



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

January 8, 2024

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

Re: Closure Request
100 Feet North of Trionyx 6 FED 5
Unit O, S6, T25S, R32E
Site Coordinates: 32.153375, -103.713265
Lea County, New Mexico
Incident ID: nAPP2331135655

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 October 27th, 2023. The release was a result of an operator tearing a 12" flat hose line with a backhoe. This resulted in the release of approximately 231 barrels (bbls) of produced water of which 30 bbls were recovered for a net loss of 201 bbls of produced water. Upon discovery, the equipment was shut-in, and area was secured. The release area and final excavation map is shown on Figure 3 with initial C-141 form 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 sources 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. The well 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).

General Site Characterization and Groundwater:

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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					

Remedial Action Activities and Confirmation Sampling

After the removal of free-standing fluids with a vacuum truck, Devon proceeded with the remedial actions at the Site to include the excavation and disposal of impacted soils above the regulatory limits. The open excavation was extended to a depth of six (6) feet below ground surface (ft bgs) along with sidewalls.

On November 30th, 2023, NTGE was on site to conduct confirmation sampling event. A total of thirty-one (31) composite confirmation samples were collected from the excavation base (CS-1 through CS-31) and twelve (12) composite confirmation samples were collected from the excavation sidewalls (SW-1 through SW-12) 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. 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). Analytical results indicated that multiple composite confirmation excavation base and side wall samples (CS-31, SW-3 through SW-8, and SW-12) were above NMOCD regulatory criterion for chloride concentrations.

As a result, the impacted area CS-31 was excavated further down to seven (7) ft bgs. In addition, areas of side wall confirmation samples above Table I, Closure Criteria were horizontally expanded. On December 20th, 2023, additional composite confirmation samples were collected from vertically and horizontally expanded areas of the excavation. A total of nine (9) composite confirmation samples were collected from the excavation base (CS-31 through CS-39) and ten (10) composite confirmation samples were collected from the excavation sidewalls (SW-3A through SW-8A, SW-12A, SW-13 through SW-15). Samples were sent to Cardinal laboratories for analysis of BTEX, TPH, and chlorides. Analytical results indicated that all confirmation samples were below NMOCD regulatory criterion.

The final excavation extent and confirmation sample locations are shown on Figure 3. Analytical results of the confirmation samples are included in Table 2.

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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 and closure request for the Site. If you have any questions regarding this report or need additional information, please contact us at 432-701- 2159.

Sincerely,

NTG Environmental



Ethan Sessums
Project Manager

Attachments:

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

Kenny Han

From: Ethan Sessums
Sent: Tuesday, November 28, 2023 9:41 AM
To: Enviro, OCD, EMNRD
Cc: NTG Env Carlsbad
Subject: Sampling Notification

nKJ1517548438	Trionyx 6 Fed 5	6/17/2015
nAPP2331135655	Trionyx 6 Fed 5	10/27/2023

NTG on behalf of DEVON will be conducting confirmation sampling at the above-mentioned site on Thursday the 30th persisting until close of business Friday the 1st.

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/>



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OCD Permitting

Home Operator Data Action Status Action Search Results Action Status Item Details

[NOTIFY] Notification Of Sampling (C-141N) Application

Submission Information

Submission ID:	294687	Districts:	Hobbs
Operator:	[6137] DEVON ENERGY PRODUCTION COMPANY, LP	Counties:	Lea
Description:	DEVON ENERGY PRODUCTION COMPANY, LP [6137] , 100 FT NORTH OF THE TRIONYX 6 FED 5 , nAPP2331135655		
Status:	APPROVED		
Status Date:	12/14/2023		
References (2):	30-025-40045, nAPP2331135655		

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)	nAPP2331135655
Incident Name	NAPP2331135655 100 FT NORTH OF THE TRIONYX 6 FED 5 @ 30-025-40045
Incident Type	Produced Water Release
Incident Status	Initial C-141 Received

Date Release Discovered	10/27/2023
Surface Owner	Federal

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet

1,200

What is the estimated number of samples that will be gathered

7

Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC

12/18/2023

Time sampling will commence

09:00 AM

Warning: Notification can not be less than two business days prior to conducting final sampling.

Please provide any information necessary for observers to contact samplers

NTG 254-266-5456, 12/18 to 12/22

Please provide any information necessary for navigation to sampling site

Lat/Long: 32.153375,-103.713265 NAD83

Acknowledgments

This submission type does not have acknowledgments, at this time.

Comments

No comments found for this submission.

Conditions

Summary:

wdale (12/14/2023), Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.

INITIAL AND FINAL C-141

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

State of New Mexico
Energy Minerals and Natural
Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

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

Location of Release Source

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

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

Unit Letter	Section	Township	Range	County

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

Nature and Volume of Release

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

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

Cause of Release

Incident ID	
District RP	
Facility ID	
Application ID	

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

Initial Response

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

<input type="checkbox"/> The source of the release has been stopped.	
<input type="checkbox"/> The impacted area has been secured to protect human health and the environment.	
<input type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.	
<input type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
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: Dale Woodall	Date: _____
email: dale.woodall@dv.com	Telephone: 575-748-1838
<u>OCD Only</u>	
Received by: Shelly Wells	Date: 11/7/2023

Incident ID	nAPP2331135655
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>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.

<p>Characterization Report Checklist: <i>Each of the following items must be included in the report.</i></p> <div><input checked="" type="checkbox"/> Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.<input type="checkbox"/> Field data<input checked="" type="checkbox"/> Data table of soil contaminant concentration data<input checked="" type="checkbox"/> Depth to water determination<input checked="" type="checkbox"/> Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release<input type="checkbox"/> Boring or excavation logs<input checked="" type="checkbox"/> Photographs including date and GIS information<input checked="" type="checkbox"/> Topographic/Aerial maps<input checked="" type="checkbox"/> Laboratory data including chain of custody</div>

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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District RP	
Facility ID	
Application ID	

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

Printed Name: Dale Woodall Title: Env. Professional

Signature: _____ Date: 1/5/2024

Email: dale.woodall@dvn.com Telephone: 575-748-1938

OCD Only

Received by: _____ Date: _____

Incident ID	nAPP2331135655
District RP	
Facility ID	
Application ID	

Closure

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

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

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

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

Printed Name: Dale Woodall Title: Env. Professional
Signature: _____ Date: 1/4/2024
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: _____

SUPERVISOR'S REPORT OF EQUIPMENT, ENVIRONMENT, PROPERTY OR AUTO DAMAGE

INCIDENT DATE 10/27/23	INCIDENT TIME 2:10 p.m.	AREA/COUNTRY Lea County, NM	SITE NAME RIG 129	CUSTOMER DEVON	COMPANY REP CHRIS NORTHCUTT
<input type="checkbox"/> EQUIPMENT 12" LAY FLAT HOSE	<input type="checkbox"/> ENVIRONMENT SPILL	<input type="checkbox"/> PROPERTY DEVON	AUTOMOTIVE: N/A		
WERE ANY PERSON(S) INJURED? <input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> X IF YES, OR POTENTIAL FOR INJURY EXISTS, COMPLETE SUPERVISOR'S ACCIDENT REPORT FOR PERSONAL INJURY OR ILLNESS.			PROPERTY, EQUIPMENT OR ASSET ID NO KRT BACKHOE		
INCIDENT DESCRIPTION (IF ENVIRONMENTAL DAMAGE, GIVE TYPE, EXTENT AND REVIEW OF SPILL RESPONSE AND STATUS)					
Events leading up to and thorough description of the incident (What, When, Where, Who, How): ON 10/27/23 at 2:10 p.m. KRT employee (Edgar Vazquez) was crossing NexGen's 12" lay flat hose without the proper crossing protection (Half-moon). He was crossing caliche with his backhoe because they had started to fill in a hole. In the process of crossing the backhoe created a slash on NexGen's 12" hose causing a spill.					
DID POLICE, PUBLIC AUTHORITY OR OTHER AUTHORITY INVESTIGATE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> X NO			IF YES, PROVIDE DETAILS OR INFORMATION TO SECURE A COPY OF OFFICIAL REPORT BY ATTACHING A COPY TO THIS REPORT.		
Describe an executive summary to explain actions taken by the Area Management team to report to local authorities (What, When, Where, Who, How): The vacuum truck was called to location and recovered 30 BBL. KRT					
NABORS PROPERTY, EQUIPMENT, OR AUTOMOBILE DAMAGE INFORMATION					
IF COMPANY DRIVER WAS INVOLVED, GIVE COMPLETE NAME AND ADDRESS EDGAR VAZQUEZ			IS DAMAGED PROPERTY, EQUIPMENT, OR AUTOMOBILE A TOTAL LOSS? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
1324 BAKER AVENUE			ESTIMATE OF DAMAGE <input type="checkbox"/> \$ 10,000 OR LESS		
BRYAN TX 77803			<input type="checkbox"/> \$ 10,000 - \$50,000		
PHONE NUMBER: 979-229-5686 <input type="checkbox"/>			<input type="checkbox"/> \$ 50,000 OR MORE		
DRIVERS LICENSE & STATE: 27666766 TEXAS			HOW LONG WILL IT TAKE TO REPAIR THE DAMAGES? UNKNOWN		
HAS A SURVEY OF DAMAGE BEEN PERFORMED? <input type="checkbox"/> YES (PROVIDE DETAILS AND/OR REPORT)			230 BBL. Produce water spilled		
<input checked="" type="checkbox"/> NO (WHERE CAN DAMAGES BE SURVEYED?)			30 BBL. Produce water recovered		
CONTACT PERSON AND PHONE No.					
THIRD PARTY PROPERTY, EQUIPMENT, OR AUTOMOBILE DAMAGE INFORMATION					
THIRD PARTY OWNER NAME AND ADDRESS NOEY VAZQUEZ (Noey561@gmail.com)			DESCRIPTION OF PROPERTY, EQUIPMENT OR AUTOMOBILE		
			A. TYPE OF PROPERTY: N/A		
			B. YEAR, MAKE, MODEL: N/A		
			C. VEHICLE I.D. NO.: N/A		
CONTACT PERSON & PHONE No. 979-229-5686					
THIRD PARTY INSURANCE INFORMATION					
THIRD PARTY INSURANCE CO.: N/A				POLICY No.	
CONTACT NAME & PHONE No.					
IF THIRD PARTY DRIVER WAS INVOLVED, GIVE COMPLETE NAME AND ADDRESS.			IS DAMAGED PROPERTY, EQUIPMENT, OR AUTOMOBILE A TOTAL LOSS? <input type="checkbox"/> YES <input type="checkbox"/> NO		
			<input type="checkbox"/> \$ 10,000 OR LESS		
			DAMAGE ESTIMATE <input type="checkbox"/> \$ 10,000 - \$50,000		
PHONE No. DOB			<input type="checkbox"/> \$50,000 OR MORE		
DRIVERS LICENSE & STATE			HOW LONG WILL IT TAKE TO REPAIR DAMAGES?		
HAS A SURVEY OF DAMAGE BEEN PERFORMED? <input type="checkbox"/> YES (PROVIDE DETAILS AND/OR REPORT)					
<input type="checkbox"/> NO (WHERE CAN DAMAGES BE SURVEYED?)					
CONTACT PERSON AND PHONE No.					

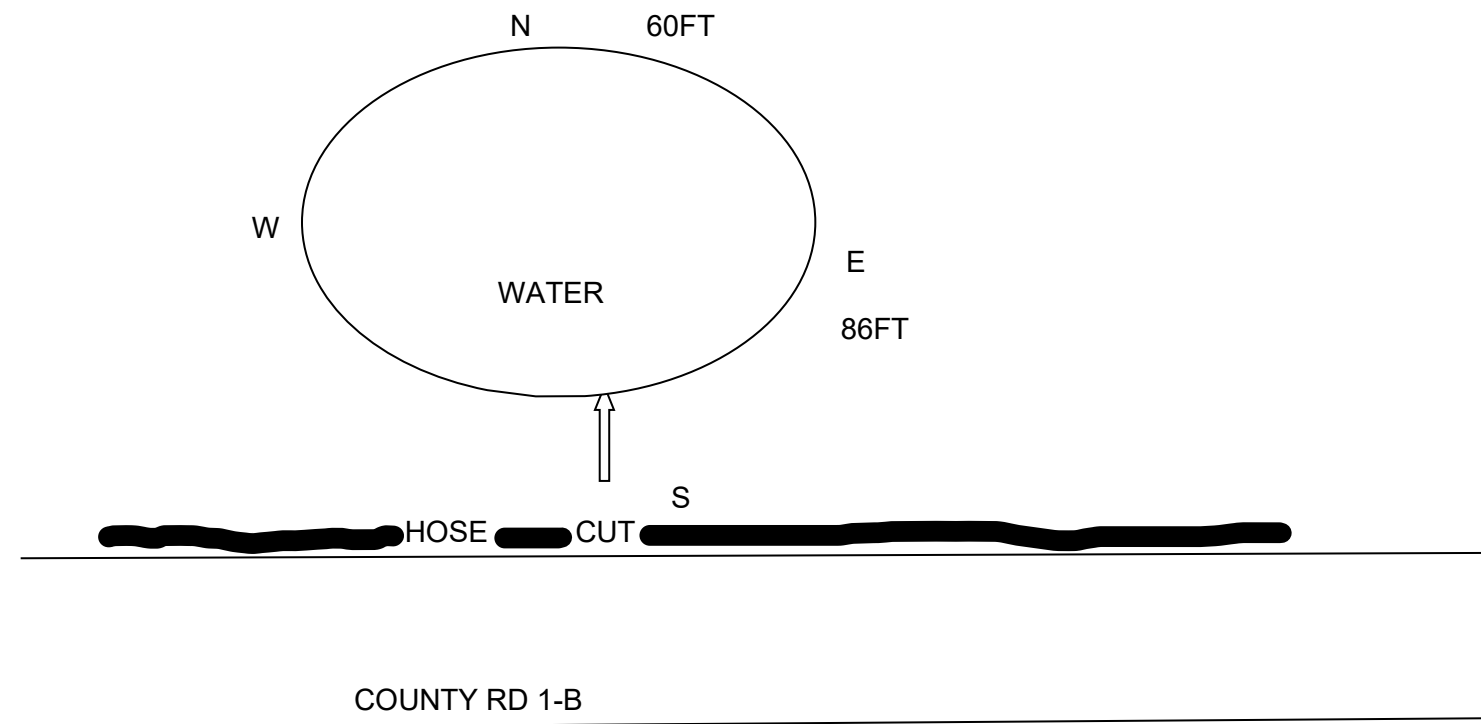
WITNESS INFORMATION (COMPLETE HSE-F0053, INTERVIEWER'S NOTES)

WITNESS NAME	ADDRESS	PHONE
JESUS ENRIQUE PIEDRA		940-463-2276
CHRIS NORTHCUTT		575-513-0014

ACKNOWLEDGEMENT	NAME	SIGNATURE	DATE
Reported By:	JESUS ENRIQUE PIEDRA	_____	10/28/2023
Immediate Supervisor	JESUS AVILA	_____	10/28/2023
Site Supervisor	DANIEL AGUAYO	_____	10/28/2023
Superintendent	THEODORE CABRERA	_____	10/28/2023
Area HSE Manager	LUIS ASTRAIN	_____	10/28/2023







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

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

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

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

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

CONDITIONS

Action 283394

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 283394
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	11/7/2023

SITE CHARACTERIZATION INFORMATION

NMOCD Closure Criteria

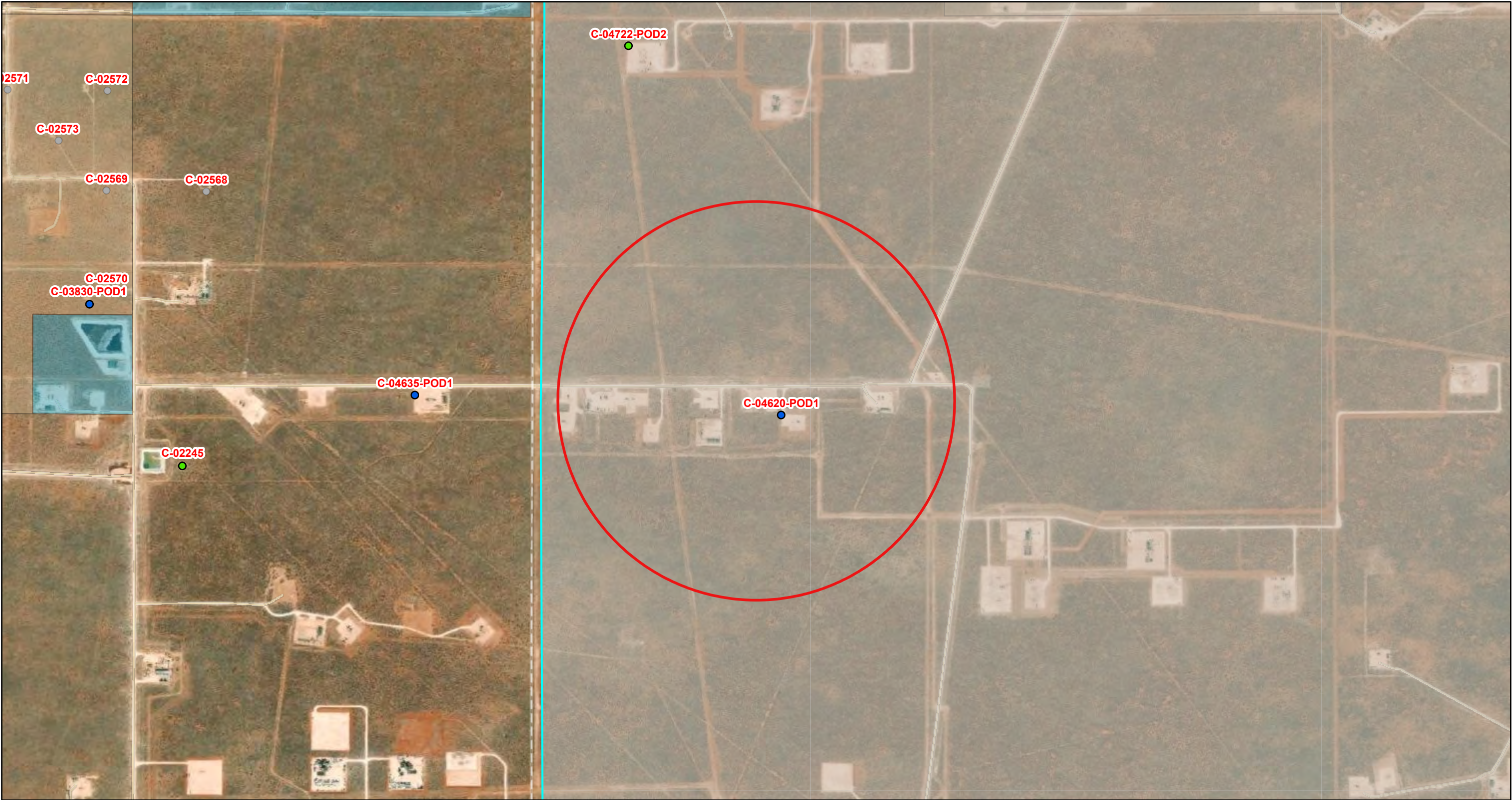
100ft North of Trionyx 6 Fed 5

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

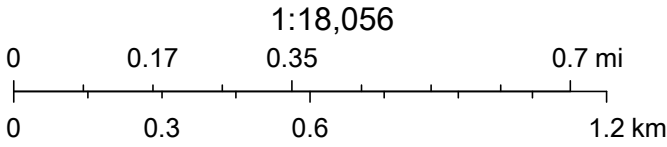
Closure Area

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 LATITUDE 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.	POD 1	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: <input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER - SPECIFY:					TOTAL ESTIMATED 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 DT 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;"> <div>  SIGNATURE OF DRILLER / PRINT SIGNEE NAME </div> <div> Jackie D. Atkins DATE </div> </div>	6/9/2022

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

•

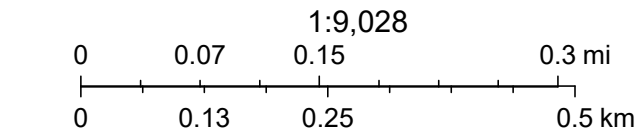
 Oil, Cancelled

•

 Oil, New
- 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

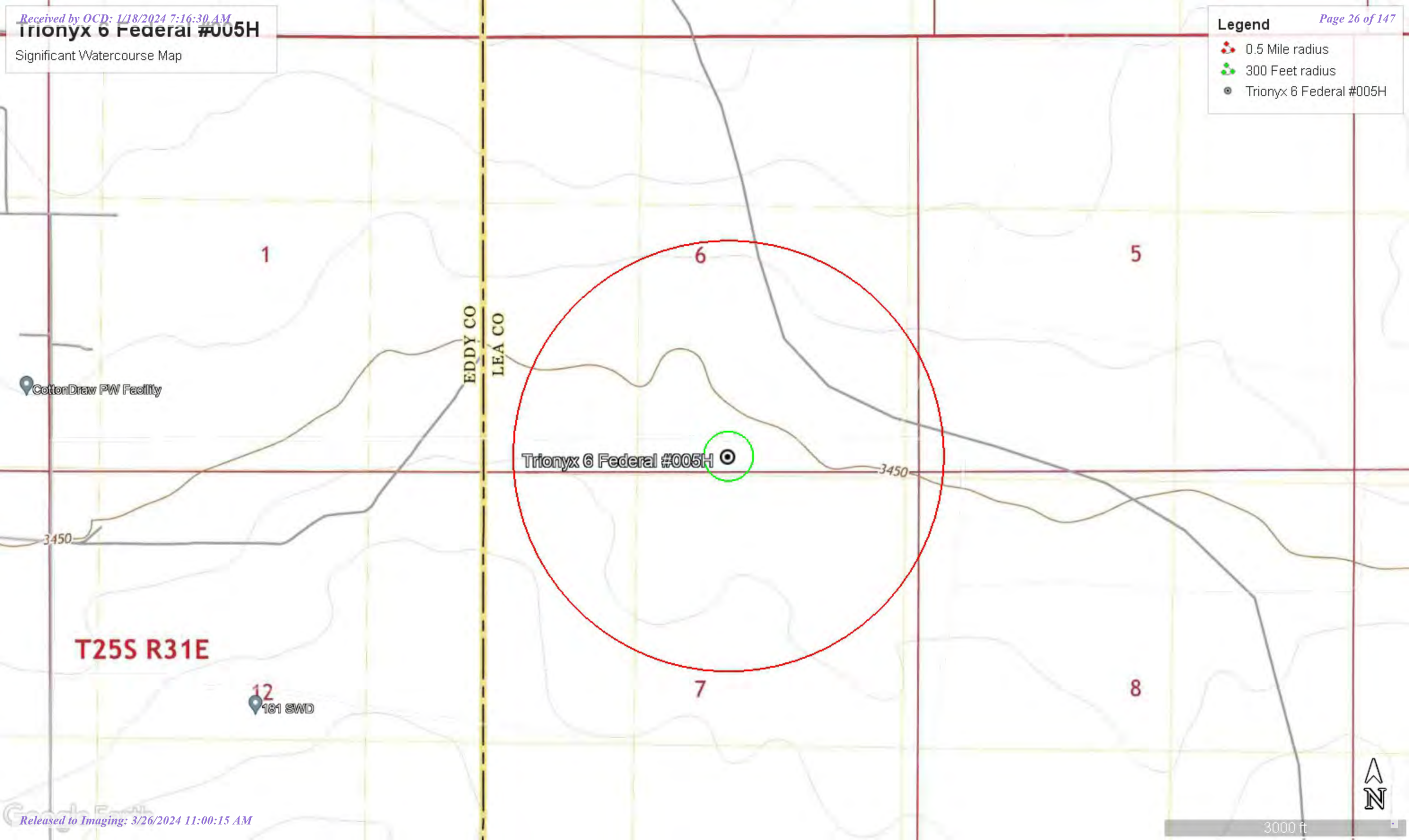
This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

Trionyx 6 Federal #005H

Significant Watercourse Map

Legend

- 0.5 Mile radius
- 300 Feet radius
- Trionyx 6 Federal #005H



T25S R31E

12
181 SWD



3000 ft

National Flood Hazard Layer FIRMette



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) <i>Zone A, V, A99</i>
		With BFE or Depth <i>Zone AE, AO, AH, VE, AR</i>
		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 <i>Zone X</i>
		Future Conditions 1% Annual Chance Flood Hazard <i>Zone X</i>
		Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone X</i>
		Area with Flood Risk due to Levee <i>Zone D</i>
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard <i>Zone X</i>
		Effective LOMRs
GENERAL STRUCTURES		Area of Undetermined Flood Hazard <i>Zone D</i>
		Channel, Culvert, or Storm Sewer
OTHER FEATURES		Levee, Dike, or Floodwall
		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
		Profile Baseline
		Hydrographic Feature
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 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)	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)		
			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	11/30/2023	6'	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	29.4	
CS-2	11/30/2023	6'	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	34.2	
CS-3	11/30/2023	6'	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	143	
CS-4	11/30/2023	6'	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	282	
CS-5	11/30/2023	6'	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	1440	
CS-6	11/30/2023	6'	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	625	
CS-7	11/30/2023	6'	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	44.1	44.1	<50.0	44.1	773	
CS-8	11/30/2023	6'	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	736	
CS-9	11/30/2023	6'	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	1300	
CS-10	11/30/2023	6'	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	1770	
CS-11	11/30/2023	6'	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	1860	
CS-12	11/30/2023	6'	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	1230	
CS-13	11/30/2023	6'	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	3250	
CS-14	11/30/2023	6'	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	2020	
CS-15	11/30/2023	6'	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	1760	
CS-16	11/30/2023	6'	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	1200	
CS-17	11/30/2023	6'	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	346	
CS-18	11/30/2023	6'	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	619	
CS-19	11/30/2023	6'	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	1890	
CS-20	11/30/2023	6'	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	579	
CS-21	11/30/2023	6'	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	893	
CS-22	11/30/2023	6'	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	3460	
CS-23	11/30/2023	6'	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	882	
CS-24	11/30/2023	6'	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	697	
CS-25	11/30/2023	6'	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	1390	
CS-26	11/30/2023	6'	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	5720	
CS-27	11/30/2023	6'	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	1200	
CS-28	11/30/2023	6'	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	2940	
CS-29	11/30/2023	6'	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	3250	
CS-30	11/30/2023	6'	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	2700	
CS-31	11/30/2023	6'	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	12600	
	12/20/2023	7'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1490	
CS-32	12/20/2023	7'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1420	
CS-33	12/20/2023	6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	848	
CS-34	12/20/2023	6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1260	
CS-35	12/20/2023	6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1070	
CS-36	12/20/2023	6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2080	
CS-37	12/20/2023	6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1810	
CS-38	12/20/2023	6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	464	
CS-39	12/20/2023	7'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1790	
Confirmation Sidewall Samples														

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 GRO/DRO/MRO (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-1	11/30/2023	0-6'	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
SW-2	11/30/2023	0-6'	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	118
SW-3	11/30/2023	0-6'	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	1290
SW-3A	12/20/2023	0-6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
SW-4	11/30/2023	0-6'	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	3460
SW-4A	12/20/2023	0-6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
SW-5	11/30/2023	0-6'	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	8160
SW-5A	12/20/2023	0-6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
SW-6	11/30/2023	0-6'	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	1640
SW-6A	12/20/2023	0-6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
SW-7	11/30/2023	0-6'	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	13600
SW-7A	12/20/2023	0-7'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272
SW-8	11/30/2023	0-6'	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	1380
SW-8A	12/20/2023	0-6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
SW-9	11/30/2023	0-6'	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	284
SW-10	11/30/2023	0-6'	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	203
SW-11	11/30/2023	0-6'	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	411
SW-12	11/30/2023	0-6'	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	2570
SW-12A	12/20/2023	0-6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
SW-13	12/20/2023	0-6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
SW-14	12/20/2023	0-6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
SW-15	12/20/2023	6-7'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320

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.

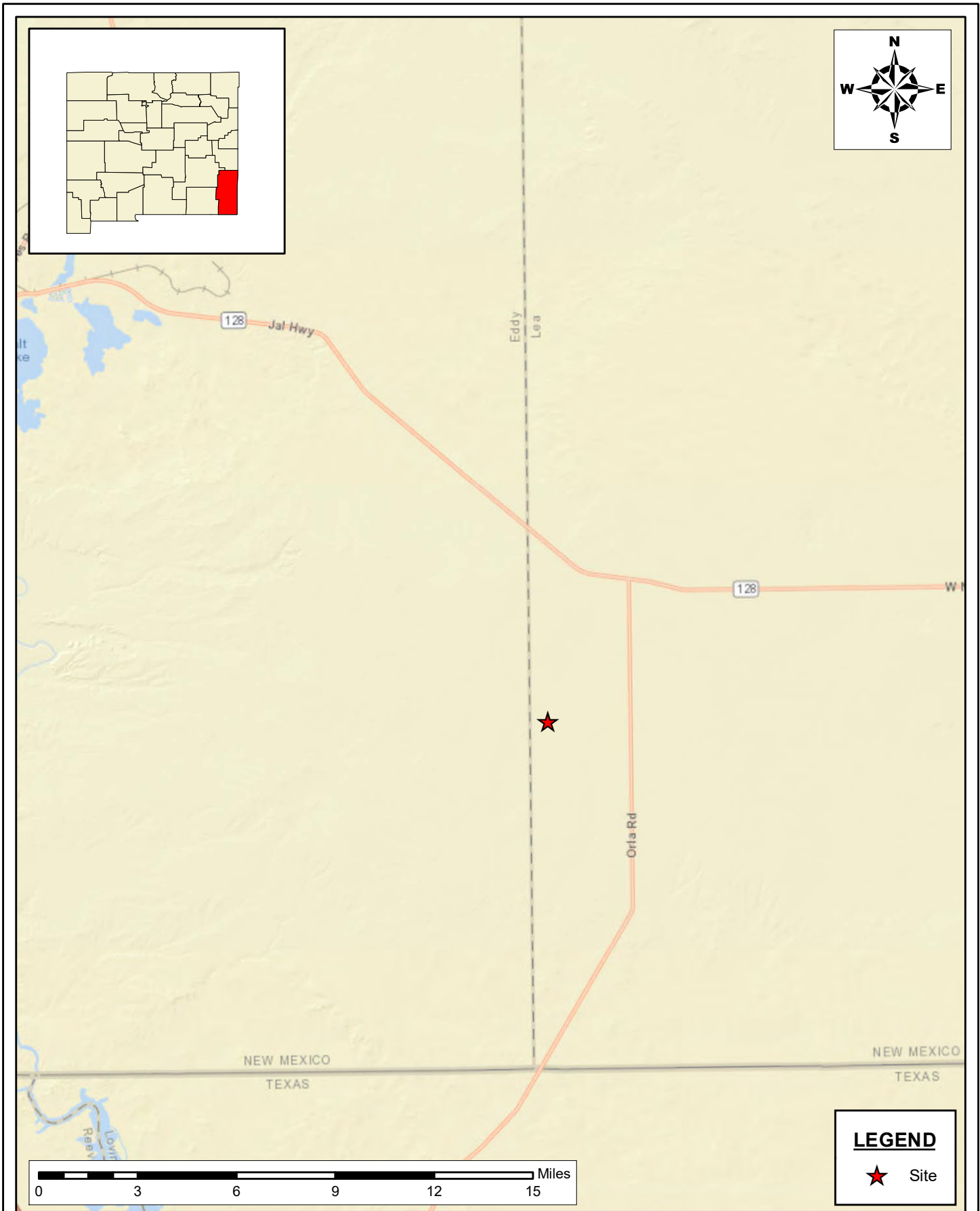
8. Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table I Closure Criteria for the site (Surface to 4 Feet Below Grade).

- Not Analyzed

SP-1 Sample Point Excavated

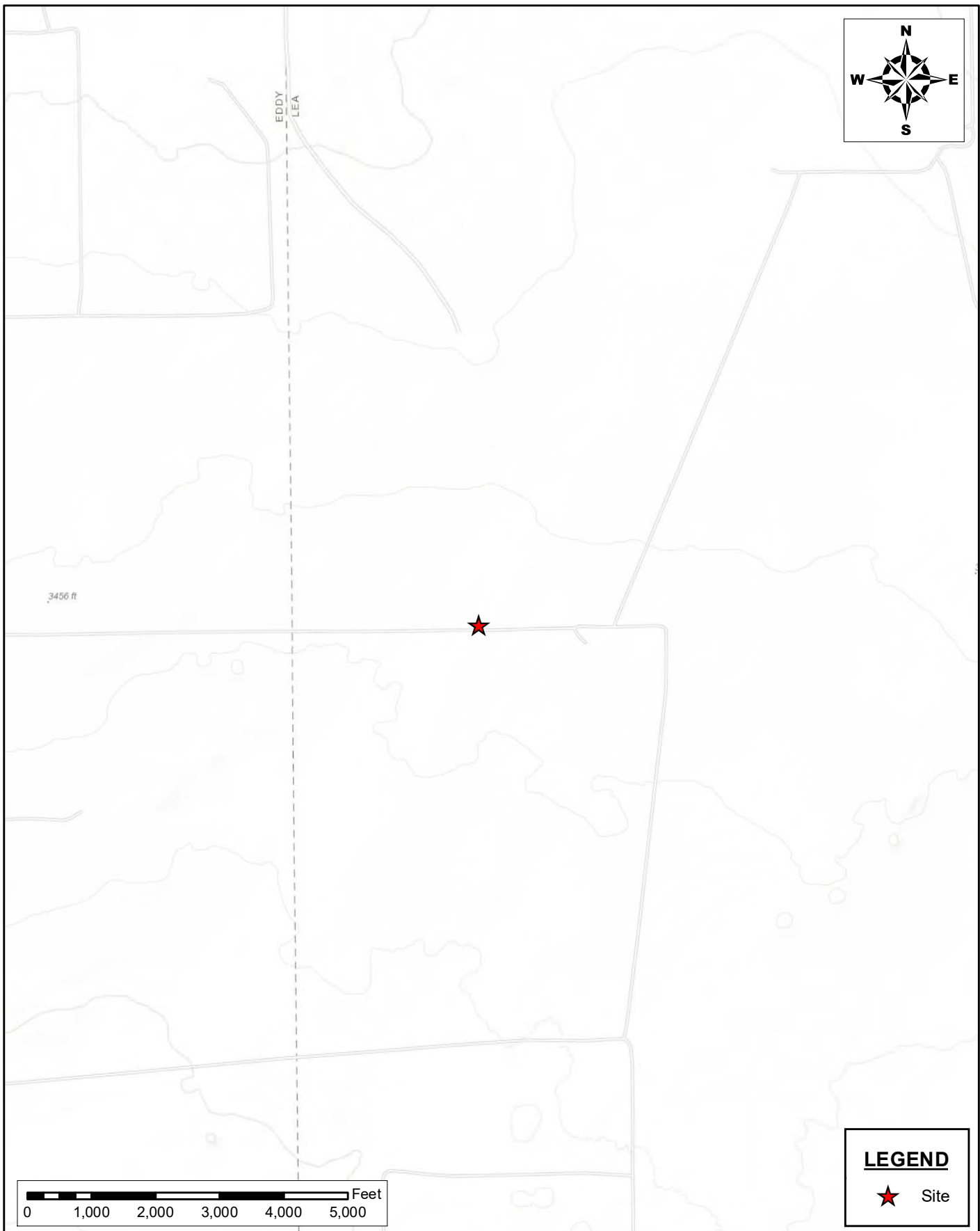
FIGURES

Document Path: P:\2023 PROJECTS\DEVONIRSC\237508 - Trionix 6 Federal #005\7- Figures\GIS\Figure_1_SL.mxd



<div><div>SITE LOCATION MAP</div><div>CLOSURE REPORT</div><div>100 FEET NORTH OF TRIONYX 6 FEDERAL #005</div><div>DEVON ENERGY PRODUCTION CORPORATION</div><div>LEA COUNTY, NEW MEXICO</div><div>32.153375, -103.713265</div></div>			<div><div><div>NTG</div><div>ENVIRONMENTAL</div></div><div><div>New Tech Global Environmental, LLC</div><div>911 Regional Park Drive</div><div>Houston, Texas 77060</div><div>T - 281.872.9300</div><div>F - 281.872.4521</div><div>Web: www.ntgenviroinmental.com</div></div></div>		<div><div>NOTES:</div><div>1. Base Image: ESRI Maps & Data 2013</div><div>2. Map Projection: NAD 1983</div></div>		<div>DRAWING NUMBER:</div> <div>FIGURE 1</div> <div>SHEET NUMBER:</div> <div>1 of 1</div>	
SCALE: As Shown	Date: 7/25/2023	PROJECT #: 237508						

Document Path: P:\2023 PROJECTS\DEVON\RSC\237508 - Trionix 6 Federal\#00517- Figures\GIS\Figure_2_TM.mxd



TOPOGRAPHIC MAP
CLOSURE REPORT
100 FEET NORTH OF TRIONYX 6 FEDERAL #005
DEVON ENERGY PRODUCTION CORPORATION
LEA COUNTY, NEW MEXICO
32.153375, -103.713265

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

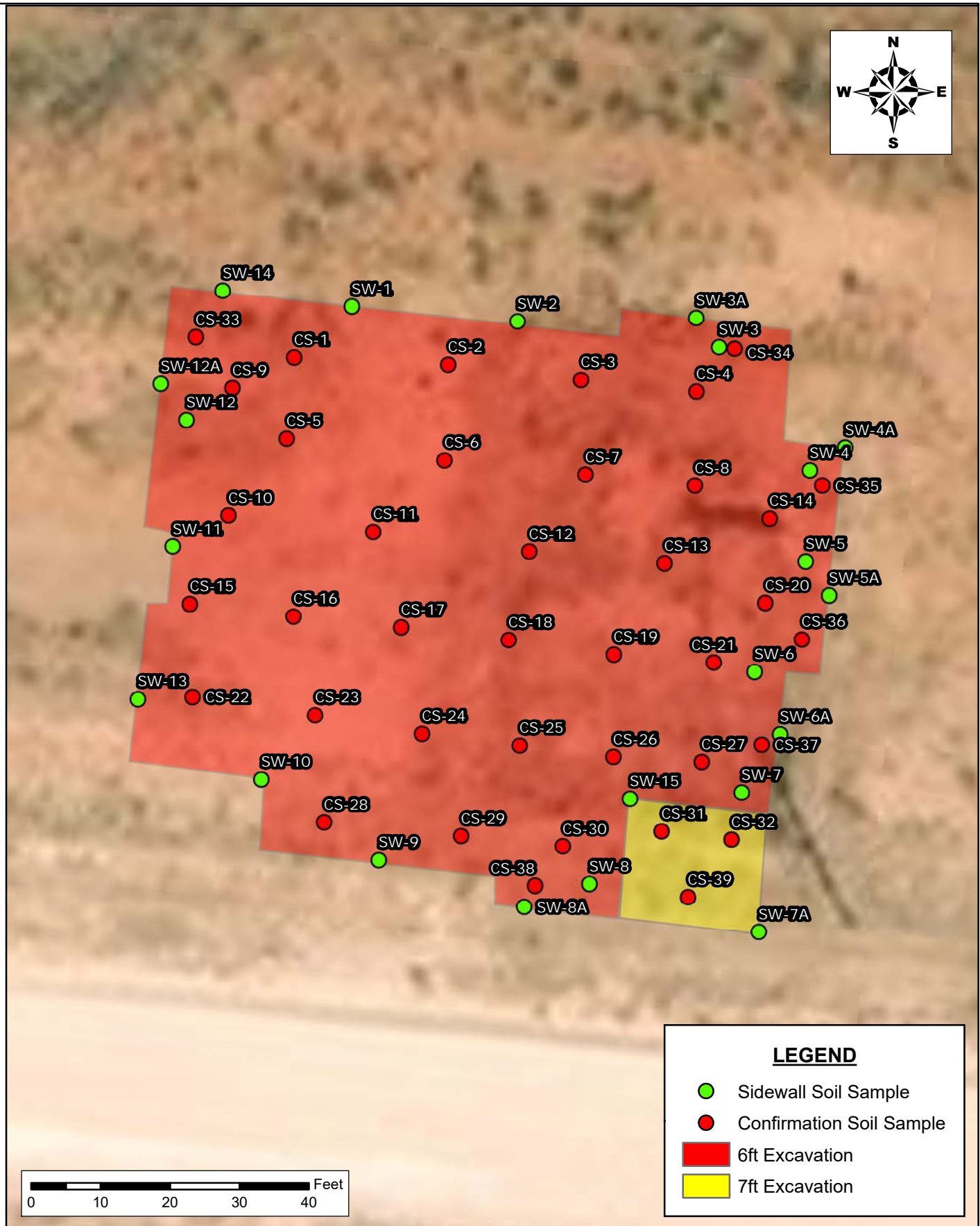
DRAWING NUMBER:

FIGURE 2

SHEET NUMBER:

1 of 1

Document Path: C:\Users\ntgegis\New Tech Global\NTGE - Documents\2023 PROJECTS\DEVON\RSC\237508 - Trionyx 6 Federal #005 (2nd Spill)\7 - Figures\GIS\Figure 4 CS map.mxd



CONFIRMATION SAMPLING MAP
 CLOSURE REPORT
 100 FEET NORTH OF TRIONYX 6 FEDERAL #005 DEVON
 ENERGY PRODUCTION CORPORATION
 LEA COUNTY, NEW MEXICO
 32.153375, -103.713265

SCALE: AS SHOWN

DATE: 01/05/2024

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

DRAWING NUMBER:

FIGURE 3

SHEET NUMBER:

1 of 1

PHOTOGRAPHIC LOG

PHOTOGRAPHIC LOG

100 Feet North of Trionyx 6 Federal #005

Photograph No. 1

Facility: 100 Feet North of Trionyx 6 Federal #005

County: Lea County, New Mexico

Description:
View of the excavation.

**Photograph No. 2**

Facility: 100 Feet North of Trionyx 6 Federal #005

County: Lea County, New Mexico

Description:
View of the excavation.

**Photograph No. 3**

Facility: 100 Feet North of Trionyx 6 Federal #005

County: Lea County, New Mexico

Description:
View of the excavation.



PHOTOGRAPHIC LOG

100 Feet North of Trionyx 6 Federal #005

Photograph No. 4

Facility: 100 Feet North of Trionyx 6 Federal #005

County: Lea County, New Mexico

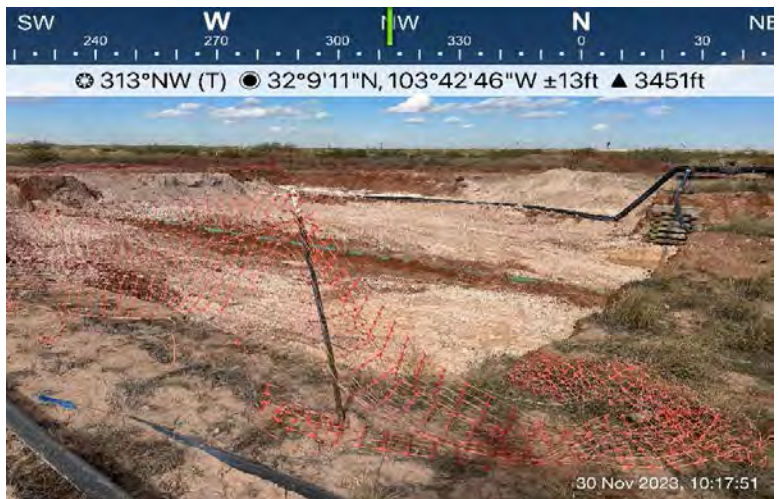
Description:
View of the excavation.

**Photograph No. 5**

Facility: 100 Feet North of Trionyx 6 Federal #005

County: Lea County, New Mexico

Description:
View of the excavation.

**Photograph No. 6**

Facility: 100 Feet North of Trionyx 6 Federal #005

County: Lea County, New Mexico

Description:
View of the excavation.



PHOTOGRAPHIC LOG

100 Feet North of Trionyx 6 Federal #005

Photograph No. 7

Facility: 100 Feet North of Trionyx 6 Federal #005

County: Lea County, New Mexico

Description:
View of the excavation.

**Photograph No. 8**

Facility: 100 Feet North of Trionyx 6 Federal #005

County: Lea County, New Mexico

Description:
View of the excavation.

**Photograph No. 9**

Facility: 100 Feet North of Trionyx 6 Federal #005

County: Lea County, New Mexico

Description:
View of the excavation.



PHOTOGRAPHIC LOG

100 Feet North of Trionyx 6 Federal #005

Photograph No. 10

Facility: 100 Feet North of Trionyx 6 Federal #005

County: Lea County, New Mexico

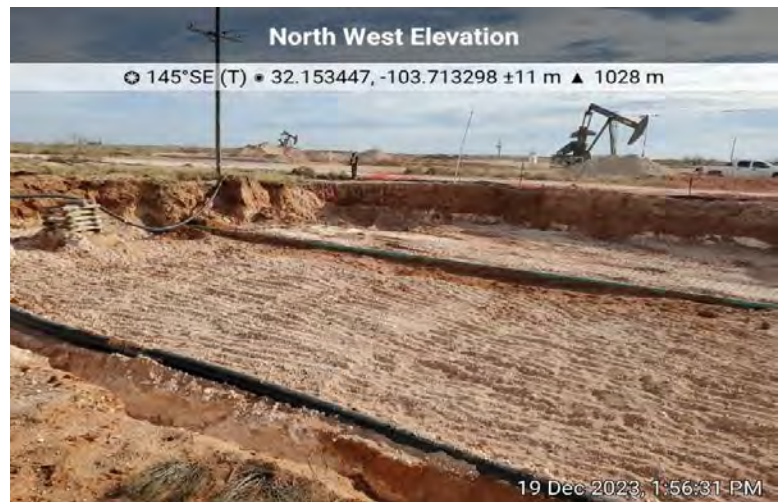
Description:
View of the excavation.

**Photograph No. 11**

Facility: 100 Feet North of Trionyx 6 Federal #005

County: Lea County, New Mexico

Description:
View of the excavation.

**Photograph No. 12**

Facility: 100 Feet North of Trionyx 6 Federal #005

County: Lea County, New Mexico

Description:
View of the excavation.



PHOTOGRAPHIC LOG

100 Feet North of Trionyx 6 Federal #005

Photograph No. 13

Facility: 100 Feet North of Trionyx 6 Federal #005

County: Lea County, New Mexico

Description:
View of the excavation.

**Photograph No. 14**

Facility: 100 Feet North of Trionyx 6 Federal #005

County: Lea County, New Mexico

Description:
View of the excavation.

**Photograph No. 15**

Facility: 100 Feet North of Trionyx 6 Federal #005

County: Lea County, New Mexico

Description:
View of the excavation.



PHOTOGRAPHIC LOG

100 Feet North of Trionyx 6 Federal #005

Photograph No. 16

Facility: 100 Feet North of Trionyx 6 Federal #005

County: Lea County, New Mexico

Description:
View of the excavation.

**Photograph No. 17**

Facility: 100 Feet North of Trionyx 6 Federal #005

County: Lea County, New Mexico

Description:
View of the excavation.

**Photograph No. 18**

Facility: 100 Feet North of Trionyx 6 Federal #005

County: Lea County, New Mexico

Description:
View of the excavation.



LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS

Report to:
Ethan Sessums



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

NTG-New Tech Global Environmental

Project Name: Trionyx 6 Fed #005H

Work Order: E312022

Job Number: 01058-0007

Received: 12/5/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
12/12/23

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.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.

Date Reported: 12/12/23



Ethan Sessums
911 Regional Park Dr.
Houston, TX 77060

Project Name: Trionyx 6 Fed #005H
Workorder: E312022
Date Received: 12/5/2023 7:30:00AM

Ethan Sessums,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/5/2023 7:30:00AM, under the Project Name: Trionyx 6 Fed #005H.

The analytical test results summarized in this report with the Project Name: Trionyx 6 Fed #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
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Cell: 775-287-1762
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Sample Summary

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Trionyx 6 Fed #005H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/12/23 14:10
---------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------	-----------------------------

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-1 6'	E312022-01A	Soil	11/30/23	12/05/23	Glass Jar, 4 oz.
CS-2 6'	E312022-02A	Soil	11/30/23	12/05/23	Glass Jar, 4 oz.
CS-3 6'	E312022-03A	Soil	11/30/23	12/05/23	Glass Jar, 4 oz.
CS-4 6'	E312022-04A	Soil	11/30/23	12/05/23	Glass Jar, 4 oz.
CS-5 6'	E312022-05A	Soil	11/30/23	12/05/23	Glass Jar, 4 oz.
CS-6 6'	E312022-06A	Soil	11/30/23	12/05/23	Glass Jar, 4 oz.
CS-7 6'	E312022-07A	Soil	11/30/23	12/05/23	Glass Jar, 4 oz.
CS-8 6'	E312022-08A	Soil	11/30/23	12/05/23	Glass Jar, 4 oz.
CS-9 6'	E312022-09A	Soil	11/30/23	12/05/23	Glass Jar, 4 oz.
CS-10 6'	E312022-10A	Soil	11/30/23	12/05/23	Glass Jar, 4 oz.
CS-11 6'	E312022-11A	Soil	11/30/23	12/05/23	Glass Jar, 4 oz.
CS-12 6'	E312022-12A	Soil	11/30/23	12/05/23	Glass Jar, 4 oz.
CS-13 6'	E312022-13A	Soil	11/30/23	12/05/23	Glass Jar, 4 oz.
CS-14 6'	E312022-14A	Soil	11/30/23	12/05/23	Glass Jar, 4 oz.
CS-15 6'	E312022-15A	Soil	11/30/23	12/05/23	Glass Jar, 4 oz.
CS-16 6'	E312022-16A	Soil	11/30/23	12/05/23	Glass Jar, 4 oz.
CS-17 6'	E312022-17A	Soil	11/30/23	12/05/23	Glass Jar, 4 oz.
CS-18 6'	E312022-18A	Soil	11/30/23	12/05/23	Glass Jar, 4 oz.
CS-19 6'	E312022-19A	Soil	11/30/23	12/05/23	Glass Jar, 4 oz.
CS-20 6'	E312022-20A	Soil	11/30/23	12/05/23	Glass Jar, 4 oz.
CS-21 6'	E312022-21A	Soil	11/30/23	12/05/23	Glass Jar, 4 oz.
CS-22 6'	E312022-22A	Soil	11/30/23	12/05/23	Glass Jar, 4 oz.
CS-23 6'	E312022-23A	Soil	11/30/23	12/05/23	Glass Jar, 4 oz.
CS-24 6'	E312022-24A	Soil	11/30/23	12/05/23	Glass Jar, 4 oz.
CS-25 6'	E312022-25A	Soil	11/30/23	12/05/23	Glass Jar, 4 oz.
CS-26 6'	E312022-26A	Soil	11/30/23	12/05/23	Glass Jar, 4 oz.
CS-27 6'	E312022-27A	Soil	11/30/23	12/05/23	Glass Jar, 4 oz.
CS-28 6'	E312022-28A	Soil	11/30/23	12/05/23	Glass Jar, 4 oz.
CS-29 6'	E312022-29A	Soil	11/30/23	12/05/23	Glass Jar, 4 oz.
CS-30 6'	E312022-30A	Soil	11/30/23	12/05/23	Glass Jar, 4 oz.
CS-31 6'	E312022-31A	Soil	11/30/23	12/05/23	Glass Jar, 4 oz.
SW-1 0-6'	E312022-32A	Soil	11/30/23	12/05/23	Glass Jar, 4 oz.
SW-2 0-6'	E312022-33A	Soil	11/30/23	12/05/23	Glass Jar, 4 oz.
SW-3 0-6'	E312022-34A	Soil	11/30/23	12/05/23	Glass Jar, 4 oz.
SW-4 0-6'	E312022-35A	Soil	11/30/23	12/05/23	Glass Jar, 4 oz.
SW-5 0-6'	E312022-36A	Soil	11/30/23	12/05/23	Glass Jar, 4 oz.
SW-6 0-6'	E312022-37A	Soil	11/30/23	12/05/23	Glass Jar, 4 oz.
SW-7 0-6'	E312022-38A	Soil	11/30/23	12/05/23	Glass Jar, 4 oz.
SW-8 0-6'	E312022-39A	Soil	11/30/23	12/05/23	Glass Jar, 4 oz.
SW-9 0-6'	E312022-40A	Soil	11/30/23	12/05/23	Glass Jar, 4 oz.



Sample Summary

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Trionyx 6 Fed #005H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/12/23 14:10
---------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------	-----------------------------

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW-10 0-6'	E312022-41A	Soil	11/30/23	12/05/23	Glass Jar, 4 oz.
SW-11 0-6'	E312022-42A	Soil	11/30/23	12/05/23	Glass Jar, 4 oz.
SW-12 0-6'	E312022-43A	Soil	11/30/23	12/05/23	Glass Jar, 4 oz.



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Trionyx 6 Fed #005H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/12/2023 2:10:40PM
---------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------	-----------------------------------

CS-1 6'
E312022-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2349034	
Benzene	ND	0.0250	1	12/05/23	12/08/23	
Ethylbenzene	ND	0.0250	1	12/05/23	12/08/23	
Toluene	ND	0.0250	1	12/05/23	12/08/23	
o-Xylene	ND	0.0250	1	12/05/23	12/08/23	
p,m-Xylene	ND	0.0500	1	12/05/23	12/08/23	
Total Xylenes	ND	0.0250	1	12/05/23	12/08/23	
Surrogate: 4-Bromochlorobenzene-PID	91.6 %	70-130		12/05/23	12/08/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2349034	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/23	12/08/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	94.1 %	70-130		12/05/23	12/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2350001	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/11/23	12/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/11/23	12/11/23	
Surrogate: n-Nonane	84.3 %	50-200		12/11/23	12/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2349082	
Chloride	29.4	20.0	1	12/07/23	12/08/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Trionyx 6 Fed #005H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/12/2023 2:10:40PM
---------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------	-----------------------------------

CS-2 6'
E312022-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2349034
Benzene	ND	0.0250	1	12/05/23	12/08/23	
Ethylbenzene	ND	0.0250	1	12/05/23	12/08/23	
Toluene	ND	0.0250	1	12/05/23	12/08/23	
o-Xylene	ND	0.0250	1	12/05/23	12/08/23	
p,m-Xylene	ND	0.0500	1	12/05/23	12/08/23	
Total Xylenes	ND	0.0250	1	12/05/23	12/08/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.6 %	70-130		12/05/23	12/08/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2349034
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/23	12/08/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.0 %	70-130		12/05/23	12/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2350001
Diesel Range Organics (C10-C28)	ND	25.0	1	12/11/23	12/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/11/23	12/11/23	
<i>Surrogate: n-Nonane</i>						
	82.4 %	50-200		12/11/23	12/11/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2349082
Chloride	34.2	20.0	1	12/07/23	12/08/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Trionyx 6 Fed #005H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/12/2023 2:10:40PM
---------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------	-----------------------------------

CS-3 6'
E312022-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2349034	
Benzene	ND	0.0250	1	12/05/23	12/08/23	
Ethylbenzene	ND	0.0250	1	12/05/23	12/08/23	
Toluene	ND	0.0250	1	12/05/23	12/08/23	
o-Xylene	ND	0.0250	1	12/05/23	12/08/23	
p,m-Xylene	ND	0.0500	1	12/05/23	12/08/23	
Total Xylenes	ND	0.0250	1	12/05/23	12/08/23	
Surrogate: 4-Bromochlorobenzene-PID	91.1 %	70-130		12/05/23	12/08/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2349034	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/23	12/08/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	89.5 %	70-130		12/05/23	12/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2350001	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/11/23	12/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/11/23	12/11/23	
Surrogate: n-Nonane	83.6 %	50-200		12/11/23	12/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2349082	
Chloride	143	20.0	1	12/07/23	12/08/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Trionyx 6 Fed #005H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/12/2023 2:10:40PM
---------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------	-----------------------------------

CS-4 6'
E312022-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2349034
Benzene	ND	0.0250	1	12/05/23	12/08/23	
Ethylbenzene	ND	0.0250	1	12/05/23	12/08/23	
Toluene	ND	0.0250	1	12/05/23	12/08/23	
o-Xylene	ND	0.0250	1	12/05/23	12/08/23	
p,m-Xylene	ND	0.0500	1	12/05/23	12/08/23	
Total Xylenes	ND	0.0250	1	12/05/23	12/08/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.4 %	70-130		12/05/23	12/08/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2349034
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/23	12/08/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.1 %	70-130		12/05/23	12/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2350001
Diesel Range Organics (C10-C28)	ND	25.0	1	12/11/23	12/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/11/23	12/11/23	
<i>Surrogate: n-Nonane</i>						
	86.7 %	50-200		12/11/23	12/11/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2349082
Chloride	282	20.0	1	12/07/23	12/08/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Trionyx 6 Fed #005H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/12/2023 2:10:40PM
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CS-5 6'
E312022-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2349034	
Benzene	ND	0.0250	1	12/05/23	12/08/23	
Ethylbenzene	ND	0.0250	1	12/05/23	12/08/23	
Toluene	ND	0.0250	1	12/05/23	12/08/23	
o-Xylene	ND	0.0250	1	12/05/23	12/08/23	
p,m-Xylene	ND	0.0500	1	12/05/23	12/08/23	
Total Xylenes	ND	0.0250	1	12/05/23	12/08/23	
Surrogate: 4-Bromochlorobenzene-PID	92.1 %	70-130		12/05/23	12/08/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2349034	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/23	12/08/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	90.6 %	70-130		12/05/23	12/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2350001	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/11/23	12/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/11/23	12/11/23	
Surrogate: n-Nonane	85.2 %	50-200		12/11/23	12/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2349082	
Chloride	1440	20.0	1	12/07/23	12/08/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Trionyx 6 Fed #005H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/12/2023 2:10:40PM
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CS-6 6'

E312022-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2349034	
Benzene	ND	0.0250	1	12/05/23	12/08/23	
Ethylbenzene	ND	0.0250	1	12/05/23	12/08/23	
Toluene	ND	0.0250	1	12/05/23	12/08/23	
o-Xylene	ND	0.0250	1	12/05/23	12/08/23	
p,m-Xylene	ND	0.0500	1	12/05/23	12/08/23	
Total Xylenes	ND	0.0250	1	12/05/23	12/08/23	
Surrogate: 4-Bromochlorobenzene-PID	93.5 %	70-130		12/05/23	12/08/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2349034	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/23	12/08/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	88.0 %	70-130		12/05/23	12/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2350001	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/11/23	12/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/11/23	12/11/23	
Surrogate: n-Nonane	82.5 %	50-200		12/11/23	12/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2349082	
Chloride	625	20.0	1	12/07/23	12/08/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Trionyx 6 Fed #005H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/12/2023 2:10:40PM
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CS-7 6'
E312022-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2349034
Benzene	ND	0.0250	1	12/05/23	12/08/23	
Ethylbenzene	ND	0.0250	1	12/05/23	12/08/23	
Toluene	ND	0.0250	1	12/05/23	12/08/23	
o-Xylene	ND	0.0250	1	12/05/23	12/08/23	
p,m-Xylene	ND	0.0500	1	12/05/23	12/08/23	
Total Xylenes	ND	0.0250	1	12/05/23	12/08/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.1 %	70-130		12/05/23	12/08/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2349034
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/23	12/08/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.1 %	70-130		12/05/23	12/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2350001
Diesel Range Organics (C10-C28)	44.1	25.0	1	12/11/23	12/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/11/23	12/11/23	
<i>Surrogate: n-Nonane</i>						
	83.3 %	50-200		12/11/23	12/11/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2349082
Chloride	773	20.0	1	12/07/23	12/08/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Trionyx 6 Fed #005H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/12/2023 2:10:40PM
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CS-8 6'
E312022-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2349034
Benzene	ND	0.0250	1	12/05/23	12/08/23	
Ethylbenzene	ND	0.0250	1	12/05/23	12/08/23	
Toluene	ND	0.0250	1	12/05/23	12/08/23	
o-Xylene	ND	0.0250	1	12/05/23	12/08/23	
p,m-Xylene	ND	0.0500	1	12/05/23	12/08/23	
Total Xylenes	ND	0.0250	1	12/05/23	12/08/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.5 %	70-130		12/05/23	12/08/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2349034
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/23	12/08/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.5 %	70-130		12/05/23	12/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2350001
Diesel Range Organics (C10-C28)	ND	25.0	1	12/11/23	12/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/11/23	12/11/23	
<i>Surrogate: n-Nonane</i>						
	84.1 %	50-200		12/11/23	12/11/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2349082
Chloride	736	20.0	1	12/07/23	12/08/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Trionyx 6 Fed #005H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/12/2023 2:10:40PM
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CS-9 6'
E312022-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2349034	
Benzene	ND	0.0250	1	12/05/23	12/08/23	
Ethylbenzene	ND	0.0250	1	12/05/23	12/08/23	
Toluene	ND	0.0250	1	12/05/23	12/08/23	
o-Xylene	ND	0.0250	1	12/05/23	12/08/23	
p,m-Xylene	ND	0.0500	1	12/05/23	12/08/23	
Total Xylenes	ND	0.0250	1	12/05/23	12/08/23	
Surrogate: 4-Bromochlorobenzene-PID	92.8 %	70-130		12/05/23	12/08/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2349034	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/23	12/08/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	88.5 %	70-130		12/05/23	12/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2350001	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/11/23	12/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/11/23	12/11/23	
Surrogate: n-Nonane	86.8 %	50-200		12/11/23	12/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2349082	
Chloride	1300	20.0	1	12/07/23	12/08/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Trionyx 6 Fed #005H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/12/2023 2:10:40PM
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CS-10 6'

E312022-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2349034
Benzene	ND	0.0250	1	12/05/23	12/08/23	
Ethylbenzene	ND	0.0250	1	12/05/23	12/08/23	
Toluene	ND	0.0250	1	12/05/23	12/08/23	
o-Xylene	ND	0.0250	1	12/05/23	12/08/23	
p,m-Xylene	ND	0.0500	1	12/05/23	12/08/23	
Total Xylenes	ND	0.0250	1	12/05/23	12/08/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.7 %	70-130		12/05/23	12/08/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2349034
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/23	12/08/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.3 %	70-130		12/05/23	12/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2350001
Diesel Range Organics (C10-C28)	ND	25.0	1	12/11/23	12/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/11/23	12/11/23	
<i>Surrogate: n-Nonane</i>						
	80.7 %	50-200		12/11/23	12/11/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2349082
Chloride	1770	20.0	1	12/07/23	12/08/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Trionyx 6 Fed #005H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/12/2023 2:10:40PM
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CS-11 6'

E312022-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2349034	
Benzene	ND	0.0250	1	12/05/23	12/08/23	
Ethylbenzene	ND	0.0250	1	12/05/23	12/08/23	
Toluene	ND	0.0250	1	12/05/23	12/08/23	
o-Xylene	ND	0.0250	1	12/05/23	12/08/23	
p,m-Xylene	ND	0.0500	1	12/05/23	12/08/23	
Total Xylenes	ND	0.0250	1	12/05/23	12/08/23	
Surrogate: 4-Bromochlorobenzene-PID	94.1 %	70-130		12/05/23	12/08/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2349034	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/23	12/08/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	89.3 %	70-130		12/05/23	12/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2350001	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/11/23	12/12/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/11/23	12/12/23	
Surrogate: n-Nonane	86.0 %	50-200		12/11/23	12/12/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2349082	
Chloride	1860	20.0	1	12/07/23	12/08/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Trionyx 6 Fed #005H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/12/2023 2:10:40PM
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CS-12 6'

E312022-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2349034	
Benzene	ND	0.0250	1	12/05/23	12/08/23	
Ethylbenzene	ND	0.0250	1	12/05/23	12/08/23	
Toluene	ND	0.0250	1	12/05/23	12/08/23	
o-Xylene	ND	0.0250	1	12/05/23	12/08/23	
p,m-Xylene	ND	0.0500	1	12/05/23	12/08/23	
Total Xylenes	ND	0.0250	1	12/05/23	12/08/23	
Surrogate: 4-Bromochlorobenzene-PID	93.9 %	70-130		12/05/23	12/08/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2349034	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/23	12/08/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	87.2 %	70-130		12/05/23	12/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2350001	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/11/23	12/12/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/11/23	12/12/23	
Surrogate: n-Nonane	87.5 %	50-200		12/11/23	12/12/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2349082	
Chloride	1230	20.0	1	12/07/23	12/08/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Trionyx 6 Fed #005H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/12/2023 2:10:40PM
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CS-13 6'

E312022-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2349034
Benzene	ND	0.0250	1	12/05/23	12/08/23	
Ethylbenzene	ND	0.0250	1	12/05/23	12/08/23	
Toluene	ND	0.0250	1	12/05/23	12/08/23	
o-Xylene	ND	0.0250	1	12/05/23	12/08/23	
p,m-Xylene	ND	0.0500	1	12/05/23	12/08/23	
Total Xylenes	ND	0.0250	1	12/05/23	12/08/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.4 %	70-130		12/05/23	12/08/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2349034
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/23	12/08/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.5 %	70-130		12/05/23	12/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2350001
Diesel Range Organics (C10-C28)	ND	25.0	1	12/11/23	12/12/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/11/23	12/12/23	
<i>Surrogate: n-Nonane</i>						
	81.2 %	50-200		12/11/23	12/12/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2349082
Chloride	3250	20.0	1	12/07/23	12/08/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Trionyx 6 Fed #005H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/12/2023 2:10:40PM
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CS-14 6'

E312022-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2349034
Benzene	ND	0.0250	1	12/05/23	12/08/23	
Ethylbenzene	ND	0.0250	1	12/05/23	12/08/23	
Toluene	ND	0.0250	1	12/05/23	12/08/23	
o-Xylene	ND	0.0250	1	12/05/23	12/08/23	
p,m-Xylene	ND	0.0500	1	12/05/23	12/08/23	
Total Xylenes	ND	0.0250	1	12/05/23	12/08/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.0 %	70-130		12/05/23	12/08/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2349034
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/23	12/08/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.1 %	70-130		12/05/23	12/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2350001
Diesel Range Organics (C10-C28)	ND	25.0	1	12/11/23	12/12/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/11/23	12/12/23	
<i>Surrogate: n-Nonane</i>						
	81.0 %	50-200		12/11/23	12/12/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2349082
Chloride	2020	20.0	1	12/07/23	12/08/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Trionyx 6 Fed #005H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/12/2023 2:10:40PM
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CS-15 6'

E312022-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2349034	
Benzene	ND	0.0250	1	12/05/23	12/08/23	
Ethylbenzene	ND	0.0250	1	12/05/23	12/08/23	
Toluene	ND	0.0250	1	12/05/23	12/08/23	
o-Xylene	ND	0.0250	1	12/05/23	12/08/23	
p,m-Xylene	ND	0.0500	1	12/05/23	12/08/23	
Total Xylenes	ND	0.0250	1	12/05/23	12/08/23	
Surrogate: 4-Bromochlorobenzene-PID	94.9 %	70-130		12/05/23	12/08/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2349034	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/23	12/08/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	87.1 %	70-130		12/05/23	12/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2350001	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/11/23	12/12/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/11/23	12/12/23	
Surrogate: n-Nonane	80.0 %	50-200		12/11/23	12/12/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2349082	
Chloride	1760	20.0	1	12/07/23	12/08/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Trionyx 6 Fed #005H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/12/2023 2:10:40PM
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CS-16 6'

E312022-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2349034	
Benzene	ND	0.0250	1	12/05/23	12/08/23	
Ethylbenzene	ND	0.0250	1	12/05/23	12/08/23	
Toluene	ND	0.0250	1	12/05/23	12/08/23	
o-Xylene	ND	0.0250	1	12/05/23	12/08/23	
p,m-Xylene	ND	0.0500	1	12/05/23	12/08/23	
Total Xylenes	ND	0.0250	1	12/05/23	12/08/23	
Surrogate: 4-Bromochlorobenzene-PID	95.6 %	70-130		12/05/23	12/08/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2349034	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/23	12/08/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	86.8 %	70-130		12/05/23	12/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2350001	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/11/23	12/12/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/11/23	12/12/23	
Surrogate: n-Nonane	83.3 %	50-200		12/11/23	12/12/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2349082	
Chloride	1200	20.0	1	12/07/23	12/08/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Trionyx 6 Fed #005H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/12/2023 2:10:40PM
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CS-17 6'

E312022-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2349034	
Benzene	ND	0.0250	1	12/05/23	12/08/23	
Ethylbenzene	ND	0.0250	1	12/05/23	12/08/23	
Toluene	ND	0.0250	1	12/05/23	12/08/23	
o-Xylene	ND	0.0250	1	12/05/23	12/08/23	
p,m-Xylene	ND	0.0500	1	12/05/23	12/08/23	
Total Xylenes	ND	0.0250	1	12/05/23	12/08/23	
Surrogate: 4-Bromochlorobenzene-PID	95.5 %	70-130		12/05/23	12/08/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2349034	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/23	12/08/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	86.4 %	70-130		12/05/23	12/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2350001	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/11/23	12/12/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/11/23	12/12/23	
Surrogate: n-Nonane	83.7 %	50-200		12/11/23	12/12/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2349082	
Chloride	346	20.0	1	12/07/23	12/08/23	



Sample Data

NTG-New Tech Global Environmental
911 Regional Park Dr.
Houston TX, 77060

Project Name: Trionyx 6 Fed #005H
Project Number: 01058-0007
Project Manager: Ethan Sessums

Reported:
12/12/2023 2:10:40PM

CS-18 6'

E312022-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2349034
Benzene	ND	0.0250	1	12/05/23	12/08/23	
Ethylbenzene	ND	0.0250	1	12/05/23	12/08/23	
Toluene	ND	0.0250	1	12/05/23	12/08/23	
o-Xylene	ND	0.0250	1	12/05/23	12/08/23	
p,m-Xylene	ND	0.0500	1	12/05/23	12/08/23	
Total Xylenes	ND	0.0250	1	12/05/23	12/08/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.6 %	70-130		12/05/23	12/08/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2349034
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/23	12/08/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	85.4 %	70-130		12/05/23	12/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2350001
Diesel Range Organics (C10-C28)	ND	25.0	1	12/11/23	12/12/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/11/23	12/12/23	
<i>Surrogate: n-Nonane</i>						
	82.5 %	50-200		12/11/23	12/12/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2349082
Chloride	619	20.0	1	12/07/23	12/08/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Trionyx 6 Fed #005H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/12/2023 2:10:40PM
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CS-19 6'

E312022-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2349034
Benzene	ND	0.0250	1	12/05/23	12/08/23	
Ethylbenzene	ND	0.0250	1	12/05/23	12/08/23	
Toluene	ND	0.0250	1	12/05/23	12/08/23	
o-Xylene	ND	0.0250	1	12/05/23	12/08/23	
p,m-Xylene	ND	0.0500	1	12/05/23	12/08/23	
Total Xylenes	ND	0.0250	1	12/05/23	12/08/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.4 %	70-130		12/05/23	12/08/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2349034
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/23	12/08/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	87.5 %	70-130		12/05/23	12/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2350001
Diesel Range Organics (C10-C28)	ND	25.0	1	12/11/23	12/12/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/11/23	12/12/23	
<i>Surrogate: n-Nonane</i>						
	83.3 %	50-200		12/11/23	12/12/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2349082
Chloride	1890	20.0	1	12/07/23	12/08/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Trionyx 6 Fed #005H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/12/2023 2:10:40PM
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CS-20 6'

E312022-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2349034
Benzene	ND	0.0250	1	12/05/23	12/08/23	
Ethylbenzene	ND	0.0250	1	12/05/23	12/08/23	
Toluene	ND	0.0250	1	12/05/23	12/08/23	
o-Xylene	ND	0.0250	1	12/05/23	12/08/23	
p,m-Xylene	ND	0.0500	1	12/05/23	12/08/23	
Total Xylenes	ND	0.0250	1	12/05/23	12/08/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.1 %	70-130		12/05/23	12/08/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2349034
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/23	12/08/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.2 %	70-130		12/05/23	12/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2350001
Diesel Range Organics (C10-C28)	ND	25.0	1	12/11/23	12/12/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/11/23	12/12/23	
<i>Surrogate: n-Nonane</i>						
	85.1 %	50-200		12/11/23	12/12/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2349082
Chloride	579	20.0	1	12/07/23	12/08/23	



Sample Data

NTG-New Tech Global Environmental
911 Regional Park Dr.
Houston TX, 77060

Project Name: Trionyx 6 Fed #005H
Project Number: 01058-0007
Project Manager: Ethan Sessums

Reported:
12/12/2023 2:10:40PM

CS-21 6'

E312022-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2349064
Benzene	ND	0.0250	1	12/06/23	12/08/23	
Ethylbenzene	ND	0.0250	1	12/06/23	12/08/23	
Toluene	ND	0.0250	1	12/06/23	12/08/23	
o-Xylene	ND	0.0250	1	12/06/23	12/08/23	
p,m-Xylene	ND	0.0500	1	12/06/23	12/08/23	
Total Xylenes	ND	0.0250	1	12/06/23	12/08/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.5 %	70-130		12/06/23	12/08/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2349064
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/06/23	12/08/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.6 %	70-130		12/06/23	12/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2350002
Diesel Range Organics (C10-C28)	ND	25.0	1	12/11/23	12/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/11/23	12/11/23	
<i>Surrogate: n-Nonane</i>						
	86.7 %	50-200		12/11/23	12/11/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2349092
Chloride	893	20.0	1	12/08/23	12/08/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Trionyx 6 Fed #005H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/12/2023 2:10:40PM
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CS-22 6'

E312022-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2349064
Benzene	ND	0.0250	1	12/06/23	12/08/23	
Ethylbenzene	ND	0.0250	1	12/06/23	12/08/23	
Toluene	ND	0.0250	1	12/06/23	12/08/23	
o-Xylene	ND	0.0250	1	12/06/23	12/08/23	
p,m-Xylene	ND	0.0500	1	12/06/23	12/08/23	
Total Xylenes	ND	0.0250	1	12/06/23	12/08/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.1 %	70-130		12/06/23	12/08/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2349064
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/06/23	12/08/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	87.7 %	70-130		12/06/23	12/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2350002
Diesel Range Organics (C10-C28)	ND	25.0	1	12/11/23	12/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/11/23	12/11/23	
<i>Surrogate: n-Nonane</i>						
	86.5 %	50-200		12/11/23	12/11/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2349092
Chloride	3460	40.0	2	12/08/23	12/08/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Trionyx 6 Fed #005H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/12/2023 2:10:40PM
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CS-23 6'

E312022-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2349064
Benzene	ND	0.0250	1	12/06/23	12/08/23	
Ethylbenzene	ND	0.0250	1	12/06/23	12/08/23	
Toluene	ND	0.0250	1	12/06/23	12/08/23	
o-Xylene	ND	0.0250	1	12/06/23	12/08/23	
p,m-Xylene	ND	0.0500	1	12/06/23	12/08/23	
Total Xylenes	ND	0.0250	1	12/06/23	12/08/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.0 %	70-130		12/06/23	12/08/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2349064
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/06/23	12/08/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.1 %	70-130		12/06/23	12/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2350002
Diesel Range Organics (C10-C28)	ND	25.0	1	12/11/23	12/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/11/23	12/11/23	
<i>Surrogate: n-Nonane</i>						
	84.7 %	50-200		12/11/23	12/11/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2349092
Chloride	882	20.0	1	12/08/23	12/08/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Trionyx 6 Fed #005H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/12/2023 2:10:40PM
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CS-24 6'

E312022-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2349064	
Benzene	ND	0.0250	1	12/06/23	12/09/23	
Ethylbenzene	ND	0.0250	1	12/06/23	12/09/23	
Toluene	ND	0.0250	1	12/06/23	12/09/23	
o-Xylene	ND	0.0250	1	12/06/23	12/09/23	
p,m-Xylene	ND	0.0500	1	12/06/23	12/09/23	
Total Xylenes	ND	0.0250	1	12/06/23	12/09/23	
Surrogate: 4-Bromochlorobenzene-PID	91.8 %	70-130		12/06/23	12/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2349064	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/06/23	12/09/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	88.7 %	70-130		12/06/23	12/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2350002	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/11/23	12/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/11/23	12/11/23	
Surrogate: n-Nonane	90.9 %	50-200		12/11/23	12/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2349092	
Chloride	697	20.0	1	12/08/23	12/08/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Trionyx 6 Fed #005H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/12/2023 2:10:40PM
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CS-25 6'

E312022-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2349064
Benzene	ND	0.0250	1	12/06/23	12/09/23	
Ethylbenzene	ND	0.0250	1	12/06/23	12/09/23	
Toluene	ND	0.0250	1	12/06/23	12/09/23	
o-Xylene	ND	0.0250	1	12/06/23	12/09/23	
p,m-Xylene	ND	0.0500	1	12/06/23	12/09/23	
Total Xylenes	ND	0.0250	1	12/06/23	12/09/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.4 %	70-130		12/06/23	12/09/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2349064
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/06/23	12/09/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.0 %	70-130		12/06/23	12/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2350002
Diesel Range Organics (C10-C28)	ND	25.0	1	12/11/23	12/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/11/23	12/11/23	
<i>Surrogate: n-Nonane</i>						
	91.8 %	50-200		12/11/23	12/11/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2349092
Chloride	1390	20.0	1	12/08/23	12/08/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Trionyx 6 Fed #005H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/12/2023 2:10:40PM
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CS-26 6'

E312022-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2349064
Benzene	ND	0.0250	1	12/06/23	12/09/23	
Ethylbenzene	ND	0.0250	1	12/06/23	12/09/23	
Toluene	ND	0.0250	1	12/06/23	12/09/23	
o-Xylene	ND	0.0250	1	12/06/23	12/09/23	
p,m-Xylene	ND	0.0500	1	12/06/23	12/09/23	
Total Xylenes	ND	0.0250	1	12/06/23	12/09/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.9 %	70-130		12/06/23	12/09/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2349064
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/06/23	12/09/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.7 %	70-130		12/06/23	12/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2350002
Diesel Range Organics (C10-C28)	ND	25.0	1	12/11/23	12/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/11/23	12/11/23	
<i>Surrogate: n-Nonane</i>						
	88.9 %	50-200		12/11/23	12/11/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2349092
Chloride	5720	40.0	2	12/08/23	12/08/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Trionyx 6 Fed #005H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/12/2023 2:10:40PM
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CS-27 6'

E312022-27

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2349064
Benzene	ND	0.0250	1	12/06/23	12/09/23	
Ethylbenzene	ND	0.0250	1	12/06/23	12/09/23	
Toluene	ND	0.0250	1	12/06/23	12/09/23	
o-Xylene	ND	0.0250	1	12/06/23	12/09/23	
p,m-Xylene	ND	0.0500	1	12/06/23	12/09/23	
Total Xylenes	ND	0.0250	1	12/06/23	12/09/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.5 %	70-130		12/06/23	12/09/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2349064
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/06/23	12/09/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.3 %	70-130		12/06/23	12/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2350002
Diesel Range Organics (C10-C28)	ND	25.0	1	12/11/23	12/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/11/23	12/11/23	
<i>Surrogate: n-Nonane</i>						
	89.5 %	50-200		12/11/23	12/11/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2349092
Chloride	1200	20.0	1	12/08/23	12/11/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Trionyx 6 Fed #005H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/12/2023 2:10:40PM
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CS-28 6'

E312022-28

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2349064
Benzene	ND	0.0250	1	12/06/23	12/09/23	
Ethylbenzene	ND	0.0250	1	12/06/23	12/09/23	
Toluene	ND	0.0250	1	12/06/23	12/09/23	
o-Xylene	ND	0.0250	1	12/06/23	12/09/23	
p,m-Xylene	ND	0.0500	1	12/06/23	12/09/23	
Total Xylenes	ND	0.0250	1	12/06/23	12/09/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.0 %	70-130		12/06/23	12/09/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2349064
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/06/23	12/09/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.3 %	70-130		12/06/23	12/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2350002
Diesel Range Organics (C10-C28)	ND	25.0	1	12/11/23	12/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/11/23	12/11/23	
<i>Surrogate: n-Nonane</i>						
	95.2 %	50-200		12/11/23	12/11/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2349092
Chloride	2940	20.0	1	12/08/23	12/11/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Trionyx 6 Fed #005H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/12/2023 2:10:40PM
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CS-29 6'

E312022-29

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2349064
Benzene	ND	0.0250	1	12/06/23	12/09/23	
Ethylbenzene	ND	0.0250	1	12/06/23	12/09/23	
Toluene	ND	0.0250	1	12/06/23	12/09/23	
o-Xylene	ND	0.0250	1	12/06/23	12/09/23	
p,m-Xylene	ND	0.0500	1	12/06/23	12/09/23	
Total Xylenes	ND	0.0250	1	12/06/23	12/09/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.4 %	70-130		12/06/23	12/09/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2349064
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/06/23	12/09/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.7 %	70-130		12/06/23	12/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2350002
Diesel Range Organics (C10-C28)	ND	25.0	1	12/11/23	12/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/11/23	12/11/23	
<i>Surrogate: n-Nonane</i>						
	89.5 %	50-200		12/11/23	12/11/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2349092
Chloride	3250	40.0	2	12/08/23	12/11/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Trionyx 6 Fed #005H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/12/2023 2:10:40PM
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CS-30 6'

E312022-30

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2349064
Benzene	ND	0.0250	1	12/06/23	12/09/23	
Ethylbenzene	ND	0.0250	1	12/06/23	12/09/23	
Toluene	ND	0.0250	1	12/06/23	12/09/23	
o-Xylene	ND	0.0250	1	12/06/23	12/09/23	
p,m-Xylene	ND	0.0500	1	12/06/23	12/09/23	
Total Xylenes	ND	0.0250	1	12/06/23	12/09/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.2 %	70-130		12/06/23	12/09/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2349064
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/06/23	12/09/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.0 %	70-130		12/06/23	12/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2350002
Diesel Range Organics (C10-C28)	ND	25.0	1	12/11/23	12/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/11/23	12/11/23	
<i>Surrogate: n-Nonane</i>						
	88.6 %	50-200		12/11/23	12/11/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2349092
Chloride	2700	40.0	2	12/08/23	12/11/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Trionyx 6 Fed #005H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/12/2023 2:10:40PM
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CS-31 6'

E312022-31

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2349064
Benzene	ND	0.0250	1	12/06/23	12/09/23	
Ethylbenzene	ND	0.0250	1	12/06/23	12/09/23	
Toluene	ND	0.0250	1	12/06/23	12/09/23	
o-Xylene	ND	0.0250	1	12/06/23	12/09/23	
p,m-Xylene	ND	0.0500	1	12/06/23	12/09/23	
Total Xylenes	ND	0.0250	1	12/06/23	12/09/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.4 %	70-130		12/06/23	12/09/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2349064
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/06/23	12/09/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.3 %	70-130		12/06/23	12/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2350002
Diesel Range Organics (C10-C28)	ND	25.0	1	12/11/23	12/12/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/11/23	12/12/23	
<i>Surrogate: n-Nonane</i>						
	87.7 %	50-200		12/11/23	12/12/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2349092
Chloride	12600	200	10	12/08/23	12/11/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Trionyx 6 Fed #005H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/12/2023 2:10:40PM
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SW-1 0-6'

E312022-32

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2349064
Benzene	ND	0.0250	1	12/06/23	12/09/23	
Ethylbenzene	ND	0.0250	1	12/06/23	12/09/23	
Toluene	ND	0.0250	1	12/06/23	12/09/23	
o-Xylene	ND	0.0250	1	12/06/23	12/09/23	
p,m-Xylene	ND	0.0500	1	12/06/23	12/09/23	
Total Xylenes	ND	0.0250	1	12/06/23	12/09/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.3 %	70-130		12/06/23	12/09/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2349064
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/06/23	12/09/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.8 %	70-130		12/06/23	12/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2350002
Diesel Range Organics (C10-C28)	ND	25.0	1	12/11/23	12/12/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/11/23	12/12/23	
<i>Surrogate: n-Nonane</i>						
	90.2 %	50-200		12/11/23	12/12/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2349092
Chloride	ND	20.0	1	12/08/23	12/11/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Trionyx 6 Fed #005H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/12/2023 2:10:40PM
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SW-2 0-6'

E312022-33

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2349064	
Benzene	ND	0.0250	1	12/06/23	12/09/23	
Ethylbenzene	ND	0.0250	1	12/06/23	12/09/23	
Toluene	ND	0.0250	1	12/06/23	12/09/23	
o-Xylene	ND	0.0250	1	12/06/23	12/09/23	
p,m-Xylene	ND	0.0500	1	12/06/23	12/09/23	
Total Xylenes	ND	0.0250	1	12/06/23	12/09/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.7 %	70-130		12/06/23	12/09/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2349064	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/06/23	12/09/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.0 %	70-130		12/06/23	12/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2350002	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/11/23	12/12/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/11/23	12/12/23	
<i>Surrogate: n-Nonane</i>						
	93.7 %	50-200		12/11/23	12/12/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2349092	
Chloride	118	20.0	1	12/08/23	12/11/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Trionyx 6 Fed #005H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/12/2023 2:10:40PM
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SW-3 0-6'

E312022-34

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2349064
Benzene	ND	0.0250	1	12/06/23	12/09/23	
Ethylbenzene	ND	0.0250	1	12/06/23	12/09/23	
Toluene	ND	0.0250	1	12/06/23	12/09/23	
o-Xylene	ND	0.0250	1	12/06/23	12/09/23	
p,m-Xylene	ND	0.0500	1	12/06/23	12/09/23	
Total Xylenes	ND	0.0250	1	12/06/23	12/09/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.8 %	70-130		12/06/23	12/09/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2349064
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/06/23	12/09/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.8 %	70-130		12/06/23	12/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2350002
Diesel Range Organics (C10-C28)	ND	25.0	1	12/11/23	12/12/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/11/23	12/12/23	
<i>Surrogate: n-Nonane</i>						
	89.4 %	50-200		12/11/23	12/12/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2349092
Chloride	1290	20.0	1	12/08/23	12/11/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Trionyx 6 Fed #005H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/12/2023 2:10:40PM
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SW-4 0-6'

E312022-35

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2349064
Benzene	ND	0.0250	1	12/06/23	12/09/23	
Ethylbenzene	ND	0.0250	1	12/06/23	12/09/23	
Toluene	ND	0.0250	1	12/06/23	12/09/23	
o-Xylene	ND	0.0250	1	12/06/23	12/09/23	
p,m-Xylene	ND	0.0500	1	12/06/23	12/09/23	
Total Xylenes	ND	0.0250	1	12/06/23	12/09/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.1 %	70-130		12/06/23	12/09/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2349064
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/06/23	12/09/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.5 %	70-130		12/06/23	12/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2350002
Diesel Range Organics (C10-C28)	ND	25.0	1	12/11/23	12/12/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/11/23	12/12/23	
<i>Surrogate: n-Nonane</i>						
	88.7 %	50-200		12/11/23	12/12/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2349092
Chloride	3460	40.0	2	12/08/23	12/11/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Trionyx 6 Fed #005H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/12/2023 2:10:40PM
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SW-5 0-6'

E312022-36

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2349064	
Benzene	ND	0.0250	1	12/06/23	12/09/23	
Ethylbenzene	ND	0.0250	1	12/06/23	12/09/23	
Toluene	ND	0.0250	1	12/06/23	12/09/23	
o-Xylene	ND	0.0250	1	12/06/23	12/09/23	
p,m-Xylene	ND	0.0500	1	12/06/23	12/09/23	
Total Xylenes	ND	0.0250	1	12/06/23	12/09/23	
Surrogate: 4-Bromochlorobenzene-PID	89.0 %	70-130		12/06/23	12/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2349064	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/06/23	12/09/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	89.6 %	70-130		12/06/23	12/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2350002	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/11/23	12/12/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/11/23	12/12/23	
Surrogate: n-Nonane	88.0 %	50-200		12/11/23	12/12/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2349092	
Chloride	8160	200	10	12/08/23	12/11/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Trionyx 6 Fed #005H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/12/2023 2:10:40PM
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SW-6 0-6'

E312022-37

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2349064
Benzene	ND	0.0250	1	12/06/23	12/09/23	
Ethylbenzene	ND	0.0250	1	12/06/23	12/09/23	
Toluene	ND	0.0250	1	12/06/23	12/09/23	
o-Xylene	ND	0.0250	1	12/06/23	12/09/23	
p,m-Xylene	ND	0.0500	1	12/06/23	12/09/23	
Total Xylenes	ND	0.0250	1	12/06/23	12/09/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.3 %	70-130		12/06/23	12/09/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2349064
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/06/23	12/09/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.2 %	70-130		12/06/23	12/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2350002
Diesel Range Organics (C10-C28)	ND	25.0	1	12/11/23	12/12/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/11/23	12/12/23	
<i>Surrogate: n-Nonane</i>						
	89.8 %	50-200		12/11/23	12/12/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2349092
Chloride	1640	20.0	1	12/08/23	12/11/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Trionyx 6 Fed #005H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/12/2023 2:10:40PM
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SW-7 0-6'

E312022-38

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2349064
Benzene	ND	0.0250	1	12/06/23	12/09/23	
Ethylbenzene	ND	0.0250	1	12/06/23	12/09/23	
Toluene	ND	0.0250	1	12/06/23	12/09/23	
o-Xylene	ND	0.0250	1	12/06/23	12/09/23	
p,m-Xylene	ND	0.0500	1	12/06/23	12/09/23	
Total Xylenes	ND	0.0250	1	12/06/23	12/09/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.4 %	70-130		12/06/23	12/09/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2349064
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/06/23	12/09/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.9 %	70-130		12/06/23	12/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2350002
Diesel Range Organics (C10-C28)	ND	25.0	1	12/11/23	12/12/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/11/23	12/12/23	
<i>Surrogate: n-Nonane</i>						
	87.4 %	50-200		12/11/23	12/12/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2349092
Chloride	13600	200	10	12/08/23	12/11/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Trionyx 6 Fed #005H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/12/2023 2:10:40PM
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SW-8 0-6'

E312022-39

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2349064
Benzene	ND	0.0250	1	12/06/23	12/09/23	
Ethylbenzene	ND	0.0250	1	12/06/23	12/09/23	
Toluene	ND	0.0250	1	12/06/23	12/09/23	
o-Xylene	ND	0.0250	1	12/06/23	12/09/23	
p,m-Xylene	ND	0.0500	1	12/06/23	12/09/23	
Total Xylenes	ND	0.0250	1	12/06/23	12/09/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.5 %	70-130		12/06/23	12/09/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2349064
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/06/23	12/09/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.9 %	70-130		12/06/23	12/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2350002
Diesel Range Organics (C10-C28)	ND	25.0	1	12/11/23	12/12/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/11/23	12/12/23	
<i>Surrogate: n-Nonane</i>						
	89.4 %	50-200		12/11/23	12/12/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2349092
Chloride	1380	40.0	2	12/08/23	12/11/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Trionyx 6 Fed #005H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/12/2023 2:10:40PM
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SW-9 0-6'

E312022-40

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2349064
Benzene	ND	0.0250	1	12/06/23	12/09/23	
Ethylbenzene	ND	0.0250	1	12/06/23	12/09/23	
Toluene	ND	0.0250	1	12/06/23	12/09/23	
o-Xylene	ND	0.0250	1	12/06/23	12/09/23	
p,m-Xylene	ND	0.0500	1	12/06/23	12/09/23	
Total Xylenes	ND	0.0250	1	12/06/23	12/09/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.2 %	70-130		12/06/23	12/09/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2349064
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/06/23	12/09/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.3 %	70-130		12/06/23	12/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2350002
Diesel Range Organics (C10-C28)	ND	25.0	1	12/11/23	12/12/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/11/23	12/12/23	
<i>Surrogate: n-Nonane</i>						
	92.6 %	50-200		12/11/23	12/12/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2349092
Chloride	284	20.0	1	12/08/23	12/11/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Trionyx 6 Fed #005H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/12/2023 2:10:40PM
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SW-10 0-6'
E312022-41

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS		Batch: 2349033	
Benzene	ND	0.0250	1	12/05/23	12/06/23	
Ethylbenzene	ND	0.0250	1	12/05/23	12/06/23	
Toluene	ND	0.0250	1	12/05/23	12/06/23	
o-Xylene	ND	0.0250	1	12/05/23	12/06/23	
p,m-Xylene	ND	0.0500	1	12/05/23	12/06/23	
Total Xylenes	ND	0.0250	1	12/05/23	12/06/23	
Surrogate: 4-Bromochlorobenzene-PID	91.8 %	70-130		12/05/23	12/06/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS		Batch: 2349033	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/23	12/06/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	91.8 %	70-130		12/05/23	12/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2350003	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/11/23	12/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/11/23	12/11/23	
Surrogate: n-Nonane	94.8 %	50-200		12/11/23	12/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2349081	
Chloride	203	20.0	1	12/07/23	12/08/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Trionyx 6 Fed #005H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/12/2023 2:10:40PM
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SW-11 0-6'
E312022-42

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS		Batch: 2349033	
Benzene	ND	0.0250	1	12/05/23	12/06/23	
Ethylbenzene	ND	0.0250	1	12/05/23	12/06/23	
Toluene	ND	0.0250	1	12/05/23	12/06/23	
o-Xylene	ND	0.0250	1	12/05/23	12/06/23	
p,m-Xylene	ND	0.0500	1	12/05/23	12/06/23	
Total Xylenes	ND	0.0250	1	12/05/23	12/06/23	
Surrogate: 4-Bromochlorobenzene-PID	91.8 %	70-130		12/05/23	12/06/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS		Batch: 2349033	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/23	12/06/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	92.1 %	70-130		12/05/23	12/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2350003	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/11/23	12/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/11/23	12/11/23	
Surrogate: n-Nonane	92.9 %	50-200		12/11/23	12/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2349081	
Chloride	411	20.0	1	12/07/23	12/08/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Trionyx 6 Fed #005H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/12/2023 2:10:40PM
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SW-12 0-6'
E312022-43

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS		Batch: 2349033	
Benzene	ND	0.0250	1	12/05/23	12/06/23	
Ethylbenzene	ND	0.0250	1	12/05/23	12/06/23	
Toluene	ND	0.0250	1	12/05/23	12/06/23	
o-Xylene	ND	0.0250	1	12/05/23	12/06/23	
p,m-Xylene	ND	0.0500	1	12/05/23	12/06/23	
Total Xylenes	ND	0.0250	1	12/05/23	12/06/23	
Surrogate: 4-Bromochlorobenzene-PID	91.2 %	70-130		12/05/23	12/06/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS		Batch: 2349033	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/23	12/06/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	93.2 %	70-130		12/05/23	12/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2350003	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/11/23	12/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/11/23	12/11/23	
Surrogate: n-Nonane	95.7 %	50-200		12/11/23	12/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2349081	
Chloride	2570	20.0	1	12/07/23	12/08/23	



QC Summary Data

NTG-New Tech Global Environmental	Project Name:	Trionyx 6 Fed #005H	Reported:
911 Regional Park Dr.	Project Number:	01058-0007	
Houston TX, 77060	Project Manager:	Ethan Sessums	12/12/2023 2:10:40PM

Volatile Organics by EPA 8021B

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2349033-BLK1) Prepared: 12/05/23 Analyzed: 12/05/23

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	7.72		8.00		96.5	70-130			

LCS (2349033-BS1) Prepared: 12/05/23 Analyzed: 12/05/23

Benzene	5.44	0.0250	5.00		109	70-130			
Ethylbenzene	5.40	0.0250	5.00		108	70-130			
Toluene	5.45	0.0250	5.00		109	70-130			
o-Xylene	5.40	0.0250	5.00		108	70-130			
p,m-Xylene	11.0	0.0500	10.0		110	70-130			
Total Xylenes	16.4	0.0250	15.0		109	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.93		8.00		99.1	70-130			

Matrix Spike (2349033-MS1) Source: E312021-06 Prepared: 12/05/23 Analyzed: 12/05/23

Benzene	5.31	0.0250	5.00	ND	106	54-133			
Ethylbenzene	5.25	0.0250	5.00	ND	105	61-133			
Toluene	5.30	0.0250	5.00	ND	106	61-130			
o-Xylene	5.27	0.0250	5.00	ND	105	63-131			
p,m-Xylene	10.7	0.0500	10.0	ND	107	63-131			
Total Xylenes	16.0	0.0250	15.0	ND	106	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.92		8.00		99.0	70-130			

Matrix Spike Dup (2349033-MSD1) Source: E312021-06 Prepared: 12/05/23 Analyzed: 12/05/23

Benzene	5.58	0.0250	5.00	ND	112	54-133	5.01	20	
Ethylbenzene	5.54	0.0250	5.00	ND	111	61-133	5.37	20	
Toluene	5.58	0.0250	5.00	ND	112	61-130	5.17	20	
o-Xylene	5.56	0.0250	5.00	ND	111	63-131	5.44	20	
p,m-Xylene	11.3	0.0500	10.0	ND	113	63-131	5.32	20	
Total Xylenes	16.8	0.0250	15.0	ND	112	63-131	5.36	20	
Surrogate: 4-Bromochlorobenzene-PID	7.73		8.00		96.6	70-130			



QC Summary Data

NTG-New Tech Global Environmental	Project Name:	Trionyx 6 Fed #005H	Reported:
911 Regional Park Dr.	Project Number:	01058-0007	
Houston TX, 77060	Project Manager:	Ethan Sessums	12/12/2023 2:10:40PM

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2349034-BLK1) Prepared: 12/05/23 Analyzed: 12/08/23

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	7.46		8.00		93.2	70-130			

LCS (2349034-BS1) Prepared: 12/05/23 Analyzed: 12/08/23

Benzene	4.71	0.0250	5.00		94.2	70-130			
Ethylbenzene	4.76	0.0250	5.00		95.2	70-130			
Toluene	4.79	0.0250	5.00		95.9	70-130			
o-Xylene	4.79	0.0250	5.00		95.8	70-130			
p,m-Xylene	9.70	0.0500	10.0		97.0	70-130			
Total Xylenes	14.5	0.0250	15.0		96.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.51		8.00		93.9	70-130			

Matrix Spike (2349034-MS1) Source: E312022-04 Prepared: 12/05/23 Analyzed: 12/08/23

Benzene	5.15	0.0250	5.00	ND	103	54-133			
Ethylbenzene	5.21	0.0250	5.00	ND	104	61-133			
Toluene	5.23	0.0250	5.00	ND	105	61-130			
o-Xylene	5.23	0.0250	5.00	ND	105	63-131			
p,m-Xylene	10.6	0.0500	10.0	ND	106	63-131			
Total Xylenes	15.8	0.0250	15.0	ND	105	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.40		8.00		92.5	70-130			

Matrix Spike Dup (2349034-MSD1) Source: E312022-04 Prepared: 12/05/23 Analyzed: 12/08/23

Benzene	4.96	0.0250	5.00	ND	99.1	54-133	3.88	20	
Ethylbenzene	5.03	0.0250	5.00	ND	101	61-133	3.44	20	
Toluene	5.04	0.0250	5.00	ND	101	61-130	3.70	20	
o-Xylene	5.06	0.0250	5.00	ND	101	63-131	3.24	20	
p,m-Xylene	10.2	0.0500	10.0	ND	102	63-131	3.42	20	
Total Xylenes	15.3	0.0250	15.0	ND	102	63-131	3.36	20	
Surrogate: 4-Bromochlorobenzene-PID	7.49		8.00		93.6	70-130			



QC Summary Data

NTG-New Tech Global Environmental	Project Name:	Trionyx 6 Fed #005H	Reported:
911 Regional Park Dr.	Project Number:	01058-0007	
Houston TX, 77060	Project Manager:	Ethan Sessums	12/12/2023 2:10:40PM

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2349064-BLK1) Prepared: 12/06/23 Analyzed: 12/09/23

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	7.12		8.00		89.0	70-130			

LCS (2349064-BS1) Prepared: 12/06/23 Analyzed: 12/09/23

Benzene	5.10	0.0250	5.00		102	70-130			
Ethylbenzene	5.17	0.0250	5.00		103	70-130			
Toluene	5.21	0.0250	5.00		104	70-130			
o-Xylene	5.22	0.0250	5.00		104	70-130			
p,m-Xylene	10.5	0.0500	10.0		105	70-130			
Total Xylenes	15.7	0.0250	15.0		105	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.31		8.00		91.4	70-130			

Matrix Spike (2349064-MS1) Source: E312022-26 Prepared: 12/06/23 Analyzed: 12/09/23

Benzene	4.35	0.0250	5.00	ND	87.0	54-133			
Ethylbenzene	4.41	0.0250	5.00	ND	88.1	61-133			
Toluene	4.44	0.0250	5.00	ND	88.7	61-130			
o-Xylene	4.44	0.0250	5.00	ND	88.8	63-131			
p,m-Xylene	8.95	0.0500	10.0	ND	89.5	63-131			
Total Xylenes	13.4	0.0250	15.0	ND	89.3	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.22		8.00		90.3	70-130			

Matrix Spike Dup (2349064-MSD1) Source: E312022-26 Prepared: 12/06/23 Analyzed: 12/09/23

Benzene	4.91	0.0250	5.00	ND	98.2	54-133	12.1	20	
Ethylbenzene	5.02	0.0250	5.00	ND	100	61-133	13.1	20	
Toluene	5.03	0.0250	5.00	ND	101	61-130	12.6	20	
o-Xylene	5.05	0.0250	5.00	ND	101	63-131	12.9	20	
p,m-Xylene	10.2	0.0500	10.0	ND	102	63-131	13.1	20	
Total Xylenes	15.3	0.0250	15.0	ND	102	63-131	13.0	20	
Surrogate: 4-Bromochlorobenzene-PID	7.12		8.00		88.9	70-130			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Trionyx 6 Fed #005H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/12/2023 2:10:40PM
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Nonhalogenated Organics by EPA 8015D - GRO

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 (2349033-BLK1) Prepared: 12/05/23 Analyzed: 12/05/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.95		8.00		86.8	70-130			

LCS (2349033-BS2) Prepared: 12/05/23 Analyzed: 12/05/23

Gasoline Range Organics (C6-C10)	52.8	20.0	50.0		106	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.02		8.00		87.8	70-130			

Matrix Spike (2349033-MS2) Source: E312021-06 Prepared: 12/05/23 Analyzed: 12/05/23

Gasoline Range Organics (C6-C10)	50.8	20.0	50.0	ND	102	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.27		8.00		90.9	70-130			

Matrix Spike Dup (2349033-MSD2) Source: E312021-06 Prepared: 12/05/23 Analyzed: 12/05/23

Gasoline Range Organics (C6-C10)	52.4	20.0	50.0	ND	105	70-130	3.07	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.18		8.00		89.7	70-130			



QC Summary Data

NTG-New Tech Global Environmental	Project Name:	Trionyx 6 Fed #005H	Reported:
911 Regional Park Dr.	Project Number:	01058-0007	
Houston TX, 77060	Project Manager:	Ethan Sessums	12/12/2023 2:10:40PM

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 (2349034-BLK1) Prepared: 12/05/23 Analyzed: 12/08/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.85		8.00		85.7	70-130			

LCS (2349034-BS2) Prepared: 12/05/23 Analyzed: 12/08/23

Gasoline Range Organics (C6-C10)	48.4	20.0	50.0		96.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.18		8.00		89.8	70-130			

Matrix Spike (2349034-MS2) Source: E312022-04 Prepared: 12/05/23 Analyzed: 12/08/23

Gasoline Range Organics (C6-C10)	47.1	20.0	50.0	ND	94.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.07		8.00		88.4	70-130			

Matrix Spike Dup (2349034-MSD2) Source: E312022-04 Prepared: 12/05/23 Analyzed: 12/08/23

Gasoline Range Organics (C6-C10)	48.4	20.0	50.0	ND	96.8	70-130	2.74	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.16		8.00		89.5	70-130			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Trionyx 6 Fed #005H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/12/2023 2:10:40PM
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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 (2349064-BLK1) Prepared: 12/06/23 Analyzed: 12/09/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.21		8.00		90.1	70-130			

LCS (2349064-BS2) Prepared: 12/06/23 Analyzed: 12/09/23

Gasoline Range Organics (C6-C10)	45.9	20.0	50.0		91.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.37		8.00		92.1	70-130			

Matrix Spike (2349064-MS2) Source: E312022-26 Prepared: 12/06/23 Analyzed: 12/09/23

Gasoline Range Organics (C6-C10)	44.6	20.0	50.0	ND	89.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.20		8.00		90.0	70-130			

Matrix Spike Dup (2349064-MSD2) Source: E312022-26 Prepared: 12/06/23 Analyzed: 12/09/23

Gasoline Range Organics (C6-C10)	44.0	20.0	50.0	ND	88.0	70-130	1.41	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.28		8.00		91.0	70-130			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Trionyx 6 Fed #005H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/12/2023 2:10:40PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2350001-BLK1)					Prepared: 12/11/23 Analyzed: 12/11/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	43.6		50.0		87.2	50-200			

LCS (2350001-BS1)					Prepared: 12/11/23 Analyzed: 12/11/23				
Diesel Range Organics (C10-C28)	205	25.0	250		82.0	38-132			
Surrogate: n-Nonane	42.3		50.0		84.5	50-200			

Matrix Spike (2350001-MS1)					Source: E312022-05		Prepared: 12/11/23 Analyzed: 12/11/23		
Diesel Range Organics (C10-C28)	205	25.0	250	ND	82.2	38-132			
Surrogate: n-Nonane	42.7		50.0		85.4	50-200			

Matrix Spike Dup (2350001-MSD1)					Source: E312022-05		Prepared: 12/11/23 Analyzed: 12/11/23		
Diesel Range Organics (C10-C28)	210	25.0	250	ND	84.1	38-132	2.32	20	
Surrogate: n-Nonane	42.2		50.0		84.5	50-200			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Trionyx 6 Fed #005H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/12/2023 2:10:40PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

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 (2350002-BLK1)					Prepared: 12/11/23 Analyzed: 12/11/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	43.7		50.0		87.5	50-200			

LCS (2350002-BS1)					Prepared: 12/11/23 Analyzed: 12/11/23				
Diesel Range Organics (C10-C28)	212	25.0	250		84.7	38-132			
Surrogate: n-Nonane	44.7		50.0		89.5	50-200			

Matrix Spike (2350002-MS1)					Source: E312022-27		Prepared: 12/11/23 Analyzed: 12/11/23		
Diesel Range Organics (C10-C28)	221	25.0	250	ND	88.3	38-132			
Surrogate: n-Nonane	46.9		50.0		93.8	50-200			

Matrix Spike Dup (2350002-MSD1)					Source: E312022-27		Prepared: 12/11/23 Analyzed: 12/11/23		
Diesel Range Organics (C10-C28)	219	25.0	250	ND	87.6	38-132	0.796	20	
Surrogate: n-Nonane	42.9		50.0		85.8	50-200			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Trionyx 6 Fed #005H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/12/2023 2:10:40PM
---------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------	---------------------------------------

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2350003-BLK1)					Prepared: 12/11/23 Analyzed: 12/11/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.0		50.0		94.0	50-200			

LCS (2350003-BS1)					Prepared: 12/11/23 Analyzed: 12/11/23				
Diesel Range Organics (C10-C28)	238	25.0	250		95.3	38-132			
Surrogate: n-Nonane	47.7		50.0		95.4	50-200			

Matrix Spike (2350003-MS1)					Source: E312024-02		Prepared: 12/11/23 Analyzed: 12/11/23		
Diesel Range Organics (C10-C28)	252	25.0	250	ND	101	38-132			
Surrogate: n-Nonane	47.6		50.0		95.1	50-200			

Matrix Spike Dup (2350003-MSD1)					Source: E312024-02		Prepared: 12/11/23 Analyzed: 12/11/23		
Diesel Range Organics (C10-C28)	236	25.0	250	ND	94.5	38-132	6.46	20	
Surrogate: n-Nonane	47.1		50.0		94.3	50-200			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Trionyx 6 Fed #005H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/12/2023 2:10:40PM
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Anions by EPA 300.0/9056A

Analyst: DT

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 (2349081-BLK1)				Prepared: 12/07/23 Analyzed: 12/08/23					
Chloride	ND	20.0							
LCS (2349081-BS1)				Prepared: 12/07/23 Analyzed: 12/08/23					
Chloride	247	20.0	250		98.7	90-110			
Matrix Spike (2349081-MS1)				Source: E312021-02		Prepared: 12/07/23 Analyzed: 12/08/23			
Chloride	2890	20.0	250	2700	75.4	80-120			M4
Matrix Spike Dup (2349081-MSD1)				Source: E312021-02		Prepared: 12/07/23 Analyzed: 12/08/23			
Chloride	2890	20.0	250	2700	75.1	80-120	0.0234	20	M4



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Trionyx 6 Fed #005H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/12/2023 2:10:40PM
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Anions by EPA 300.0/9056A

Analyst: DT

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 (2349082-BLK1)				Prepared: 12/07/23 Analyzed: 12/08/23					
Chloride	ND	20.0							
LCS (2349082-BS1)				Prepared: 12/07/23 Analyzed: 12/09/23					
Chloride	248	20.0	250		99.2	90-110			
Matrix Spike (2349082-MS1)				Source: E312022-01		Prepared: 12/07/23 Analyzed: 12/08/23			
Chloride	304	20.0	250	29.4	110	80-120			
Matrix Spike Dup (2349082-MSD1)				Source: E312022-01		Prepared: 12/07/23 Analyzed: 12/08/23			
Chloride	313	20.0	250	29.4	113	80-120	2.84	20	



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Trionyx 6 Fed #005H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/12/2023 2:10:40PM
---------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------	---------------------------------------

Anions by EPA 300.0/9056A

Analyst: DT

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 (2349092-BLK1)					Prepared: 12/08/23 Analyzed: 12/08/23				
Chloride	ND	20.0							
LCS (2349092-BS1)					Prepared: 12/08/23 Analyzed: 12/08/23				
Chloride	246	20.0	250		98.3	90-110			
Matrix Spike (2349092-MS1)					Source: E312022-22		Prepared: 12/08/23 Analyzed: 12/08/23		
Chloride	3420	40.0	250	3460	NR	80-120			M4
Matrix Spike Dup (2349092-MSD1)					Source: E312022-22		Prepared: 12/08/23 Analyzed: 12/08/23		
Chloride	3320	40.0	250	3460	NR	80-120	3.14	20	M4

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 Fed #005H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	12/12/23 14:10

- M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.
- 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.



Work Order No: E312022
Job # 01058-0007

Project Manager:	Ethan Sessums	Bill to: (if different)	Dale Woodal
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@ntgglobal.com

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

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

Deliverables: EDD ☐ ADaPT ☐ Other: ☐

Project Name:		Trionyx 6 Fed #005			Turn Around			Pres. Code	ANALYSIS REQUEST														Preservative Codes						
Project Number:		237508			<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush				Parameters	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500										HOLD	None: NO DI Water: H ₂ O						
Project Location		Lee County, NM			Due Date:																		Cool: Cool MeOH: Me						
Sampler's Name:		Jillian S.			TAT starts the day received by the lab, if received by 4:30pm																		HCL: HC HNO ₃ : HN						
PO #:																							H ₂ SO ₄ : H ₂ NaOH: Na						
SAMPLE RECEIPT		Temp Blank:		Yes	No	Wet Ice:		Yes															No	H ₃ PO ₄ : HP					
Received Intact:		Yes		No	Thermometer ID:				NaHSO ₄ : NABIS																				
Cooler Custody Seals:		Yes		No	N/A		Correction Factor:				Na ₂ S ₂ O ₃ : NaSO ₃																		
Sample Custody Seals:		Yes		No	N/A		Temperature Reading:				Zn Acetate+NaOH: Zn																		
Total Containers:		43		Corrected Temperature:				4°C		NaOH+Ascorbic Acid: SAPC																			
Sample Identification		Depth (ft bgs)		Date		Time		Soil		Water		Grab/Comp		# of Cont															
CS-1		6ft		11/30/2023		9:00		X				Grab		1		1													
CS-2		6ft		11/30/2023		9:03		X				Grab		1		2													
CS-3		6ft		11/30/2023		9:06		X				Grab		1		3													
CS-4		6ft		11/30/2023		9:09		X				Grab		1		4													
CS-5		6ft		11/30/2023		9:12		X				Grab		1		5													
CS-6		6ft		11/30/2023		9:15		X				Grab		1		6													
CS-7		6ft		11/30/2023		9:18		X				Grab		1		7													
CS-8		6ft		11/30/2023		9:21		X				Grab		1		8													
CS-9		6ft		11/30/2023		9:24		X				Grab		1		9													
CS-10		6ft		11/30/2023		9:27		X				Grab		1		10													

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)		Received by: (Signature)		Date/Time	Relinquished by: (Signature)		Received by: (Signature)		Date/Time
1	<i>PN</i>	<i>Michelle Coomb</i>		12-4-23 1000	2	<i>Michelle Coomb</i>	<i>hva 44/560</i>		12-4-23 1630
3	<i>Andrew 44/560</i>	<i>Amster</i>		12/5/23 7:30	4				
5					6				

Work Order No: E312022
Job # 01058-0007

Project Manager:	Ethan Sessums	Bill to: (if different)	Dale Woodal
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: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
 State of Project:
 Reporting: Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐
 Deliverables: EDD ☐ ADaPT ☐ Other: ☐

[illegible]

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Relinquished by: (Signature)		Received by: (Signature)		Date/Time	
1	<i>DK</i>	<i>Michelle Eung</i>	<i>12-4-23 1000</i>	2	<i>Michelle Eung</i>
3	<i>John 4:30</i>	<i>Amtero</i>	<i>12/5/23 7:30</i>	4	<i>John 4:30</i>
5				6	

Work Order No: E312022
Job # 01058-0007

Project Manager:	Ethan Sessums	Bill to: (if different)	Dale Woodal
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: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

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

Deliverables: EDD ☐ ADaPT ☐ Other: ☐

[illegible]

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Relinquished by: (Signature)		Received by: (Signature)		Date/Time	
1	<i>DL</i>	<i>Michelle Cough</i>		2	<i>12-4-23 1000</i>
3	<i>John M. So</i>	<i>A. Montero</i>		4	<i>12-15-23 7:30</i>
5				6	



Project Manager:	Ethan Sessums	Bill to: (if different)	Dale Woodal
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:	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="text"/>

[illegible]





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	
1	<i>[Signature]</i>	<i>[Signature]</i>		2	<i>[Signature]</i>
3	<i>[Signature]</i>	<i>[Signature]</i>		4	<i>[Signature]</i>
5				6	

Page 5 of 5

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="text"/>	

Relinquished by: (Signature)		Received by: (Signature)		Date/Time	
1				12-4-23 1000	
3				12/5/23 7:30	
5					

Envirotech Analytical Laboratory

Printed: 12/5/2023 10:21:19AM

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:	12/05/23 07:30	Work Order ID:	E312022
Phone:	(281) 872-9300	Date Logged In:	12/04/23 15:19	Logged In By:	Jordan Montano
Email:	esssums@ntglobal.com	Due Date:	12/12/23 17:00 (5 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? Yes
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: CourierComments/ResolutionSample 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?	No
Collectors name?	No

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 Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

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

January 04, 2024

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 12/21/23 10:01.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at

www.tceq.texas.gov/field/ga/lab_accred_certif.html.

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

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

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

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

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

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Project: TRIONYX 6 FED #5H
Project Number: 237508
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
04-Jan-24 16:31

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CS - 31 7	H236802-01	Soil	20-Dec-23 00:00	21-Dec-23 10:01
CS - 32 7	H236802-02	Soil	20-Dec-23 00:00	21-Dec-23 10:01
CS - 33 6	H236802-03	Soil	20-Dec-23 00:00	21-Dec-23 10:01
CS - 34 6	H236802-04	Soil	20-Dec-23 00:00	21-Dec-23 10:01
CS - 35 6	H236802-05	Soil	20-Dec-23 00:00	21-Dec-23 10:01
CS - 36 6	H236802-06	Soil	20-Dec-23 00:00	21-Dec-23 10:01
CS - 37 6	H236802-07	Soil	20-Dec-23 00:00	21-Dec-23 10:01
CS - 38 6	H236802-08	Soil	20-Dec-23 00:00	21-Dec-23 10:01
SW - 3A 0-6	H236802-09	Soil	20-Dec-23 00:00	21-Dec-23 10:01
SW - 4A 0-6	H236802-10	Soil	20-Dec-23 00:00	21-Dec-23 10:01
SW - 5A 0-6	H236802-11	Soil	20-Dec-23 00:00	21-Dec-23 10:01
SW - 6A 0-6	H236802-12	Soil	20-Dec-23 00:00	21-Dec-23 10:01
SW - 7A 0-7	H236802-13	Soil	20-Dec-23 00:00	21-Dec-23 10:01
SW - 8A 0-6	H236802-14	Soil	20-Dec-23 00:00	21-Dec-23 10:01
SW - 12A 0-6	H236802-15	Soil	20-Dec-23 00:00	21-Dec-23 10:01
SW - 13 0-6	H236802-16	Soil	20-Dec-23 00:00	21-Dec-23 10:01
SW - 14 0-6	H236802-17	Soil	20-Dec-23 00:00	21-Dec-23 10:01
CS - 39 7'	H236802-18	Soil	20-Dec-23 00:00	21-Dec-23 10:01
SW - 15 6-7	H236802-19	Soil	20-Dec-23 00:00	21-Dec-23 10:01

01/04/24 - Client renamed sample ID of -18 and -19 (see COC). This is the revised report and will replace the one sent on 12/22/23.

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: TRIONYX 6 FED #5H
Project Number: 237508
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
04-Jan-24 16:31

CS - 31 7
H236802-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1490		16.0	mg/kg	4	3122137	HM	21-Dec-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3122118	JH	21-Dec-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134 3122118 JH 21-Dec-23 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3122119	MS	21-Dec-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3122119	MS	21-Dec-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3122119	MS	21-Dec-23	8015B	

Surrogate: 1-Chlorooctane 113 % 48.2-134 3122119 MS 21-Dec-23 8015B

Surrogate: 1-Chlorooctadecane 132 % 49.1-148 3122119 MS 21-Dec-23 8015B

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: TRIONYX 6 FED #5H
Project Number: 237508
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
04-Jan-24 16:31

CS - 32 7
H236802-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1420		16.0	mg/kg	4	3122137	HM	21-Dec-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Toluene*	<0.050	0.050	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	3122118	JH	21-Dec-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	105 %	71.5-134	3122118	JH	21-Dec-23	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	3122119	MS	21-Dec-23	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	3122119	MS	21-Dec-23	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	3122119	MS	21-Dec-23	8015B

Surrogate: 1-Chlorooctane	105 %	48.2-134	3122119	MS	21-Dec-23	8015B
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Surrogate: 1-Chlorooctadecane	117 %	49.1-148	3122119	MS	21-Dec-23	8015B
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: TRIONYX 6 FED #5H
Project Number: 237508
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
04-Jan-24 16:31

CS - 33 6
H236802-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	848		16.0	mg/kg	4	3122137	HM	21-Dec-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3122118	JH	21-Dec-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			104 %	71.5-134		3122118	JH	21-Dec-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3122119	MS	21-Dec-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3122119	MS	21-Dec-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3122119	MS	21-Dec-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			92.4 %	48.2-134		3122119	MS	21-Dec-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			103 %	49.1-148		3122119	MS	21-Dec-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: TRIONYX 6 FED #5H
Project Number: 237508
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
04-Jan-24 16:31

CS - 34 6
H236802-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1260		16.0	mg/kg	4	3122137	HM	21-Dec-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3122118	JH	21-Dec-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			103 %	71.5-134		3122118	JH	21-Dec-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3122119	MS	21-Dec-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3122119	MS	21-Dec-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3122119	MS	21-Dec-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			92.5 %	48.2-134		3122119	MS	21-Dec-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			103 %	49.1-148		3122119	MS	21-Dec-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: TRIONYX 6 FED #5H
Project Number: 237508
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
04-Jan-24 16:31

CS - 35 6
H236802-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1070		16.0	mg/kg	4	3122135	AC	21-Dec-23	4500-Cl-B	QM-07
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3122118	JH	21-Dec-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134 3122118 JH 21-Dec-23 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3122119	MS	21-Dec-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3122119	MS	21-Dec-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3122119	MS	21-Dec-23	8015B	

Surrogate: 1-Chlorooctane 102 % 48.2-134 3122119 MS 21-Dec-23 8015B

Surrogate: 1-Chlorooctadecane 114 % 49.1-148 3122119 MS 21-Dec-23 8015B

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: TRIONYX 6 FED #5H
Project Number: 237508
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
04-Jan-24 16:31

CS - 36 6
H236802-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	2080		16.0	mg/kg	4	3122135	AC	21-Dec-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3122118	JH	21-Dec-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			105 %	71.5-134		3122118	JH	21-Dec-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3122119	MS	21-Dec-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3122119	MS	21-Dec-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3122119	MS	21-Dec-23	8015B	

Surrogate: 1-Chlorooctane			101 %	48.2-134		3122119	MS	21-Dec-23	8015B	
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Surrogate: 1-Chlorooctadecane			111 %	49.1-148		3122119	MS	21-Dec-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: TRIONYX 6 FED #5H
Project Number: 237508
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
04-Jan-24 16:31

CS - 37 6
H236802-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1810		16.0	mg/kg	4	3122135	AC	21-Dec-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3122118	JH	21-Dec-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			102 %	71.5-134		3122118	JH	21-Dec-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3122119	MS	21-Dec-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3122119	MS	21-Dec-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3122119	MS	21-Dec-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			102 %	48.2-134		3122119	MS	21-Dec-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			114 %	49.1-148		3122119	MS	21-Dec-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: TRIONYX 6 FED #5H
Project Number: 237508
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
04-Jan-24 16:31

CS - 38 6
H236802-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	464		16.0	mg/kg	4	3122135	AC	21-Dec-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3122118	JH	21-Dec-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			105 %	71.5-134		3122118	JH	21-Dec-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3122119	MS	21-Dec-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3122119	MS	21-Dec-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3122119	MS	21-Dec-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			103 %	48.2-134		3122119	MS	21-Dec-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			113 %	49.1-148		3122119	MS	21-Dec-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: TRIONYX 6 FED #5H
Project Number: 237508
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
04-Jan-24 16:31

SW - 3A 0-6
H236802-09 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	112		16.0	mg/kg	4	3122135	AC	21-Dec-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Toluene*	<0.050	0.050	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	3122118	JH	21-Dec-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>		105 %		71.5-134	3122118	JH	21-Dec-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	3122119	MS	21-Dec-23	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	3122119	MS	21-Dec-23	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	3122119	MS	21-Dec-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>		96.2 %		48.2-134	3122119	MS	21-Dec-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>		103 %		49.1-148	3122119	MS	21-Dec-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: TRIONYX 6 FED #5H
Project Number: 237508
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
04-Jan-24 16:31

SW - 4A 0-6
H236802-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	112		16.0	mg/kg	4	3122135	AC	21-Dec-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3122118	JH	21-Dec-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134 3122118 JH 21-Dec-23 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3122119	MS	21-Dec-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3122119	MS	21-Dec-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3122119	MS	21-Dec-23	8015B	

Surrogate: 1-Chlorooctane 104 % 48.2-134 3122119 MS 21-Dec-23 8015B

Surrogate: 1-Chlorooctadecane 115 % 49.1-148 3122119 MS 21-Dec-23 8015B

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: TRIONYX 6 FED #5H
Project Number: 237508
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
04-Jan-24 16:31

SW - 5A 0-6
H236802-11 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	112		16.0	mg/kg	4	3122135	AC	21-Dec-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3122118	JH	21-Dec-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134 3122118 JH 21-Dec-23 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3122119	MS	21-Dec-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3122119	MS	21-Dec-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3122119	MS	21-Dec-23	8015B	

Surrogate: 1-Chlorooctane 105 % 48.2-134 3122119 MS 21-Dec-23 8015B

Surrogate: 1-Chlorooctadecane 116 % 49.1-148 3122119 MS 21-Dec-23 8015B

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: TRIONYX 6 FED #5H
Project Number: 237508
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
04-Jan-24 16:31

SW - 6A 0-6
H236802-12 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	80.0		16.0	mg/kg	4	3122135	AC	21-Dec-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3122118	JH	21-Dec-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134 3122118 JH 21-Dec-23 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3122119	MS	21-Dec-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3122119	MS	21-Dec-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3122119	MS	21-Dec-23	8015B	

Surrogate: 1-Chlorooctane 106 % 48.2-134 3122119 MS 21-Dec-23 8015B

Surrogate: 1-Chlorooctadecane 115 % 49.1-148 3122119 MS 21-Dec-23 8015B

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: TRIONYX 6 FED #5H
Project Number: 237508
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
04-Jan-24 16:31

SW - 7A 0-7
H236802-13 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	272		16.0	mg/kg	4	3122135	AC	21-Dec-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3122118	JH	21-Dec-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 71.5-134 3122118 JH 21-Dec-23 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3122119	MS	22-Dec-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3122119	MS	22-Dec-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3122119	MS	22-Dec-23	8015B	

Surrogate: 1-Chlorooctane 118 % 48.2-134 3122119 MS 22-Dec-23 8015B

Surrogate: 1-Chlorooctadecane 132 % 49.1-148 3122119 MS 22-Dec-23 8015B

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: TRIONYX 6 FED #5H
Project Number: 237508
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
04-Jan-24 16:31

SW - 8A 0-6
H236802-14 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	128		16.0	mg/kg	4	3122135	AC	21-Dec-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3122118	JH	21-Dec-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134 3122118 JH 21-Dec-23 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3122120	MS	21-Dec-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3122120	MS	21-Dec-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3122120	MS	21-Dec-23	8015B	

Surrogate: 1-Chlorooctane 90.0 % 48.2-134 3122120 MS 21-Dec-23 8015B

Surrogate: 1-Chlorooctadecane 97.5 % 49.1-148 3122120 MS 21-Dec-23 8015B

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: TRIONYX 6 FED #5H
Project Number: 237508
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
04-Jan-24 16:31

SW - 12A 0-6**H236802-15 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	3122135	AC	21-Dec-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3122118	JH	21-Dec-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			104 %	71.5-134		3122118	JH	21-Dec-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3122120	MS	21-Dec-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3122120	MS	21-Dec-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3122120	MS	21-Dec-23	8015B	

Surrogate: 1-Chlorooctane			97.2 %	48.2-134		3122120	MS	21-Dec-23	8015B	
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Surrogate: 1-Chlorooctadecane			106 %	49.1-148		3122120	MS	21-Dec-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: TRIONYX 6 FED #5H
Project Number: 237508
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
04-Jan-24 16:31

SW - 13 0-6
H236802-16 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	48.0		16.0	mg/kg	4	3122135	AC	21-Dec-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3122118	JH	21-Dec-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			99.2 %		71.5-134	3122118	JH	21-Dec-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3122120	MS	21-Dec-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3122120	MS	21-Dec-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3122120	MS	21-Dec-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			94.8 %		48.2-134	3122120	MS	21-Dec-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			102 %		49.1-148	3122120	MS	21-Dec-23	8015B	
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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
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: TRIONYX 6 FED #5H
Project Number: 237508
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
04-Jan-24 16:31

SW - 14 0-6
H236802-17 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	3122135	AC	21-Dec-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3122118	JH	21-Dec-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134 3122118 JH 21-Dec-23 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3122120	MS	21-Dec-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3122120	MS	21-Dec-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3122120	MS	21-Dec-23	8015B	

Surrogate: 1-Chlorooctane 97.2 % 48.2-134 3122120 MS 21-Dec-23 8015B

Surrogate: 1-Chlorooctadecane 105 % 49.1-148 3122120 MS 21-Dec-23 8015B

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: TRIONYX 6 FED #5H
Project Number: 237508
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
04-Jan-24 16:31

CS - 39 7'
H236802-18 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1790		16.0	mg/kg	4	3122135	AC	21-Dec-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3122118	JH	21-Dec-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			97.7 %		71.5-134	3122118	JH	21-Dec-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3122120	MS	21-Dec-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3122120	MS	21-Dec-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3122120	MS	21-Dec-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			96.0 %		48.2-134	3122120	MS	21-Dec-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			104 %		49.1-148	3122120	MS	21-Dec-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: TRIONYX 6 FED #5H
Project Number: 237508
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
04-Jan-24 16:31

SW - 15 6-7
H236802-19 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	320		16.0	mg/kg	4	3122135	AC	21-Dec-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3122118	JH	21-Dec-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3122118	JH	21-Dec-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134 3122118 JH 21-Dec-23 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3122120	MS	21-Dec-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3122120	MS	21-Dec-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3122120	MS	21-Dec-23	8015B	

Surrogate: 1-Chlorooctane 99.1 % 48.2-134 3122120 MS 21-Dec-23 8015B

Surrogate: 1-Chlorooctadecane 107 % 49.1-148 3122120 MS 21-Dec-23 8015B

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: TRIONYX 6 FED #5H
Project Number: 237508
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
04-Jan-24 16:31

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 3122135 - 1:4 DI Water**Blank (3122135-BLK1)**

Prepared & Analyzed: 21-Dec-23

Chloride	ND	16.0	mg/kg						
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LCS (3122135-BS1)

Prepared & Analyzed: 21-Dec-23

Chloride	416	16.0	mg/kg	400	104	80-120			
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LCS Dup (3122135-BSD1)

Prepared & Analyzed: 21-Dec-23

Chloride	416	16.0	mg/kg	400	104	80-120	0.00	20	
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Batch 3122137 - 1:4 DI Water**Blank (3122137-BLK1)**

Prepared & Analyzed: 21-Dec-23

Chloride	ND	16.0	mg/kg						
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LCS (3122137-BS1)

Prepared & Analyzed: 21-Dec-23

Chloride	432	16.0	mg/kg	400	108	80-120			
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LCS Dup (3122137-BSD1)

Prepared & Analyzed: 21-Dec-23

Chloride	448	16.0	mg/kg	400	112	80-120	3.64	20	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: TRIONYX 6 FED #5H
Project Number: 237508
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
04-Jan-24 16:31

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3122118 - Volatiles**Blank (3122118-BLK1)**

Prepared & Analyzed: 21-Dec-23

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0526		mg/kg	0.0500		105	71.5-134			

LCS (3122118-BS1)

Prepared & Analyzed: 21-Dec-23

Benzene	2.39	0.050	mg/kg	2.00		120	82.8-130			
Toluene	2.38	0.050	mg/kg	2.00		119	86-128			
Ethylbenzene	2.47	0.050	mg/kg	2.00		123	85.9-128			
m,p-Xylene	4.95	0.100	mg/kg	4.00		124	89-129			
o-Xylene	2.51	0.050	mg/kg	2.00		126	86.1-125			BS-3
Total Xylenes	7.46	0.150	mg/kg	6.00		124	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0534		mg/kg	0.0500		107	71.5-134			

LCS Dup (3122118-BSD1)

Prepared & Analyzed: 21-Dec-23

Benzene	2.32	0.050	mg/kg	2.00		116	82.8-130	2.92	15.8	
Toluene	2.20	0.050	mg/kg	2.00		110	86-128	7.51	15.9	
Ethylbenzene	2.27	0.050	mg/kg	2.00		113	85.9-128	8.53	16	
m,p-Xylene	4.56	0.100	mg/kg	4.00		114	89-129	8.13	16.2	
o-Xylene	2.30	0.050	mg/kg	2.00		115	86.1-125	8.68	16.7	
Total Xylenes	6.86	0.150	mg/kg	6.00		114	88.2-128	8.32	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0510		mg/kg	0.0500		102	71.5-134			

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: TRIONYX 6 FED #5H
Project Number: 237508
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
04-Jan-24 16:31

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3122119 - General Prep - Organics**Blank (3122119-BLK1)**

Prepared & Analyzed: 21-Dec-23

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	57.1		mg/kg	50.0		114	48.2-134			
Surrogate: 1-Chlorooctadecane	62.6		mg/kg	50.0		125	49.1-148			

LCS (3122119-BS1)

Prepared & Analyzed: 21-Dec-23

GRO C6-C10	215	10.0	mg/kg	200		108	66.4-123			
DRO >C10-C28	204	10.0	mg/kg	200		102	66.5-118			
Total TPH C6-C28	419	10.0	mg/kg	400		105	77.6-123			
Surrogate: 1-Chlorooctane	60.7		mg/kg	50.0		121	48.2-134			
Surrogate: 1-Chlorooctadecane	64.7		mg/kg	50.0		129	49.1-148			

LCS Dup (3122119-BS1)

Prepared & Analyzed: 21-Dec-23

GRO C6-C10	212	10.0	mg/kg	200		106	66.4-123	1.35	17.7	
DRO >C10-C28	202	10.0	mg/kg	200		101	66.5-118	1.06	21	
Total TPH C6-C28	414	10.0	mg/kg	400		104	77.6-123	1.21	18.5	
Surrogate: 1-Chlorooctane	60.8		mg/kg	50.0		122	48.2-134			
Surrogate: 1-Chlorooctadecane	63.0		mg/kg	50.0		126	49.1-148			

Batch 3122120 - General Prep - Organics**Blank (3122120-BLK1)**

Prepared & Analyzed: 21-Dec-23

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	47.6		mg/kg	50.0		95.2	48.2-134			
Surrogate: 1-Chlorooctadecane	51.0		mg/kg	50.0		102	49.1-148			

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: TRIONYX 6 FED #5H
Project Number: 237508
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
04-Jan-24 16:31

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3122120 - General Prep - Organics**LCS (3122120-BS1)**

Prepared & Analyzed: 21-Dec-23

GRO C6-C10	206	10.0	mg/kg	200		103	66.4-123			
DRO >C10-C28	212	10.0	mg/kg	200		106	66.5-118			
Total TPH C6-C28	418	10.0	mg/kg	400		104	77.6-123			
Surrogate: 1-Chlorooctane	51.6		mg/kg	50.0		103	48.2-134			
Surrogate: 1-Chlorooctadecane	53.8		mg/kg	50.0		108	49.1-148			

LCS Dup (3122120-BS1)

Prepared & Analyzed: 21-Dec-23

GRO C6-C10	205	10.0	mg/kg	200		102	66.4-123	0.444	17.7	
DRO >C10-C28	213	10.0	mg/kg	200		106	66.5-118	0.152	21	
Total TPH C6-C28	417	10.0	mg/kg	400		104	77.6-123	0.141	18.5	
Surrogate: 1-Chlorooctane	51.5		mg/kg	50.0		103	48.2-134			
Surrogate: 1-Chlorooctadecane	52.9		mg/kg	50.0		106	49.1-148			

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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: 4230802

Page 1 of 2

Page 27 of 28



Project Manager:	Ethan Sessums	Bill to: (if different)	Dale Woodall
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-766-1918	Email:	esessums@ntglobal.com

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

[illegible]

Additional Comments:

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
		12-21-23 1001	2		
			4		
			6		

Revised Date: 05/01/2020 Rev: 3020

Released to Imaging: 3/26/2024 11:00:15 AM



Chain of Custody

Work Order No: 1123 4802

Page 2 of 2

Page 28 of 28

Project Manager:	Ethan Sessums	Bill to: (if different)	Dale Woodall
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-766-1918	Email:	esessums@ntglobal.com

Work Order Comments	
Program:	UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Rowfields <input type="checkbox"/> RC <input type="checkbox"/> Perfund <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:		Turn Around		ANALYSIS REQUEST												Preservative Codes								
Trionyx 6 Fed #005		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush														None: NO DI Water: H ₂ O								
Project Number: 237508		Due Date: 24hrs														Cool: Cool MeOH: Me								
Project Location: Lea Co, NM		TAT starts the day received by the lab, if received by 4:30pm														HCL: HC HNO ₃ : HN								
Sampler's Name: Dmitri Nikanorov																H ₂ SO ₄ : H ₂ NaOH: Na								
PO #: 21179945																H ₃ PO ₄ : HP								
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<div style="display: flex; justify-content: space-between;"> <div>Parameters</div> <div> BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 4500 </div> <div>HOLD</div> </div>												NaHSO ₄ : NABIS						
Received Intact:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	140	Na ₂ S ₂ O ₃ : NaSO ₃																			
Cooler Custody Seals:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Correction Factor:		Zn Acetate+NaOH: Zn																			
Sample Custody Seals:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:	0.5	NaOH+Ascorbic Acid: SAPC																			
Total Containers:		19	Corrected Temperature:																					
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments				
SW-5A	0-6	12/20/2023		X		Comp	1	X	X	X													11	
SW-6A	0-6	12/20/2023		X		Comp	1	X	X	X													12	
SW-7A	0-7	12/20/2023		X		Comp	1	X	X	X													13	
SW-8A	0-6	12/20/2023		X		Comp	1	X	X	X													14	
SW-12A	0-6	12/20/2023		X		Comp	1	X	X	X													15	
SW-13	0-6	12/20/2023		X		Comp	1	X	X	X													16	
SW-14	0-6	12/20/2023		X		Comp	1	X	X	X													17	
* SW-15 CS-39 6-7	6-7	12/20/2023		X		Comp	1	X	X	X													18	
SW-16	6-7	12/20/2023		X		Comp	1	X	X	X													19	

Additional Comments:

* Customer requested Sample ID changes. To: 1/4/24

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	2	12-21-23 1001			
3	4				
5	6				

Revised Date 05/01/2020 Rev. 2020 1

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QUESTIONS

Action 304787

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:
	6137
	Action Number:
	304787
Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2331135655
Incident Name	NAPP2331135655 100 FT NORTH OF THE TRIONYX 6 FED 5 @ 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	100 FT NORTH OF THE TRIONYX 6 FED 5
Date Release Discovered	10/27/2023
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 Pipeline (Any) Produced Water Released: 231 BBL Recovered: 30 BBL Lost: 201 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
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)	ON 10/27/23 at 2:10 p.m. KRT employee was crossing NexGen's 12" lay flat hose without the proper crossing protection (Half-moon). He was crossing caliche with his backhoe because they had started to fill in a hole. In the process of crossing the backhoe created a slash on NexGen's 12" hose causing a spill. 230 bbls estimated to be released into an excavation 100 feet of the Trionyx 6 Fed 5. 30 bbls recovered.

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QUESTIONS, Page 2

Action 304787

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	304787
	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@dmv.com Date: 01/18/2024
----------------------------------------------------	--------------------------------------------------------------------------------------------------

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QUESTIONS, Page 3

Action 304787

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 304787
	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 100 and 500 (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)	12600
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	44
GRO+DRO (EPA SW-846 Method 8015M)	44
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	11/30/2023
On what date will (or did) the final sampling or liner inspection occur	12/02/2023
On what date will (or was) the remediation complete(d)	01/04/2024
What is the estimated surface area (in square feet) that will be reclaimed	7323
What is the estimated volume (in cubic yards) that will be reclaimed	1640
What is the estimated surface area (in square feet) that will be remediated	7323
What is the estimated volume (in cubic yards) that will be remediated	1640

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 304787

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	304787
	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 304787

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:
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	Action Number:
	304787
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 304787

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	304787
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	294687
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	12/18/2023
What was the (estimated) number of samples that were to be gathered	7
What was the sampling surface area in square feet	1200

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	7323
What was the total volume (cubic yards) remediated	1640
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	7323
What was the total volume (in cubic yards) reclaimed	1640
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
----------------------------------------------------	--------------------------------------------------------------------------------------------------

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QUESTIONS, Page 7

Action 304787

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 304787
	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 304787

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 304787
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
nvelez	None	3/26/2024