approved prior to this incident receiving the final status of "Restoration Complete".	1/19/2024