	Page 1 of	96
Incident ID	NGRL1031436824	
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?	Unknown (ft bgs)				
Did this release impact groundwater or surface water?	☐ Yes ⊠ No				
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ⊠ No				
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ⊠ No				
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ⊠ No				
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ⊠ No				
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ⊠ No				
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ⊠ No				
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ⊠ No				
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ⊠ No				
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ⊠ No				
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ⊠ No				
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes ⊠ No				
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.					
Characterization Report Checklist: Each of the following items must be included in the report.					
 Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. □ Field data □ Data table of soil contaminant concentration data □ Depth to water determination □ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release □ Boring or excavation logs □ Photographs including date and GIS information □ Topographic/Aerial maps 					
☐ Laboratory data including chain of custody					

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

Received by OCD: 10/25/2023 1:22:23 PM Form C-141 State of New Mexico Page 4 Oil Conservation Division

	Page 2 of	96
Incident ID	NGRL1031436824	
District RP		
Facility ID		
Application ID		

I hereby certify that the information given above is true and complete to the regulations all operators are required to report and/or file certain release not public health or the environment. The acceptance of a C-141 report by the failed to adequately investigate and remediate contamination that pose a threaddition, OCD acceptance of a C-141 report does not relieve the operator of and/or regulations.	ifications and perform corrective actions for releases which may endanger OCD does not relieve the operator of liability should their operations have eat to groundwater, surface water, human health or the environment. In
Printed Name:Dale Woodall	Title:Env. Professional
Signature: Dale Woodall	Date:10/24/23
email:dale.woodall@dvn.com	Telephone:575-748-1838
OCD Only	
Received by: Scott Rodgers	Date:10/25/2023

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

Page 3 of 96 NGRL1031436824 Incident ID 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.

	•
A scaled site and sampling diagram as described in 19.15.29.1	1 NMAC
Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection)	of the liner integrity if applicable (Note: appropriate OCD District office
☐ Laboratory analyses of final sampling (Note: appropriate ODC	C District office must be notified 2 days prior to final sampling)
☐ Description of remediation activities	
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of	ntions. The responsible party acknowledges they must substantially nditions that existed prior to the release or their final land use in
Printed Name:Dale Woodall	Title:Env. Professional
Signature: Dale Woodall	Date:10/24/23
	Telephone:575-748-1838
OCD Only	
	10/25/2022
Received by: Scott Rodgers	Date:10/25/2023
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations.
Closure Approved by: Ashley Maxwell	Date: 10/26/2023
Printed Name: Ashley Maxwell	Title: Environmental Specialist



402 E. Wood Avenue Carlsbad, New Mexico 88220 Tel. 432-701-2159 www.ntgenvironmental.com

October 24, 2023

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

Re: Closure Report

Rio Blanco 33 Federal #001H Unit N, S33, T22S, R34E

Site Coordinates: 32.3436928, -103.4783325

Lea County, New Mexico

Incident ID: NGRL1031436824

1. Introduction

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 for submittal to the New Mexico Oil Conservation Division (NMCOD) District 2 Office in Artesia, New Mexico to document site assessment, remedial action activities, and sample analysis results for the Rio Blanco 33 Federal #001H (Site). The Site is in Unit Letter N, Section 33, of Township 22 South and Range 34 East in Lea County, New Mexico. The GPS coordinates for the release site are 32.3436928° N latitude and -103.4783325° W longitude. The site location with respect to the nearest town is shown in Figure 1 and the topography of the area is shown in Figure 2.

2. Background

Based on the Release Notification C-141 Form, the release occurred on July 4th, 2010, due to internal corrosion which caused a hole to develop in the man way plate resulting in this spill. Approximately 80 barrels (bbls) of crude oil were released of which 77 bbls were recovered for an approximate net loss of 3 bbls of crude oil. Upon discovery, oil was contained in the berm but overflowed in an area approximately 15 feet (ft) x 40 ft area onto the adjacent pad. The release area is shown in Figure 3. The Release Notification, Site Assessment/Characterization, and Closure portions of Form C-141 for incident number NGRL1031436824 are attached to this report.

Creating a Better Environment For Oil & Gas Operations Mr. Mike Bratcher October 24, 2023 Page 2 of 4

3. Groundwater and 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 are no water sources within a ½ mile radius of the Site. 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.

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:

Site Characterization	Average Groundwater Depth (ft)				
Low Karst	Unknown				

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

Regulatory Standard	Chloride	TPH	TPH	BTEX	Benzene
19.15.29.13 Restoration, Reclamation and Re-	600 ma/lsa	100 mg/kg		50 mg/lsg	10 mg/kg
Vegetation (Impacted Area	600 mg/kg	100 mg/kg		50 mg/kg	10 mg/kg
0-4 Feet)					
19.15.23.12 Remediation and Closure Criteria for Soils Impacted by a Release (>4 Feet)	600 mg/kg	100 mg/kg		50 mg/kg	10 mg/kg
Notes:					
= not defined					

4. Initial Soil Delineation Assessment Summary and Findings

On May 23, 2023, NTGE conducted site assessment activities to assess the extent of impacts at the Site. A total of three (3) vertical sample points (V-1 through V-3) and four (4) horizontal sample points (H-1 through H-4) were installed within the release area to characterize the impacts. Soil samples were collected in one (1) ft intervals from depths ranging from 0.5 - 3.5 feet below ground surface (ft bgs) with a geotechnical hand auger. The hand auger was decontaminated with Alconox and deionized water between soil borings to prevent cross-contamination. Sample locations are shown on Figure 3.

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

The analytical results indicated that chloride concentrations exceeded the NMOCD regulatory limits in the areas of V-1 and V-2 from depths 0 - 0.5 ft bgs. Analytical results are included in

NTGE Project No.: 237338



Mr. Mike Bratcher October 24, 2023 Page 3 of 4

Table 1, while soil boring locations are shown in Figure 3. Laboratory reports containing analytical methods and chain-of-custody documents are attached to the back of the report.

5. Remediation Action Activities and Confirmation Sampling

Based on the analytical results, Devon proceeded with the remedial actions at the Site to include the excavation and disposal of impacted soils above the regulatory limits. The release area was excavated to the depths detailed below and illustrated on Figure 4.

• The area of V-1 and V-2 were excavated to a depth of 1 ft bgs.

The soils were field screened for both TPH and chlorides during excavation activities to aide in determining final excavation depths. After initial excavation, on September 5th, 2023, a total of thirteen (13) confirmation samples (CS-1 through CS-13) were collected from the excavation base along with four (4) confirmation sidewall samples (SW-1 through SW-4) to ensure impacted soil was removed. The confirmation samples were collected every 200 square feet and submitted for analysis of TPH, BTEX and chlorides at Envirotech Laboratories in Farmington, New Mexico. Analytical results indicated that samples CS-1 and SW-2 were above NMOCD Table I Closure Criteria for the Site for TPH and/or chloride concentrations. All other samples were below NMOCD regulatory criterion.

After additional excavation, the site was resampled on September 19th, 2023, in the previous areas of elevated TPH and chlorides. A total of one (1) bottom hole sample (CS-1 @ 2 ft) along with three (3) wall samples (SW-2A, SW-5 and SW-6) were submitted for analysis of TPH, BTEX, and chlorides to the laboratory. Analytical results were below the NMOCD Table I standards for all analysis performed. Following receipt of the final analytical results confirming the removal of the impacted soils, the excavation was backfilled and returned to near-natural grade. The final excavation extent and confirmation sample locations are shown on Figure 4. Analytical results of the confirmation samples are included in Table 2.

6. Closure Request

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

Sincerely,

NTG Environmental

Ethan Sessums Project Manager

NTGE Project No.: 237338



Mr. Mike Bratcher October 24, 2023 Page 4 of 4

Attachments:

Initial and Final C-141

Site Characterization Documentation

Tables Figures

Photographic Log

Laboratory Reports and Chain-of-Custody Documents

NTGE Project No.: 237338



Received by OCD: 10/25/2023 1:22:23 PM

Ethan Sessums

From: Ethan Sessums

Sent: Thursday, August 31, 2023 2:50 PM

To: Enviro, OCD, EMNRD
Cc: NTG Env Carlsbad
Subject: Sampling Notification

nGRL1031436824 Rio Blanco 33 Federal #001 7/3/2010
--

NTGE on behalf of DEVON Energy Production Company will be initiating a confirmation sampling event on Tuesday, September 5th, 2023, around 10 am MDT.

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/



Received by OCD: 10/25/2023 1:22:23 PM

Ethan Sessums

From: Ethan Sessums

Sent: Friday, September 15, 2023 10:45 AM

To: Enviro, OCD, EMNRD
Cc: NTG Env Carlsbad
Subject: Sampling Notification

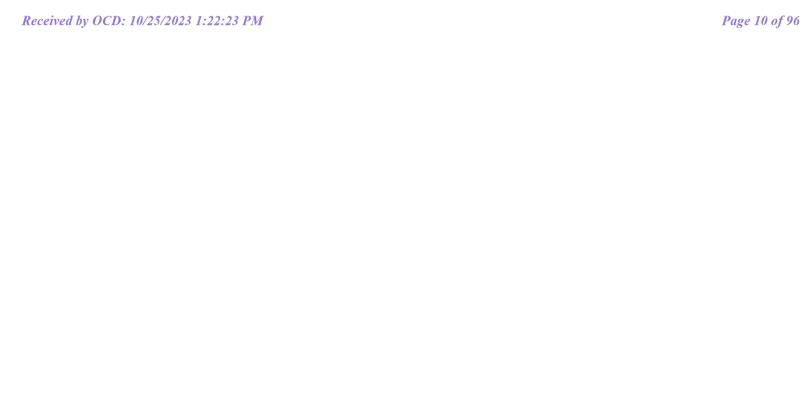
nGRL1031436824	Rio Blanco 33 Federal #001	7/3/2010
----------------	----------------------------	----------

NTGE on behalf of DEVON Energy Production Company will be initiating a confirmation sampling event on Tuesday, September 19th, 2023, around 1 pm MDT. persisting into the next day until end of business.

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/





District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, 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

Santa Fe, NM 87505

Oil Conservation Division 1220 South St. Francis Dr. Form C-141 Revised March 17, 1999

HOBBSOCD

RECEIVED

JUL 0 8 2010 Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

			Rele	ease Notific	cation	n and Co	orrective A	ction		
				OF	PERA	TOR		🛛 Initial	Report	Final Report
Name of 0	Company	<u>Devon E</u>	nergy			Contact□	Roger Herna	ndez		
Address 1						Telephone	e No.□575-74	48-5238		
Artesia, N										
Facility N	ame Rio	Blanco 33	3 Federa	ıl #1		Facility T	ype ☐ Battery			
Surface O	wner			Mineral	Owne	er		Lea	se No.□	
				LOCA	TIO	N OF REI	LEASE API	#30.029	5,363	59.00.00
Unit Letter	Section 33	Township 22S	Range 34E	Feet from the 1000	North South	/South Line	Feet from the 1620	East/West Lin West	ne County	
				NAT	URE	OF REL	EASE			
Type of Rele						Volume of	Release 80 BO		ne Recovere	
Source of Re							lour of Occurrenc	I		Discovery □ 7-4-10
Leak in many Was Immedia		Given?			 	7-4-10 10:	Whom? Jim Am	10:30 os (BLM) 12:0		
			Yes [No 🔲 Not Re	equired) 3:48 PM Trishia			
By Whom?							łour□ 7-04-10 3:		· · · · · · · · · · · · · · · · · · ·	
Was a Water	course Reac		Yes 🗵	l Ma		If YES, Vo	olume Impacting t	he Watercourse	: .	
If a Watercou	ırse was Im	pacted, Descr	ibe Fully. ³	4						
N/A										
							W	ATERP	230	l
		em and Reme								
Internal corre	sion caused	l a hole to dev	elop in th	e manway plate re	esulting	in this spill.				
		and Cleanup /					402 021	1 1 1 .	6 1. 0	
rake, and blei				to our location wa	as appro	eximately 15"	x40°. On was pic	ked up and tran	sterred to th	e other oil tank, we will
I hereby certi	fy that the i	nformation of	ven above	is true and comp	lete to t	he best of my	knowledge and u	nderstand that	oursuant to N	NMOCD rules and
regulations a	l operators	are required t	o report ar	nd/or file certain r	elease n	otifications a	nd perform correc	tive actions for	releases wh	ich may endanger
										operator of liability water, human health
or the environ	nment. In a	ddition, NMC	OCD accep	tance of a C-14I	report d	oes not reliev	e the operator of	responsibility f	or compliance	ce with any other
		vs and/or regu			•		-			
							OIL CON	<u>SERVATIO</u>	<u>on divis</u>	SION
Signature:	Yours	Huy	B				ENV ENUMBER	J.S.:		
Approved by District Supervisor:				,						
Printed Name: Roger Hernandez Acuffly on Jaking						me				
Title: Production Foreman Approval Date: 0 7 108 110 Expiration Date: 0 9 108 110					1/08/10					
Date: July 7,	2010 P	hone: (575)	748-5238			Conditions of	f Approval: perin	MARAN CIN	Attacl	hed 🔲
Attach Ad				rv		215 11/1 14	DIE SAMOLH	JULDE BUN	(150)	P-11-10-2645
				•		SOILRED COMPOSIO	luired to a te. submit 01/80	FINAL C-1		1 11 10 2070

te of New Mexico

Incident ID	NGRL1031436824
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>Unknown</u> (ft bgs)				
Did this release impact groundwater or surface water?					
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ⊠ No				
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ⊠ No				
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ⊠ No				
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ⊠ No				
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ⊠ No				
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ⊠ No				
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ⊠ No				
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ⊠ No				
Are the lateral extents of the release overlying an unstable area such as karst geology?					
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ⊠ No				
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes ⊠ No				
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.					
<u>Characterization Report Checklist</u> : Each of the following items must be included in the report.					
 Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring well Field data Data table of soil contaminant concentration data Depth to water determination Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release Boring or excavation logs Photographs including date and GIS information Topographic/Aerial maps Laboratory data including chain of custody 	ls.				

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

Received by OCD: 10/25/2023 1:22:23 PM Form C-141 State of New Mexico Oil Conservation Division Page 4

	Page 13 of	90
ID	NGRL1031436824	
		ı

Incident ID	NGRL1031436824
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: Dale Woodall	Date:10/24/23								
email:dale.woodall@dvn.com	Telephone:575-748-1838								
OCD Only									
Received by:	Date:								

Page 14 of 96

Incident ID	NGRL1031436824
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 its	ems must be included in the closure report.
A scaled site and sampling diagram as described in 19.15.29.1	1 NMAC
Photographs of the remediated site prior to backfill or photos of must be notified 2 days prior to liner inspection)	of the liner integrity if applicable (Note: appropriate OCD District office
☐ Laboratory analyses of final sampling (Note: appropriate ODC	District office must be notified 2 days prior to final sampling)
□ Description of remediation activities	
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of a should their operations have failed to adequately investigate and remulation human health or the environment. In addition, OCD acceptance of a compliance with any other federal, state, or local laws and/or regulate restore, reclaim, and re-vegetate the impacted surface area to the confaccordance with 19.15.29.13 NMAC including notification to the OC Printed Name:Dale Woodall	dediate contamination that pose a threat to groundwater, surface water, C-141 report does not relieve the operator of responsibility for tions. The responsible party acknowledges they must substantially ditions that existed prior to the release or their final land use in
OCD Only	
Received by:	Date:
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations.
Closure Approved by: Ashley Maxwell	Date:10/26/2023
Printed Name: Ashley Maxwell	Title: Environmental Specialist

Received by OCD: 10/25/2023 1:22:23 PM	Page 15 of 96
SITE CHARACTERIZATION DOCUMENTATION	

NMOCD Closure Criteria

Rio Blanco 33 Federal #001H

Site Information (19.15.29.11.A (2,3, & 4) NMAC)	Source/Notes								
Depth to Groundwater (ft bgs)	N/A	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)	>2680	National Wetlands Inventory (NWS)							

Closure Criteria (19.1	5.29.12.B(4) aı	nd Table 1 NM	AC)					
Don'th to Croundwater (ft)	Closure Criteria (mg/kg)							
Depth to Groundwater (ft)		Chloride*	TPH	GRO + DRO	BTEX	Benzene		
< 50	х	600	100		50	10		
51 - 100		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							
<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?								
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		600	100		50	10		
<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 and unstable area?	No							
Within a 100 yr floodplain?	No							

^{* -} numerical limit or background, whichever is greater

OSE POD Location Map





National Flood Hazard Layer FIRMette





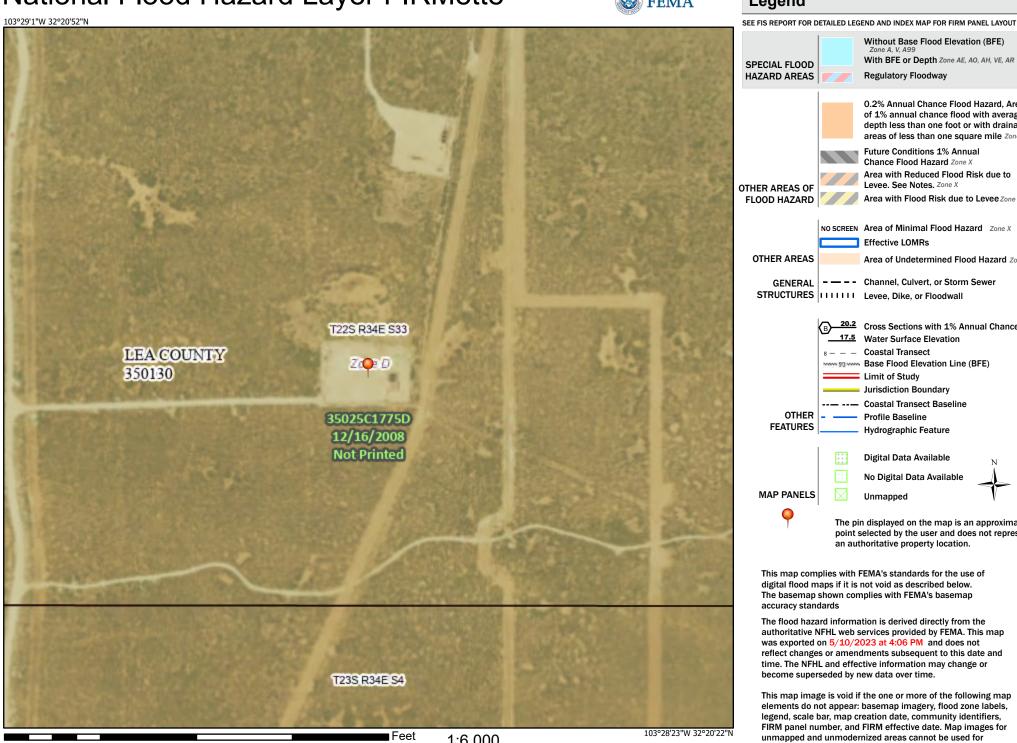
Without Base Flood Elevation (BFE) With BFE or Depth Zone AE, AO, AH, VE, AR SPECIAL FLOOD HAZARD AREAS Regulatory Floodway 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X **Future Conditions 1% Annual** Chance Flood Hazard Zone X Area with Reduced Flood Risk due to Levee. See Notes. Zone X OTHER AREAS OF Area with Flood Risk due to Levee Zone D FLOOD HAZARD NO SCREEN Area of Minimal Flood Hazard Zone X Effective LOMRs OTHER AREAS Area of Undetermined Flood Hazard Zone D - - - Channel, Culvert, or Storm Sewer **GENERAL** STRUCTURES | LILLIL Levee, Dike, or Floodwall 20.2 Cross Sections with 1% Annual Chance 17.5 Water Surface Elevation **Coastal Transect** Base Flood Elevation Line (BFE) Limit of Study **Jurisdiction Boundary** — --- Coastal Transect Baseline OTHER **Profile Baseline FEATURES** Hydrographic Feature Digital Data Available No Digital Data Available MAP PANELS Unmapped The pin displayed on the map is an approximate point selected by the user and does not represent

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

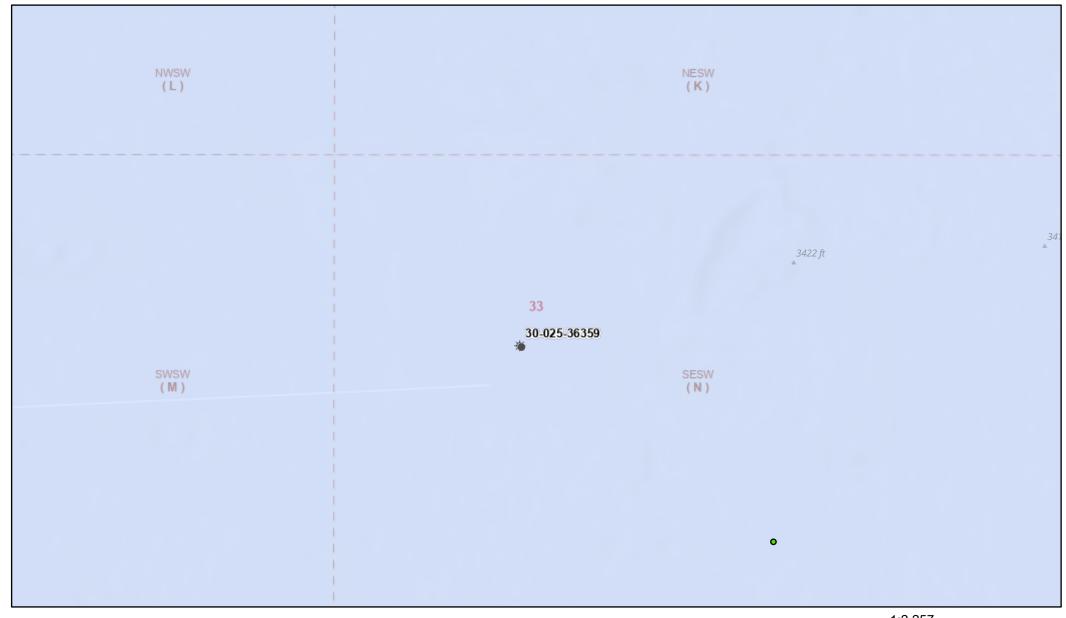
an authoritative property location.

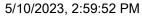
The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 5/10/2023 at 4:06 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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



OCD Well Locations



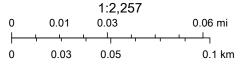


OSE Water PODs Karst Occurrence Potential

• Pending Low

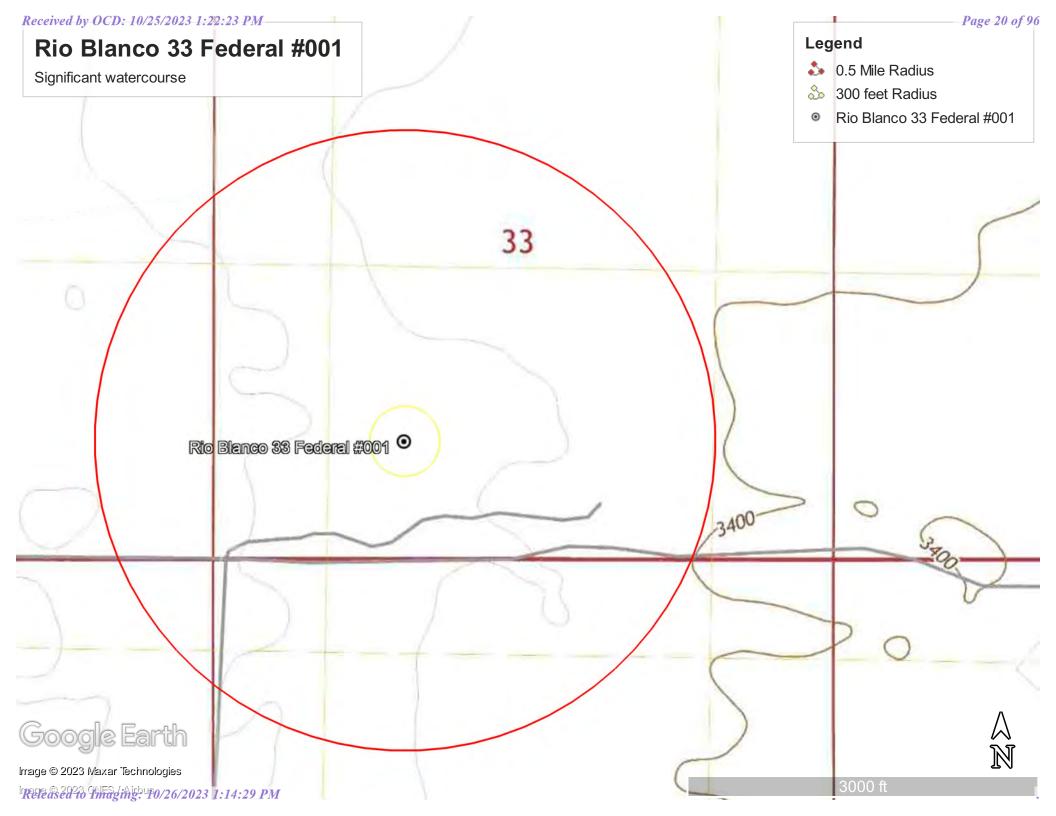
Wells - Large Scale PLSS Second Division

Released to Analyting: 10/26/2023 9:9 Figst Division



BLM, OCD, New Mexico Tech, Oil Conservation Division of the New Mexico Energy, Minerals and Natural Resources Department., Esri Community Maps Contributors, New Mexico State University, Texas Parks & Wildlife, © OpenStreetMap, Microsoft, CONANP, Esri, HERE, Garmin, SafeGraph,

New Mexico Oil Conservation Division





National Water Information System: Mapper





Rio Blanco 33 Fed #001



May 10, 2023

Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

Freshwater Pond

Lake

Other

Riverine

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

TABLES

Table 1 Summary of Soil Analytical Data - Delineation Samples Rio Blanco 33 Federal #1 Devon Energy Production Company Lea County, New Mexico

										ТРН			
Sample ID	Sample Date	Depth	Benzene	Toluene	Ethylbenzene	Xylenes	ВТЕХ	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	Chloride
	·	(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Table I Closure Criteria for Soil <50 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg				50 mg/kg					100 mg/kg	600 mg/kg
					Initi	al Assessme	nt Samples						
		0-0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	656
V-1	5/23/2023	1-1.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
V-1		2-2.5	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
		3-3.5	<0.050	< 0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
	5/23/2023	0-0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	800
V-2		1-1.5	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
V-Z		2-2.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
		3-3.5	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
		0-0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
V-3	5/23/2023	1-1.5	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
V-3	3/23/2023	2-2.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
		3-3.5	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
H-1	5/23/2023	0-0.5	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
H-2	5/23/2023	0-0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
H-3	5/23/2023	0-0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
H-4	5/23/2023	0-0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0

Notes:

- 1. Values reported in mg/kg
- 2.< = Value Less Than Reporting Limit (RL)
- 3. Bold indicates Analyte Detected
- 4. BTEX analyses by EPA Method SW 8021B
 SP-1 Sample Point Excavated
- 5. TPH analyses by EPA Method SW 8015 Mod.
- 6. GRO/DRO/MRO Gasoline/Diesel/Motor Oil
- 7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Tablel 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).

Project Number: 237338

Table 2 **Summary of Soil Analytical Data - Confirmation Samples** Rio Blanco 33 Federal #1 **Devon Energy Production Company** Lea County, New Mexico

								ТРН					
Sample ID 5	Sample Date	Depth	Benzene	Toluene	Ethylbenzene	Xylenes	втех	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	Chloride
	·	(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
					Table I	Closure Cri	teria for So	il 100+ feet I	Depth to Grou	ndwater 19.15.29	NMAC		
			10 mg/kg				50 mg/kg					100 mg/kg	600 mg/kg
					Ва	se Confirma	tion Sampl	es					
CS-1	9/5/2023	1'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	61.0	61.0	148	209	68.2
C3-1	9/19/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
CS-2	9/5/2023	1'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	80.5
CS-3	9/5/2023	1'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	71.4
CS-4	9/5/2023	1'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	74.2
CS-5	9/5/2023	1'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	82.1
CS-6	9/5/2023	1'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	82.2
CS-7	9/5/2023	1'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	64.3
CS-8	9/5/2023	1'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	74.1
CS-9	9/5/2023	1'	<0.0251	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	70.4
CS-10	9/5/2023	1'	<0.0252	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	62.6
CS-11	9/5/2023	1'	<0.0253	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	73.4
CS-12	9/5/2023	1'	<0.0254	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	77.4
CS-13	9/5/2023	1'	<0.0255	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	64.2
					Side	wall Confirn	nation Sam	ples					
SW-1	9/5/2023	0-1'	<0.0256	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	191
SW 2	9/5/2023	0-1'	<0.0257	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	10,500	10,500	1,300	11,800	658
SW-2A	9/19/2023	0-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
SW-3	9/5/2023	0-1'	<0.0258	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	328
SW-4	9/5/2023	0-1'	<0.0259	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	26.4
SW-5	9/19/2023	1-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
SW-6	9/19/2023	1-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64

Notes:

1. Values reported in mg/kg

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

3. Bold indicates Analyte Detected

Sample Point Excavated

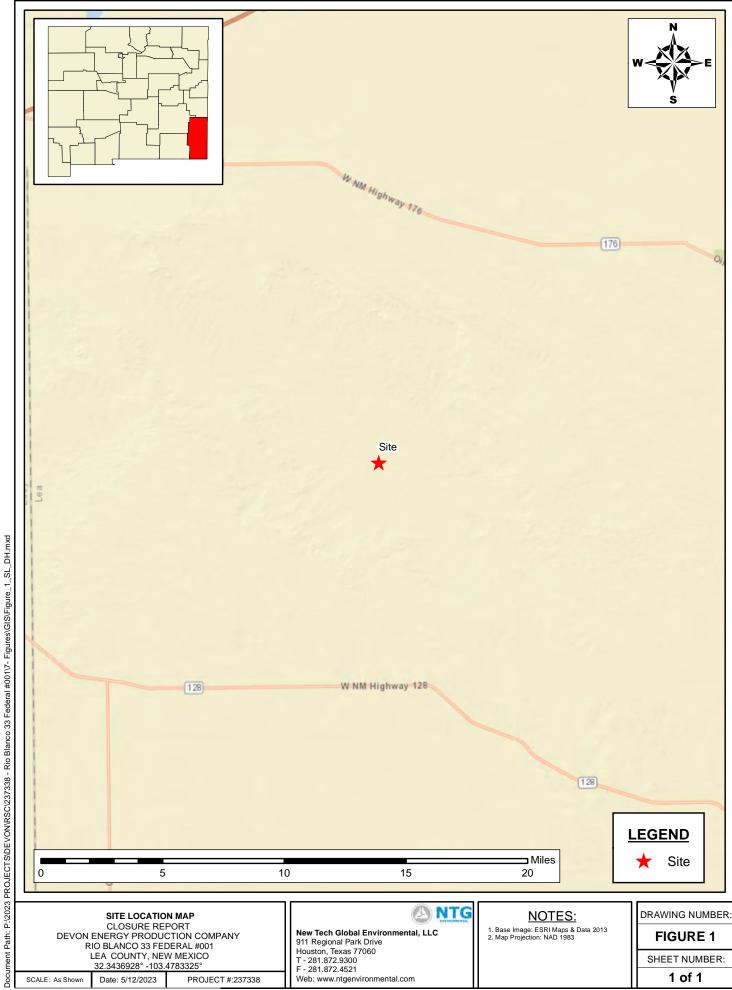
5. TPH analyses by EPA Method SW 8015 Mod.

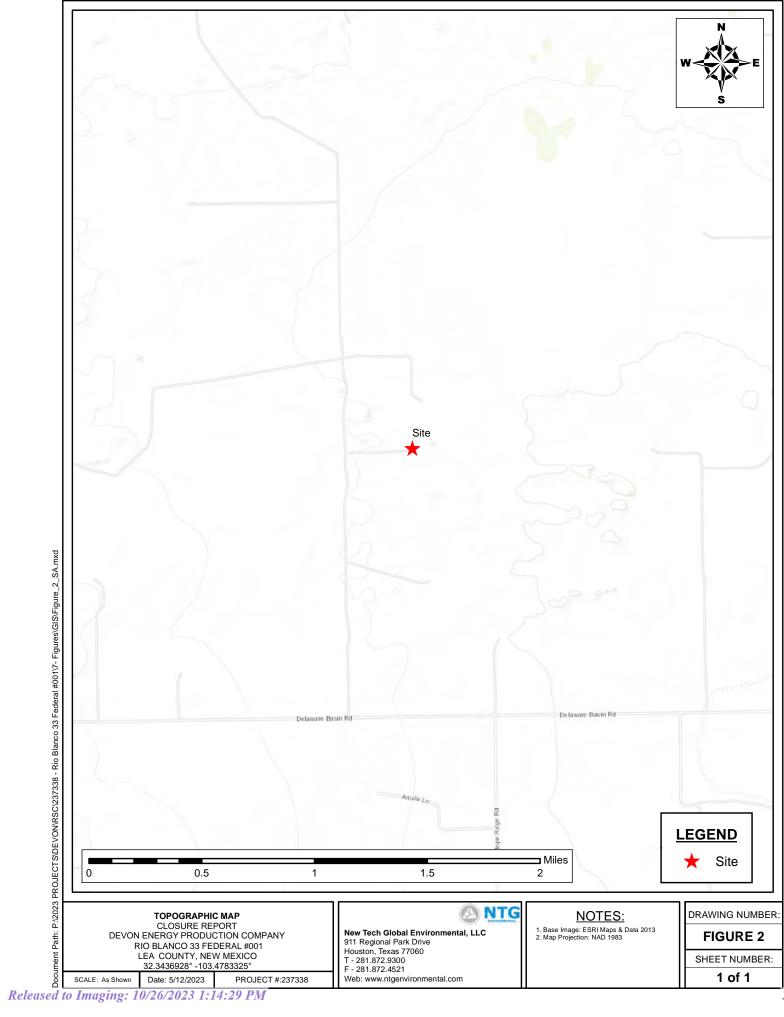
6. GRO/DRO/MRO - Gasoline/Diesel/Motor Oil

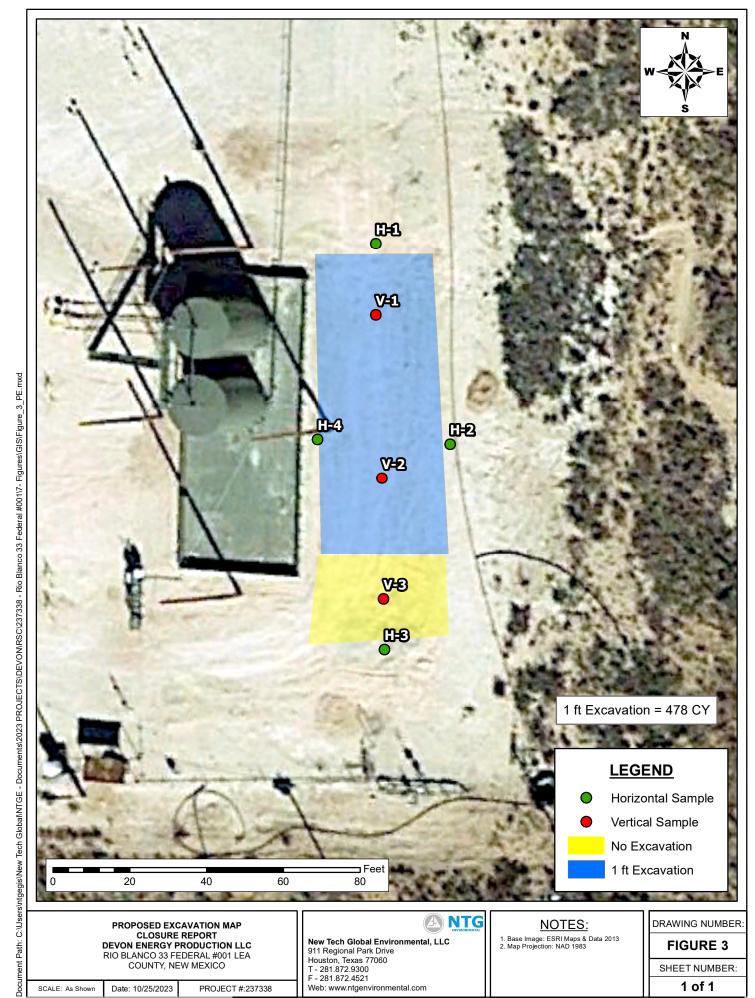
7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table! Closure Criteria for the site.

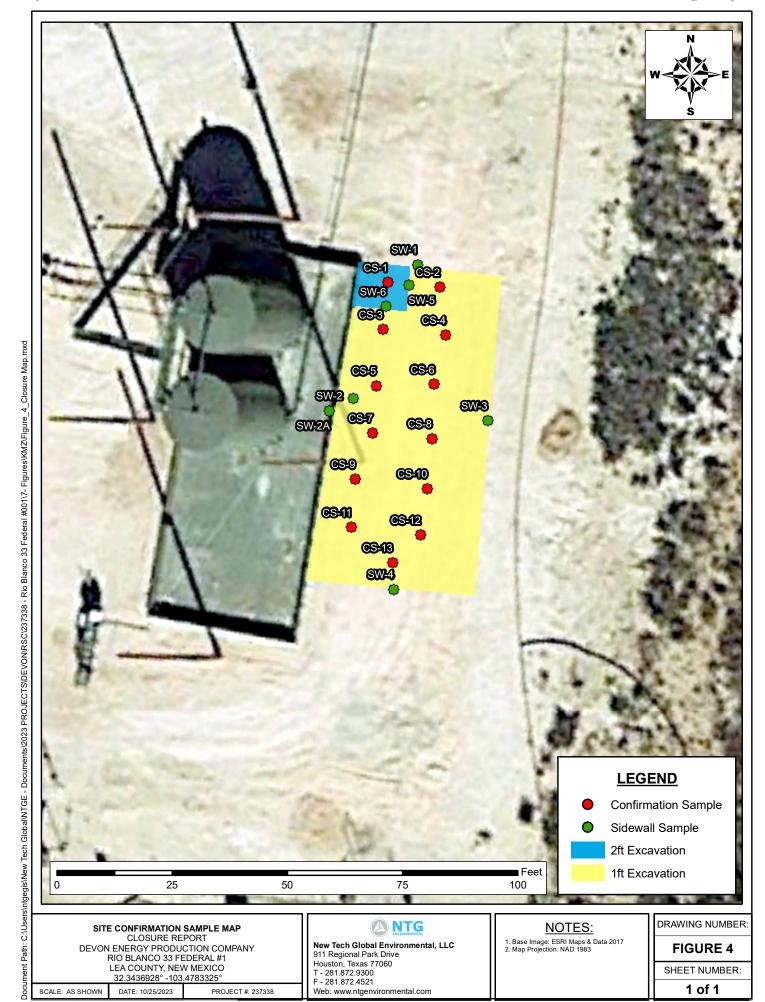
4. BTEX analyses by EPA Method SW 8021B 8. Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table I Closure Criteria for the site (Surface to 4 Feet Below Grade).

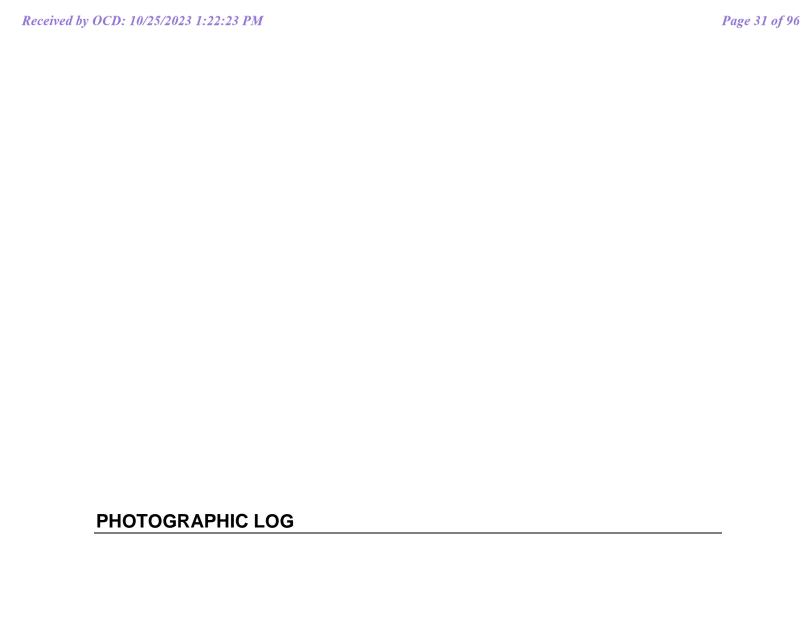
Project Number: 237338 1 **FIGURES**











PHOTOGRAPHIC LOG

Devon Energy Production Company

Photograph No. 1

Facility:

Rio Blanco 33 Federal #001

County:

Lea County, New Mexico

Description:

View of Impacted area.



Photograph No. 2

Facility:

Rio Blanco 33 Federal #001

County:

Lea County, New Mexico

Description:

View of Impacted area



Photograph No. 3

Facility:

Rio Blanco 33 Federal #001

County:

Lea County, New Mexico

Description:

View of impacted area.



PHOTOGRAPHIC LOG

Devon Energy Production Company

Photograph No. 4

Facility:

Rio Blanco 33 Federal #001

County:

Lea County, New Mexico

Description:

View of excavation.



Photograph No. 5

Facility:

Rio Blanco 33 Federal #001

County:

Lea County, New Mexico

Description:

View of excavation.



Photograph No. 6

Facility:

Rio Blanco 33 Federal #001

County:

Lea County, New Mexico

Description:

View of excavation.



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LABORATORY REPORTS AND CHAIN-OF-CUS	STODY DOCUMENTS



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

May 26, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: RIO BLANCO 33 FED #001

Enclosed are the results of analyses for samples received by the laboratory on 05/23/23 12:25.

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

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

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

Celey D. Keene

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/23/2023 Sampling Date: 05/23/2023

Reported: 05/26/2023 Sampling Type: Soil

Project Name: RIO BLANCO 33 FED #001 Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO, NM

Sample ID: V-1 (0-6") (H232620-01)

BTEX 8021B	mg/kg		Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/23/2023	ND	2.15	108	2.00	3.65	
Toluene*	<0.050	0.050	05/23/2023	ND	2.20	110	2.00	3.03	
Ethylbenzene*	<0.050	0.050	05/23/2023	ND	2.12	106	2.00	1.84	
Total Xylenes*	<0.150	0.150	05/23/2023	ND	6.56	109	6.00	1.81	
Total BTEX	<0.300	0.300	05/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	05/24/2023	ND	416	104	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2023	ND	165	82.5	200	1.70	
DRO >C10-C28*	<10.0	10.0	05/23/2023	ND	185	92.6	200	7.00	
EXT DRO >C28-C36	<10.0	10.0	05/23/2023	ND					
Surrogate: 1-Chlorooctane	81.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.9	% 49.1-14	8						

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Fax To:

Received: 05/23/2023 Sampling Date: 05/23/2023

Reported: 05/26/2023 Sampling Type: Soil

Project Name: RIO BLANCO 33 FED #001 Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO, NM

Sample ID: V-1 (1-1.5') (H232620-02)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/23/2023	ND	2.15	108	2.00	3.65	
Toluene*	<0.050	0.050	05/23/2023	ND	2.20	110	2.00	3.03	
Ethylbenzene*	<0.050	0.050	05/23/2023	ND	2.12	106	2.00	1.84	
Total Xylenes*	<0.150	0.150	05/23/2023	ND	6.56	109	6.00	1.81	
Total BTEX	<0.300	0.300	05/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/24/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2023	ND	165	82.5	200	1.70	
DRO >C10-C28*	<10.0	10.0	05/23/2023	ND	185	92.6	200	7.00	
EXT DRO >C28-C36	<10.0	10.0	05/23/2023	ND					
Surrogate: 1-Chlorooctane	93.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 9	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 05/23/2023 Reported: 05/26/2023

05/26/2023 Sampling Type:

Project Name: RIO BLANCO 33 FED #001
Project Number: NONE GIVEN

Project Location: DEVON - LEA CO, NM

Sampling Type: Soil
Sampling Condition: Cool & Intact

Sampling Date:

Sample Received By:

Tamara Oldaker

05/23/2023

Sample ID: V-1 (2-2.5') (H232620-03)

BTEX 8021B	mg	mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/23/2023	ND	2.15	108	2.00	3.65	
Toluene*	<0.050	0.050	05/23/2023	ND	2.20	110	2.00	3.03	
Ethylbenzene*	<0.050	0.050	05/23/2023	ND	2.12	106	2.00	1.84	
Total Xylenes*	<0.150	0.150	05/23/2023	ND	6.56	109	6.00	1.81	
Total BTEX	<0.300	0.300	05/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/24/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2023	ND	165	82.5	200	1.70	
DRO >C10-C28*	<10.0	10.0	05/23/2023	ND	185	92.6	200	7.00	
EXT DRO >C28-C36	<10.0	10.0	05/23/2023	ND					
Surrogate: 1-Chlorooctane	88.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	18						

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Celey D. Keine



Analytical Results For:

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

Received: 05/23/2023 Reported: 05/26/2023

Project Name: RIO BLANCO 33 FED #001 Project Number: NONE GIVEN

Project Location: DEVON - LEA CO, NM Sampling Date: 05/23/2023

Sampling Type: Soil

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

Sample ID: V-1 (3-3.5') (H232620-04)

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/23/2023	ND	2.15	108	2.00	3.65	
Toluene*	<0.050	0.050	05/23/2023	ND	2.20	110	2.00	3.03	
Ethylbenzene*	<0.050	0.050	05/23/2023	ND	2.12	106	2.00	1.84	
Total Xylenes*	<0.150	0.150	05/23/2023	ND	6.56	109	6.00	1.81	
Total BTEX	<0.300	0.300	05/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/24/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2023	ND	165	82.5	200	1.70	
DRO >C10-C28*	<10.0	10.0	05/23/2023	ND	185	92.6	200	7.00	
EXT DRO >C28-C36	<10.0	10.0	05/23/2023	ND					
Surrogate: 1-Chlorooctane	88.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101 9	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 05/23/2023 Sampling Date: 05/23/2023

Reported: 05/26/2023 Sampling Type: Soil

Project Name: RIO BLANCO 33 FED #001 Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO, NM

Sample ID: V-2 (0-6") (H232620-05)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/23/2023	ND	2.15	108	2.00	3.65	
Toluene*	<0.050	0.050	05/23/2023	ND	2.20	110	2.00	3.03	
Ethylbenzene*	<0.050	0.050	05/23/2023	ND	2.12	106	2.00	1.84	
Total Xylenes*	<0.150	0.150	05/23/2023	ND	6.56	109	6.00	1.81	
Total BTEX	<0.300	0.300	05/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	800	16.0	05/24/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2023	ND	165	82.5	200	1.70	
DRO >C10-C28*	<10.0	10.0	05/23/2023	ND	185	92.6	200	7.00	
EXT DRO >C28-C36	<10.0	10.0	05/23/2023	ND					
Surrogate: 1-Chlorooctane	80.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.0	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/23/2023 Reported: 05/26/2023

RIO BLANCO 33 FED #001

Project Name: Project Number: NONE GIVEN

Project Location: DEVON - LEA CO, NM Sampling Date: 05/23/2023

Sampling Type: Soil

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

Sample ID: V-2 (1-1.5') (H232620-06)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/23/2023	ND	2.15	108	2.00	3.65	
Toluene*	<0.050	0.050	05/23/2023	ND	2.20	110	2.00	3.03	
Ethylbenzene*	<0.050	0.050	05/23/2023	ND	2.12	106	2.00	1.84	
Total Xylenes*	<0.150	0.150	05/23/2023	ND	6.56	109	6.00	1.81	
Total BTEX	<0.300	0.300	05/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/24/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2023	ND	165	82.5	200	1.70	
DRO >C10-C28*	<10.0	10.0	05/23/2023	ND	185	92.6	200	7.00	
EXT DRO >C28-C36	<10.0	10.0	05/23/2023	ND					
Surrogate: 1-Chlorooctane	93.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/23/2023 Sampling Date: 05/23/2023

Reported: 05/26/2023 Sampling Type: Soil

Project Name: RIO BLANCO 33 FED #001 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO, NM

Sample ID: V-2 (2-2.5') (H232620-07)

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/23/2023	ND	2.15	108	2.00	3.65	
Toluene*	<0.050	0.050	05/23/2023	ND	2.20	110	2.00	3.03	
Ethylbenzene*	<0.050	0.050	05/23/2023	ND	2.12	106	2.00	1.84	
Total Xylenes*	<0.150	0.150	05/23/2023	ND	6.56	109	6.00	1.81	
Total BTEX	<0.300	0.300	05/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 %	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/24/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2023	ND	165	82.5	200	1.70	
DRO >C10-C28*	<10.0	10.0	05/23/2023	ND	185	92.6	200	7.00	
EXT DRO >C28-C36	<10.0	10.0	05/23/2023	ND					
Surrogate: 1-Chlorooctane	92.6 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108 %	% 49.1-14							

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Analytical Results For:

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

Received: 05/23/2023 Reported:

05/26/2023 RIO BLANCO 33 FED #001

Project Number: NONE GIVEN

Project Location: DEVON - LEA CO, NM Sampling Date: 05/23/2023

Sampling Type: Soil

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

Sample ID: V-2 (3-3.5') (H232620-08)

Project Name:

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/23/2023	ND	2.15	108	2.00	3.65	
Toluene*	<0.050	0.050	05/23/2023	ND	2.20	110	2.00	3.03	
Ethylbenzene*	<0.050	0.050	05/23/2023	ND	2.12	106	2.00	1.84	
Total Xylenes*	<0.150	0.150	05/23/2023	ND	6.56	109	6.00	1.81	
Total BTEX	<0.300	0.300	05/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/24/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2023	ND	165	82.5	200	1.70	
DRO >C10-C28*	<10.0	10.0	05/23/2023	ND	185	92.6	200	7.00	
EXT DRO >C28-C36	<10.0	10.0	05/23/2023	ND					
Surrogate: 1-Chlorooctane	88.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/23/2023 Sampling Date: 05/23/2023

Reported: 05/26/2023 Sampling Type: Soil

Project Name: RIO BLANCO 33 FED #001 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: DEVON - LEA CO, NM

Sample ID: V-3 (0-6") (H232620-09)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/23/2023	ND	2.15	108	2.00	3.65	
Toluene*	<0.050	0.050	05/23/2023	ND	2.20	110	2.00	3.03	
Ethylbenzene*	<0.050	0.050	05/23/2023	ND	2.12	106	2.00	1.84	
Total Xylenes*	<0.150	0.150	05/23/2023	ND	6.56	109	6.00	1.81	
Total BTEX	<0.300	0.300	05/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 %	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/24/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2023	ND	165	82.5	200	1.70	
DRO >C10-C28*	<10.0	10.0	05/23/2023	ND	185	92.6	200	7.00	
EXT DRO >C28-C36	<10.0	10.0	05/23/2023	ND					
Surrogate: 1-Chlorooctane	75.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.1	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 05/23/2023 Sampling Date: 05/23/2023

Reported: 05/26/2023 Sampling Type: Soil

Project Name: RIO BLANCO 33 FED #001 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO, NM

Sample ID: V-3 (1-1.5') (H232620-10)

Analyte Resu	ılt R	eporting Limit							
		eporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene* <0.09	50	0.050	05/23/2023	ND	2.15	108	2.00	3.65	
Toluene* <0.09	50	0.050	05/23/2023	ND	2.20	110	2.00	3.03	
Ethylbenzene* <0.0!	50	0.050	05/23/2023	ND	2.12	106	2.00	1.84	
Total Xylenes* <0.1	50	0.150	05/23/2023	ND	6.56	109	6.00	1.81	
Total BTEX <0.30	00	0.300	05/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 %	71.5-134	1						
Chloride, SM4500CI-B	mg/kg		Analyze	d By: AC					
Analyte Resu	ilt R	eporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride <16.	.0	16.0	05/24/2023	ND	416	104	400	0.00	
TPH 8015M	mg/kg		Analyze	d By: MS					
Analyte Resu	ılt R	eporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10* <10.	.0	10.0	05/23/2023	ND	165	82.5	200	1.70	
DRO >C10-C28* <10.	.0	10.0	05/23/2023	ND	185	92.6	200	7.00	
EXT DRO >C28-C36 <10.	.0	10.0	05/23/2023	ND					
Surrogate: 1-Chlorooctane 9	02.2 %	48.2-134	1						
Surrogate: 1-Chlorooctadecane	107%	49.1-148	3						

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Analytical Results For:

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

Received: 05/23/2023 Sampling Date: 05/23/2023

Reported: 05/26/2023 Sampling Type: Soil

Project Name: RIO BLANCO 33 FED #001 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO, NM

Sample ID: V-3 (2-2.5') (H232620-11)

very True Value QC RPD Qualifier 2.00 3.65 2.00 3.03
2.00 3.03
2.00 1.84
6.00 1.81
very True Value QC RPD Qualifier
400 0.00
very True Value QC RPD Qualifier
5 200 1.70
5 200 7.00

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Analytical Results For:

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

Received: 05/23/2023 Sampling Date: 05/23/2023

Reported: 05/26/2023 Sampling Type: Soil

Project Name: RIO BLANCO 33 FED #001 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO, NM

Sample ID: V-3 (3-3.5') (H232620-12)

BTEX 8021B	mg	/kg	Analyze	Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/23/2023	ND	2.15	108	2.00	3.65	
Toluene*	<0.050	0.050	05/23/2023	ND	2.20	110	2.00	3.03	
Ethylbenzene*	<0.050	0.050	05/23/2023	ND	2.12	106	2.00	1.84	
Total Xylenes*	<0.150	0.150	05/23/2023	ND	6.56	109	6.00	1.81	
Total BTEX	<0.300	0.300	05/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/24/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/24/2023	ND	165	82.5	200	1.70	
DRO >C10-C28*	<10.0	10.0	05/24/2023	ND	185	92.6	200	7.00	
EXT DRO >C28-C36	<10.0	10.0	05/24/2023	ND					
Surrogate: 1-Chlorooctane	89.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/23/2023 Sampling Date: 05/23/2023

Reported: 05/26/2023 Sampling Type: Soil

Project Name: RIO BLANCO 33 FED #001 Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO, NM

Sample ID: H-1 (0-6") (H232620-13)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/23/2023	ND	2.15	108	2.00	3.65	
Toluene*	<0.050	0.050	05/23/2023	ND	2.20	110	2.00	3.03	
Ethylbenzene*	<0.050	0.050	05/23/2023	ND	2.12	106	2.00	1.84	
Total Xylenes*	<0.150	0.150	05/23/2023	ND	6.56	109	6.00	1.81	
Total BTEX	<0.300	0.300	05/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/24/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/24/2023	ND	165	82.5	200	1.70	
DRO >C10-C28*	<10.0	10.0	05/24/2023	ND	185	92.6	200	7.00	
EXT DRO >C28-C36	<10.0	10.0	05/24/2023	ND					
Surrogate: 1-Chlorooctane	87.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101 9	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 05/23/2023 Sampling Date: 05/23/2023

Reported: 05/26/2023 Sampling Type: Soil

Project Name: RIO BLANCO 33 FED #001 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: 1H /

Project Location: DEVON - LEA CO, NM

Sample ID: H-2 (0-6") (H232620-14)

RTFY 8021R

B1EX 8021B	mg/	кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/24/2023	ND	2.19	109	2.00	2.95	
Toluene*	<0.050	0.050	05/24/2023	ND	2.17	109	2.00	3.49	
Ethylbenzene*	<0.050	0.050	05/24/2023	ND	2.24	112	2.00	2.69	
Total Xylenes*	<0.150	0.150	05/24/2023	ND	6.59	110	6.00	3.44	
Total BTEX	<0.300	0.300	05/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/24/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/24/2023	ND	165	82.5	200	1.70	
DRO >C10-C28*	<10.0	10.0	05/24/2023	ND	185	92.6	200	7.00	
EXT DRO >C28-C36	<10.0	10.0	05/24/2023	ND					
Surrogate: 1-Chlorooctane	89.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103 9	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Received: 05/23/2023 Sampling Date: 05/23/2023

Reported: 05/26/2023 Sampling Type: Soil

Project Name: RIO BLANCO 33 FED #001 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO, NM

Sample ID: H-3 (0-6") (H232620-15)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/24/2023	ND	2.19	109	2.00	2.95	
Toluene*	<0.050	0.050	05/24/2023	ND	2.17	109	2.00	3.49	
Ethylbenzene*	< 0.050	0.050	05/24/2023	ND	2.24	112	2.00	2.69	
Total Xylenes*	<0.150	0.150	05/24/2023	ND	6.59	110	6.00	3.44	
Total BTEX	<0.300	0.300	05/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/24/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2023	ND	180	89.8	200	2.33	
DRO >C10-C28*	<10.0	10.0	05/23/2023	ND	179	89.4	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	05/23/2023	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 05/23/2023 Sampling Date: 05/23/2023

Reported: 05/26/2023 Sampling Type: Soil

Project Name: RIO BLANCO 33 FED #001 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: DEVON - LEA CO, NM

Sample ID: H-4 (0-6") (H232620-16)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/24/2023	ND	2.19	109	2.00	2.95	
Toluene*	<0.050	0.050	05/24/2023	ND	2.17	109	2.00	3.49	
Ethylbenzene*	<0.050	0.050	05/24/2023	ND	2.24	112	2.00	2.69	
Total Xylenes*	<0.150	0.150	05/24/2023	ND	6.59	110	6.00	3.44	
Total BTEX	<0.300	0.300	05/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 %	6 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/24/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2023	ND	180	89.8	200	2.33	
DRO >C10-C28*	<10.0	10.0	05/23/2023	ND	179	89.4	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	05/23/2023	ND					
Surrogate: 1-Chlorooctane	101 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106 9	% 49.1-14	8						

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Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

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	Page 2_ of				Vesley Mathews	V	Bill to: (if different)			1S	Ethan Sessum	Project Manager:
Work Order No: #33868C)

Report to:
Ethan Sessums



5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

NTG-New Tech Global Environmental

Project Name: Rio Blanco 33 Federal #001

Work Order: E309049

Job Number: 01058-0007

Received: 9/8/2023

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 9/11/23

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: 9/11/23

Ethan Sessums 911 Regional Park Dr. Houston, TX 77060

Project Name: Rio Blanco 33 Federal #001

Workorder: E309049

Date Received: 9/8/2023 6:00:00AM

Ethan Sessums,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/8/2023 6:00:00AM, under the Project Name: Rio Blanco 33 Federal #001.

The analytical test results summarized in this report with the Project Name: Rio Blanco 33 Federal #001 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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881

Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Alexa Michaels

Sample Custody Officer Office: 505-632-1881

labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe

T 1 ' 1D

Technical Representative/Client Services

Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan Technical Representative

Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com



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Sample Summary

NTG-New Tech Global Environmental	Project Name:	Rio Blanco 33 Federal #001	Donoutoda
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	09/11/23 17:21

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-1	E309049-01A	Soil	09/05/23	09/08/23	Glass Jar, 4 oz.
CS-2	E309049-02A	Soil	09/05/23	09/08/23	Glass Jar, 4 oz.
CS-3	E309049-03A	Soil	09/05/23	09/08/23	Glass Jar, 4 oz.
CS-4	E309049-04A	Soil	09/05/23	09/08/23	Glass Jar, 4 oz.
CS-5	E309049-05A	Soil	09/05/23	09/08/23	Glass Jar, 4 oz.
CS-6	E309049-06A	Soil	09/05/23	09/08/23	Glass Jar, 4 oz.
CS-7	E309049-07A	Soil	09/05/23	09/08/23	Glass Jar, 4 oz.
CS-8	E309049-08A	Soil	09/05/23	09/08/23	Glass Jar, 4 oz.
CS-9	E309049-09A	Soil	09/05/23	09/08/23	Glass Jar, 4 oz.
CS-10	E309049-10A	Soil	09/05/23	09/08/23	Glass Jar, 4 oz.
CS-11	E309049-11A	Soil	09/05/23	09/08/23	Glass Jar, 4 oz.
CS-12	E309049-12A	Soil	09/05/23	09/08/23	Glass Jar, 4 oz.
CS-13	E309049-13A	Soil	09/05/23	09/08/23	Glass Jar, 4 oz.
SW-1	E309049-14A	Soil	09/05/23	09/08/23	Glass Jar, 4 oz.
SW-2	E309049-15A	Soil	09/05/23	09/08/23	Glass Jar, 4 oz.
SW-3	E309049-16A	Soil	09/05/23	09/08/23	Glass Jar, 4 oz.
SW-4	E309049-17A	Soil	09/05/23	09/08/23	Glass Jar, 4 oz.

NTG-New Tech Global Environmental	Project Name:	Rio Blanco 33 Federal #001	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/11/2023 5:21:46PM

CS-1

	L507047 01				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
100000		Diamon	Troparea	111111, 200	110105
mg/kg	mg/kg	Analyst	: IY		Batch: 2336094
ND	0.0250	1	09/09/23	09/10/23	
ND	0.0250	1	09/09/23	09/10/23	
ND	0.0250	1	09/09/23	09/10/23	
ND	0.0250	1	09/09/23	09/10/23	
ND	0.0500	1	09/09/23	09/10/23	
ND	0.0250	1	09/09/23	09/10/23	
	95.2 %	70-130	09/09/23	09/10/23	
mg/kg	mg/kg	Analyst	: IY		Batch: 2336094
		-			
ND	20.0	1	09/09/23	09/10/23	
ND	20.0	70-130	09/09/23 09/09/23	09/10/23 09/10/23	
ND mg/kg		1 70-130 Analyst	09/09/23		Batch: 2337019
	92.4 %		09/09/23		Batch: 2337019
mg/kg	92.4 % mg/kg		09/09/23 :: JL	09/10/23	Batch: 2337019
mg/kg 61.0	92.4 % mg/kg 25.0		09/09/23 :: JL 09/11/23	09/10/23	Batch: 2337019
mg/kg 61.0	92.4 % mg/kg 25.0 50.0	Analyst 1 1	09/09/23 :: JL 09/11/23 09/11/23	09/10/23 09/11/23 09/11/23	Batch: 2337019 Batch: 2337009
	ND ND ND ND ND ND	Result Reporting Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 ND 0.0250 95.2 %	Result Limit Dilution mg/kg mg/kg Analyst ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IV ND 0.0250 1 09/09/23 ND 0.0250 1 09/09/23 ND 0.0250 1 09/09/23 ND 0.0250 1 09/09/23 ND 0.0500 1 09/09/23 ND 0.0250 1 09/09/23 ND 0.0250 1 09/09/23 95.2 % 70-130 09/09/23	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 09/09/23 09/10/23 ND 0.0500 1 09/09/23 09/10/23 ND 0.0250 1 09/09/23 09/10/23 ND 0.0250 1 09/09/23 09/10/23 95.2 % 70-130 09/09/23 09/10/23

NTG-New Tech Global Environmental	Project Name:	Rio Blanco 33 Federal #001	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/11/2023 5:21:46PM

CS-2

		D 4:				
	D 1:	Reporting	D.1	ъ .		NT -
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2336080
Benzene	ND	0.0250	1	09/08/23	09/08/23	
Ethylbenzene	ND	0.0250	1	09/08/23	09/08/23	
Toluene	ND	0.0250	1	09/08/23	09/08/23	
o-Xylene	ND	0.0250	1	09/08/23	09/08/23	
p,m-Xylene	ND	0.0500	1	09/08/23	09/08/23	
Total Xylenes	ND	0.0250	1	09/08/23	09/08/23	
Surrogate: 4-Bromochlorobenzene-PID		92.8 %	70-130	09/08/23	09/08/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2336080
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/23	09/08/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.3 %	70-130	09/08/23	09/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2336082
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/23	09/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/23	09/08/23	
Surrogate: n-Nonane		111 %	50-200	09/08/23	09/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2336074
Chloride	80.5	20.0	1	09/08/23	09/08/23	·



NTG-New Tech Global Environmental	Project Name:	Rio Blanco 33 Federal #001	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/11/2023 5:21:46PM

CS-3

		ъ «:				
	D 1:	Reporting	D.1	ъ.		NT -
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2336080
Benzene	ND	0.0250	1	09/08/23	09/08/23	
Ethylbenzene	ND	0.0250	1	09/08/23	09/08/23	
Toluene	ND	0.0250	1	09/08/23	09/08/23	
o-Xylene	ND	0.0250	1	09/08/23	09/08/23	
p,m-Xylene	ND	0.0500	1	09/08/23	09/08/23	
Total Xylenes	ND	0.0250	1	09/08/23	09/08/23	
Surrogate: 4-Bromochlorobenzene-PID		94.5 %	70-130	09/08/23	09/08/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2336080
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/23	09/08/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.9 %	70-130	09/08/23	09/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2336082
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/23	09/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/23	09/08/23	
Surrogate: n-Nonane		107 %	50-200	09/08/23	09/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: BA		Batch: 2336074
Chloride	71.4	20.0	1	09/08/23	09/08/23	



NTG-New Tech Global Environmental	Project Name:	Rio Blanco 33 Federal #001	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/11/2023 5:21:46PM

CS-4

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2336080
Benzene	ND	0.0250	1	09/08/23	09/08/23	
Ethylbenzene	ND	0.0250	1	09/08/23	09/08/23	
Toluene	ND	0.0250	1	09/08/23	09/08/23	
o-Xylene	ND	0.0250	1	09/08/23	09/08/23	
p,m-Xylene	ND	0.0500	1	09/08/23	09/08/23	
Total Xylenes	ND	0.0250	1	09/08/23	09/08/23	
Surrogate: 4-Bromochlorobenzene-PID		94.0 %	70-130	09/08/23	09/08/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2336080
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/23	09/08/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.4 %	70-130	09/08/23	09/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2336082
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/23	09/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/23	09/08/23	
Surrogate: n-Nonane		106 %	50-200	09/08/23	09/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2336074
Chloride	74.2	20.0	1	09/08/23	09/08/23	



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		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2336080
Benzene	ND	0.0250	1	09/08/23	09/08/23	
Ethylbenzene	ND	0.0250	1	09/08/23	09/08/23	
Toluene	ND	0.0250	1	09/08/23	09/08/23	
o-Xylene	ND	0.0250	1	09/08/23	09/08/23	
p,m-Xylene	ND	0.0500	1	09/08/23	09/08/23	
Total Xylenes	ND	0.0250	1	09/08/23	09/08/23	
Surrogate: 4-Bromochlorobenzene-PID		94.6 %	70-130	09/08/23	09/08/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2336080
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/23	09/08/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.9 %	70-130	09/08/23	09/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2336082
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/23	09/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/23	09/08/23	
Surrogate: n-Nonane		103 %	50-200	09/08/23	09/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2336074
Chloride	82.1	20.0	1	09/08/23	09/08/23	

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	Reporting				
Result	Limit	Dilutio	n Prepared	Analyzed	Notes
mg/kg	mg/kg	An	alyst: IY		Batch: 2336080
ND	0.0250	1	09/08/23	09/08/23	
ND	0.0250	1	09/08/23	09/08/23	
ND	0.0250	1	09/08/23	09/08/23	
ND	0.0250	1	09/08/23	09/08/23	
ND	0.0500	1	09/08/23	09/08/23	
ND	0.0250	1	09/08/23	09/08/23	
	93.7 %	70-130	09/08/23	09/08/23	
mg/kg	mg/kg	An	alyst: IY		Batch: 2336080
ND	20.0	1	09/08/23	09/08/23	
	93.0 %	70-130	09/08/23	09/08/23	
mg/kg	mg/kg	An	alyst: JL		Batch: 2336082
ND	25.0	1	09/08/23	09/08/23	
ND	50.0	1	09/08/23	09/08/23	
	108 %	50-200	09/08/23	09/08/23	
mg/kg	mg/kg	An	alyst: BA		Batch: 2336074
82.2	20.0	1	09/08/23	09/08/23	
	mg/kg ND Mg/kg ND mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 0.0250 MD 20.0250 93.7 % mg/kg Mg/kg mg/kg ND 20.0 93.0 % mg/kg ND 25.0 ND 50.0 108 % mg/kg mg/kg mg/kg	Result Limit Dilution mg/kg mg/kg An ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 MD 0.0250 1 MD 20.0 1 93.0 % 70-130 mg/kg mg/kg An ND 25.0 1 ND 50.0 1 108 % 50-200 mg/kg Mg/kg An	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 09/08/23 ND 0.0250 1 09/08/23 ND 0.0250 1 09/08/23 ND 0.0500 1 09/08/23 ND 0.0250 1 09/08/23 ND 0.0250 1 09/08/23 mg/kg mg/kg Analyst: IY ND 20.0 1 09/08/23 mg/kg mg/kg Analyst: JL ND 25.0 1 09/08/23 ND 25.0 1 09/08/23 ND 50.0 0 09/08/23 ND	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 09/08/23 09/08/23 ND 0.0250 1 09/08/23 09/08/23 ND 0.0250 1 09/08/23 09/08/23 ND 0.0500 1 09/08/23 09/08/23 ND 0.0250 1 09/08/23 09/08/23 ND 0.0250 1 09/08/23 09/08/23 mg/kg mg/kg Analyst: IY ND 20.0 1 09/08/23 09/08/23 mg/kg mg/kg Analyst: JL ND 25.0 1 09/08/23 09/08/23 ND 25.0 1 09/08/23 09/08/23 09/08/23 ND 50.0 1 09/08/23 09/08/23 ND 50.0 1 09/08/23 09/08/23 ND 50.0 1 09/08/23 09/08/23 ND



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		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2336080
Benzene	ND	0.0250	1	09/08/23	09/08/23	
Ethylbenzene	ND	0.0250	1	09/08/23	09/08/23	
Toluene	ND	0.0250	1	09/08/23	09/08/23	
o-Xylene	ND	0.0250	1	09/08/23	09/08/23	
p,m-Xylene	ND	0.0500	1	09/08/23	09/08/23	
Total Xylenes	ND	0.0250	1	09/08/23	09/08/23	
Surrogate: 4-Bromochlorobenzene-PID		93.3 %	70-130	09/08/23	09/08/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2336080
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/23	09/08/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.5 %	70-130	09/08/23	09/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: JL		Batch: 2336082
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/23	09/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/23	09/08/23	
Surrogate: n-Nonane		108 %	50-200	09/08/23	09/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2336074
Chloride	64.3	20.0	1	09/08/23	09/09/23	



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		ъ .:				
		Reporting	5			
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2336080
Benzene	ND	0.0250	1	09/08/23	09/08/23	
Ethylbenzene	ND	0.0250	1	09/08/23	09/08/23	
Toluene	ND	0.0250	1	09/08/23	09/08/23	
o-Xylene	ND	0.0250	1	09/08/23	09/08/23	
p,m-Xylene	ND	0.0500	1	09/08/23	09/08/23	
Total Xylenes	ND	0.0250	1	09/08/23	09/08/23	
Surrogate: 4-Bromochlorobenzene-PID		94.2 %	70-130	09/08/23	09/08/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2336080
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/23	09/08/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.4 %	70-130	09/08/23	09/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: JL		Batch: 2336082
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/23	09/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/23	09/08/23	
Surrogate: n-Nonane		107 %	50-200	09/08/23	09/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2336074
Chloride	74.1	20.0	1	09/08/23	09/09/23	



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		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2336080
Benzene	ND	0.0250	1	09/08/23	09/08/23	
Ethylbenzene	ND	0.0250	1	09/08/23	09/08/23	
Toluene	ND	0.0250	1	09/08/23	09/08/23	
o-Xylene	ND	0.0250	1	09/08/23	09/08/23	
p,m-Xylene	ND	0.0500	1	09/08/23	09/08/23	
Total Xylenes	ND	0.0250	1	09/08/23	09/08/23	
Surrogate: 4-Bromochlorobenzene-PID		92.8 %	70-130	09/08/23	09/08/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2336080
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/23	09/08/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.9 %	70-130	09/08/23	09/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2336082
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/23	09/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/23	09/08/23	
Surrogate: n-Nonane		103 %	50-200	09/08/23	09/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2336074
· · · · · · · · · · · · · · · · · · ·	70.4	20.0		09/08/23	09/09/23	<u> </u>



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		Domontino				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2336080
Benzene	ND	0.0250	1	09/08/23	09/08/23	
Ethylbenzene	ND	0.0250	1	09/08/23	09/08/23	
Toluene	ND	0.0250	1	09/08/23	09/08/23	
o-Xylene	ND	0.0250	1	09/08/23	09/08/23	
p,m-Xylene	ND	0.0500	1	09/08/23	09/08/23	
Total Xylenes	ND	0.0250	1	09/08/23	09/08/23	
Surrogate: 4-Bromochlorobenzene-PID		96.2 %	70-130	09/08/23	09/08/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	Analyst: IY		Batch: 2336080
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/23	09/08/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.2 %	70-130	09/08/23	09/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2336082
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/23	09/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/23	09/08/23	
Surrogate: n-Nonane		111 %	50-200	09/08/23	09/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: BA		Batch: 2336074
Chloride	62.6	20.0	1	09/08/23	09/09/23	



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		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2336080
Benzene	ND	0.0250	1	09/08/23	09/08/23	
Ethylbenzene	ND	0.0250	1	09/08/23	09/08/23	
Toluene	ND	0.0250	1	09/08/23	09/08/23	
o-Xylene	ND	0.0250	1	09/08/23	09/08/23	
p,m-Xylene	ND	0.0500	1	09/08/23	09/08/23	
Total Xylenes	ND	0.0250	1	09/08/23	09/08/23	
Surrogate: 4-Bromochlorobenzene-PID		94.8 %	70-130	09/08/23	09/08/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	Analyst: IY		Batch: 2336080
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/23	09/08/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.8 %	70-130	09/08/23	09/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: JL		Batch: 2336082
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/23	09/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/23	09/08/23	
Surrogate: n-Nonane		108 %	50-200	09/08/23	09/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	nlyst: BA		Batch: 2336074
Chloride	73.4	20.0	1	09/08/23	09/09/23	



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		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2336080
Benzene	ND	0.0250	1	09/08/23	09/08/23	
Ethylbenzene	ND	0.0250	1	09/08/23	09/08/23	
Toluene	ND	0.0250	1	09/08/23	09/08/23	
o-Xylene	ND	0.0250	1	09/08/23	09/08/23	
p,m-Xylene	ND	0.0500	1	09/08/23	09/08/23	
Total Xylenes	ND	0.0250	1	09/08/23	09/08/23	
Surrogate: 4-Bromochlorobenzene-PID		94.3 %	70-130	09/08/23	09/08/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	Analyst: IY		Batch: 2336080
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/23	09/08/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.0 %	70-130	09/08/23	09/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2336082
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/23	09/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/23	09/08/23	
Surrogate: n-Nonane		109 %	50-200	09/08/23	09/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2336074
Chloride	77.4	20.0	1	09/08/23	09/09/23	

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		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2336080
Benzene	ND	0.0250	1	09/08/23	09/09/23	
Ethylbenzene	ND	0.0250	1	09/08/23	09/09/23	
Toluene	ND	0.0250	1	09/08/23	09/09/23	
o-Xylene	ND	0.0250	1	09/08/23	09/09/23	
p,m-Xylene	ND	0.0500	1	09/08/23	09/09/23	
Total Xylenes	ND	0.0250	1	09/08/23	09/09/23	
Surrogate: 4-Bromochlorobenzene-PID		94.2 %	70-130	09/08/23	09/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	Analyst: IY		Batch: 2336080
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/23	09/09/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.1 %	70-130	09/08/23	09/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2336082
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/23	09/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/23	09/08/23	
Surrogate: n-Nonane		107 %	50-200	09/08/23	09/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2336074
Chloride	64.2	20.0	1	09/08/23	09/09/23	

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SW-1

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2336080
Benzene	ND	0.0250	1	09/08/23	09/09/23	
Ethylbenzene	ND	0.0250	1	09/08/23	09/09/23	
Toluene	ND	0.0250	1	09/08/23	09/09/23	
o-Xylene	ND	0.0250	1	09/08/23	09/09/23	
p,m-Xylene	ND	0.0500	1	09/08/23	09/09/23	
Total Xylenes	ND	0.0250	1	09/08/23	09/09/23	
Surrogate: 4-Bromochlorobenzene-PID		94.0 %	70-130	09/08/23	09/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2336080
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/23	09/09/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.8 %	70-130	09/08/23	09/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2336082
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/23	09/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/23	09/09/23	
Surrogate: n-Nonane		111 %	50-200	09/08/23	09/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: BA		Batch: 2336074
Chloride	191	20.0	1	09/08/23	09/09/23	



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SW-2

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: IY		Batch: 2336080
Benzene	ND	0.0250	1	09/08/23	09/09/23	
Ethylbenzene	ND	0.0250	1	09/08/23	09/09/23	
Toluene	ND	0.0250	1	09/08/23	09/09/23	
o-Xylene	ND	0.0250	1	09/08/23	09/09/23	
p,m-Xylene	ND	0.0500	1	09/08/23	09/09/23	
Total Xylenes	ND	0.0250	1	09/08/23	09/09/23	
Surrogate: 4-Bromochlorobenzene-PID		95.1 %	70-130	09/08/23	09/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2336080
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/23	09/09/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.5 %	70-130	09/08/23	09/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: JL		Batch: 2336082
Diesel Range Organics (C10-C28)	10500	500	20	09/08/23	09/11/23	
Oil Range Organics (C28-C36)	1310	1000	20	09/08/23	09/11/23	
Surrogate: n-Nonane		102 %	50-200	09/08/23	09/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: BA		Batch: 2336074
Chloride	658	20.0	1	09/08/23	09/09/23	



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SW-3

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2336080
Benzene	ND	0.0250	1	09/08/23	09/09/23	
Ethylbenzene	ND	0.0250	1	09/08/23	09/09/23	
Toluene	ND	0.0250	1	09/08/23	09/09/23	
o-Xylene	ND	0.0250	1	09/08/23	09/09/23	
p,m-Xylene	ND	0.0500	1	09/08/23	09/09/23	
Total Xylenes	ND	0.0250	1	09/08/23	09/09/23	
Surrogate: 4-Bromochlorobenzene-PID		95.5 %	70-130	09/08/23	09/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	Analyst: IY		Batch: 2336080
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/23	09/09/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.6 %	70-130	09/08/23	09/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2336082
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/23	09/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/23	09/11/23	
Surrogate: n-Nonane		110 %	50-200	09/08/23	09/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2336074
Chloride	328	20.0	1	09/08/23	09/09/23	

NTG-New Tech Global Environmental	Project Name:	Rio Blanco 33 Federal #001	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/11/2023 5:21:46PM

SW-4

	Reporting				
Result	Limit	Dilution	n Prepared	Analyzed	Notes
mg/kg	mg/kg	An	alyst: IY		Batch: 2336080
ND	0.0250	1	09/08/23	09/09/23	
ND	0.0250	1	09/08/23	09/09/23	
ND	0.0250	1	09/08/23	09/09/23	
ND	0.0250	1	09/08/23	09/09/23	
ND	0.0500	1	09/08/23	09/09/23	
ND	0.0250	1	09/08/23	09/09/23	
	94.4 %	70-130	09/08/23	09/09/23	
mg/kg	mg/kg	An	Analyst: IY		Batch: 2336080
ND	20.0	1	09/08/23	09/09/23	
	93.7 %	70-130	09/08/23	09/09/23	
mg/kg	mg/kg	An	alyst: JL		Batch: 2336082
ND	25.0	1	09/08/23	09/09/23	
ND	50.0	1	09/08/23	09/09/23	
	113 %	50-200	09/08/23	09/09/23	
mg/kg	mg/kg	An	alyst: BA		Batch: 2336074
26.4	20.0	1	09/08/23	09/09/23	
	mg/kg ND Mg/kg ND mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 0.0250 MD 20.0250 94.4 % mg/kg MD 20.0 93.7 % mg/kg Mg/kg mg/kg ND 25.0 ND 50.0 113 % mg/kg mg/kg mg/kg	Result Limit Dilution mg/kg mg/kg Ana ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 20.0 1 93.7 % 70-130 mg/kg mg/kg Ana ND 25.0 1 ND 50.0 1 113 % 50-200 mg/kg mg/kg Ana	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 09/08/23 ND 0.0250 1 09/08/23 ND 0.0250 1 09/08/23 ND 0.0500 1 09/08/23 ND 0.0250 1 09/08/23 ND 0.0250 1 09/08/23 mg/kg mg/kg Analyst: IY ND 20.0 1 09/08/23 mg/kg mg/kg Analyst: JL ND 25.0 1 09/08/23 ND 50.0 1 09/08/23 ND	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 09/08/23 09/09/23 ND 0.0250 1 09/08/23 09/09/23 ND 0.0250 1 09/08/23 09/09/23 ND 0.0500 1 09/08/23 09/09/23 ND 0.0250 1 09/08/23 09/09/23 ND 0.0250 1 09/08/23 09/09/23 mg/kg mg/kg Analyst: IY ND 20.0 1 09/08/23 09/09/23 mg/kg mg/kg Analyst: JL ND 25.0 1 09/08/23 09/09/23 ND 25.0 1 09/08/23 09/09/23 ND 50.0 <



		QC 50	ullilli	ary Dat	а				
NTG-New Tech Global Environmenta 911 Regional Park Dr.	1	Project Name: Project Number:		Rio Blanco 33 1058-0007	Federal #0	01			Reported:
Houston TX, 77060		Project Manager:	E	Ethan Sessums					9/11/2023 5:21:46PM
		Volatile O	rganics	by EPA 802	21B				Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2336080-BLK1)							Prepared: 0	9/08/23 A	Analyzed: 09/08/23
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	7.56		8.00		94.5	70-130			
LCS (2336080-BS1)							Prepared: 0	9/08/23 A	Analyzed: 09/08/23
Benzene	4.71	0.0250	5.00		94.2	70-130			
Ethylbenzene	4.72	0.0250	5.00		94.4	70-130			
Toluene	4.76	0.0250	5.00		95.1	70-130			
o-Xylene	4.76	0.0250	5.00		95.1	70-130			
p,m-Xylene	9.64	0.0500	10.0		96.4	70-130			
Total Xylenes	14.4	0.0250	15.0		95.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.56		8.00		94.5	70-130			
Matrix Spike (2336080-MS1)				Source:	E309049-	03	Prepared: 0	9/08/23 A	Analyzed: 09/08/23
Benzene	4.54	0.0250	5.00	ND	90.7	54-133			
Ethylbenzene	4.55	0.0250	5.00	ND	91.1	61-133			
Toluene	4.58	0.0250	5.00	ND	91.5	61-130			
o-Xylene	4.57	0.0250	5.00	ND	91.5	63-131			
o,m-Xylene	9.31	0.0500	10.0	ND	93.1	63-131			
Total Xylenes	13.9	0.0250	15.0	ND	92.6	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.54		8.00		94.3	70-130			
Matrix Spike Dup (2336080-MSD1)				Source:	E309049-	.03	Prepared: 0	9/08/23 A	Analyzed: 09/08/23
Benzene	4.30	0.0250	5.00	ND	85.9	54-133	5.44	20	
Ethylbenzene	4.32	0.0250	5.00	ND	86.3	61-133	5.37	20	
Toluene	4.34	0.0250	5.00	ND	86.9	61-130	5.23	20	
o-Xylene	4.37	0.0250	5.00	ND	87.5	63-131	4.48	20	
V-1	0.02	0.0500	10.0	ND	00.2	62 121	5 21	20	

10.0

15.0

8.00

0.0500

0.0250

ND

ND

88.3

88.0

94.6

63-131

63-131

70-130

5.31

5.04

20

20



p,m-Xylene Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

8.83

13.2

7.57

		₹ € ≈		m j Dut					
NTG-New Tech Global Environmental 911 Regional Park Dr.		Project Name: Project Number:		Rio Blanco 33 01058-0007	Federal #0	01			Reported:
Houston TX, 77060		Project Manager:		Ethan Sessums					9/11/2023 5:21:46PM
		Volatile O	rganics	by EPA 802	21B				Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2336094-BLK1)							Prepared: 0	9/09/23 A	analyzed: 09/09/23
Benzene	ND	0.0250					1		
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	7.47		8.00		93.4	70-130			
LCS (2336094-BS1)							Prepared: 0	9/09/23 A	analyzed: 09/09/23
Benzene	4.66	0.0250	5.00		93.3	70-130			
Ethylbenzene	4.85	0.0250	5.00		97.0	70-130			
Toluene	4.84	0.0250	5.00		96.7	70-130			
o-Xylene	4.87	0.0250	5.00		97.4	70-130			
o,m-Xylene	9.89	0.0500	10.0		98.9	70-130			
Total Xylenes	14.8	0.0250	15.0		98.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.56		8.00		94.5	70-130			
Matrix Spike (2336094-MS1)				Source:	E309060-	-01	Prepared: 0	9/09/23 A	analyzed: 09/09/23
Benzene	4.81	0.0250	5.00	ND	96.2	54-133			
Ethylbenzene	5.03	0.0250	5.00	ND	101	61-133			
Coluene	5.01	0.0250	5.00	ND	100	61-130			
o-Xylene	5.07	0.0250	5.00	ND	101	63-131			
o,m-Xylene	10.3	0.0500	10.0	ND	103	63-131			
Total Xylenes	15.3	0.0250	15.0	ND	102	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.45		8.00		93.2	70-130			
Matrix Spike Dup (2336094-MSD1)				Source:	E309060-	-01	Prepared: 0	9/09/23 A	analyzed: 09/09/23
Benzene	4.70	0.0250	5.00	ND	94.0	54-133	2.33	20	
Ethylbenzene	4.94	0.0250	5.00	ND	98.8	61-133	1.89	20	
Toluene	4.89	0.0250	5.00	ND	97.9	61-130	2.32	20	
o-Xylene	4.97	0.0250	5.00	ND	99.4	63-131	1.93	20	
37.1	10.1	0.0500	10.0	ND	101	62 121	1.05	20	

10.0

15.0

8.00

0.0500

0.0250

ND

ND

101

100

94.1

63-131

63-131

70-130

1.95

1.94

20

20



p,m-Xylene Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

10.1

15.1

7.53

NTG-New Tech Global Environmental 911 Regional Park Dr.	Project Name: Project Number:	Rio Blanco 33 Federal #001 01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/11/2023 5:21:46PM

Houston TX, 77060		Project Manage	r: Eti	han Sessums				9/1	1/2023 5:21:46PM		
	Non	halogenated	Organics l	by EPA 80	15D - Gl	RO		Analyst: IY			
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes		
Blank (2336080-BLK1)							Prepared: 0	9/08/23 Anal	yzed: 09/08/23		
Gasoline Range Organics (C6-C10)	ND	20.0									
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.53		8.00		94.1	70-130					
LCS (2336080-BS2)							Prepared: 0	9/08/23 Anal	yzed: 09/08/23		
Gasoline Range Organics (C6-C10)	49.6	20.0	50.0		99.1	70-130					
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.62		8.00		95.2	70-130					
Matrix Spike (2336080-MS2)				Source:	E309049-	03	Prepared: 0	9/08/23 Anal	yzed: 09/08/23		
Gasoline Range Organics (C6-C10)	43.5	20.0	50.0	ND	87.0	70-130					
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.54		8.00		94.3	70-130					
Matrix Spike Dup (2336080-MSD2)				Source:	E309049-	03	Prepared: 0	9/08/23 Anal	yzed: 09/08/23		
Gasoline Range Organics (C6-C10)	43.9	20.0	50.0	ND	87.7	70-130	0.884	20			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.67		8.00		95.8	70-130					

NTG-New Tech Global Environmental	Project Name:	Rio Blanco 33 Federal #001	Reported:
911 Regional Park Dr.	Project Number:	01058-0007	
Houston TX, 77060	Project Manager:	Ethan Sessums	9/11/2023 5:21:46PM

Houston TX, 77060		Project Manage	r: Etl	han Sessums				9/1	1/2023 5:21:46PM
	Non	halogenated	Organics l	by EPA 80	15D - GI	RO			Analyst: IY
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2336094-BLK1)							Prepared: 0	9/09/23 Anal	yzed: 09/09/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.56		8.00		94.5	70-130			
LCS (2336094-BS2)							Prepared: 0	9/09/23 Analy	yzed: 09/09/23
Gasoline Range Organics (C6-C10)	55.9	20.0	50.0		112	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.74		8.00		96.7	70-130			
Matrix Spike (2336094-MS2)				Source:	E309060-0	01	Prepared: 0	9/09/23 Analy	yzed: 09/09/23
Gasoline Range Organics (C6-C10)	55.3	20.0	50.0	ND	111	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.66		8.00		95.7	70-130			
Matrix Spike Dup (2336094-MSD2)				Source:	E309060-0	01	Prepared: 0	9/09/23 Analy	yzed: 09/09/23
Gasoline Range Organics (C6-C10)	52.8	20.0	50.0	ND	106	70-130	4.51	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.62		8.00		95.2	70-130			



NTG-New Tech Global Environmental	Project Name:	Rio Blanco 33 Federal #001	Reported:
911 Regional Park Dr.	Project Number:	01058-0007	
Houston TX, 77060	Project Manager:	Ethan Sessums	9/11/2023 5:21:46PM

Houston TX, 77060		Project Manage	r: Etl	nan Sessums					9/11/2023 5:21:46PN
	Nonha	logenated Or	ganics by l	EPA 8015I) - DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2336082-BLK1)							Prepared: 0	9/08/23 A	analyzed: 09/08/23
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	59.5		50.0		119	50-200			
LCS (2336082-BS1)							Prepared: 0	9/08/23 A	analyzed: 09/08/23
Diesel Range Organics (C10-C28)	280	25.0	250		112	38-132			
Surrogate: n-Nonane	54.9		50.0		110	50-200			
Matrix Spike (2336082-MS1)				Source:	E309049-	03	Prepared: 0	9/08/23 A	analyzed: 09/08/23
Diesel Range Organics (C10-C28)	281	25.0	250	ND	113	38-132			
Surrogate: n-Nonane	55.4		50.0		111	50-200			
Matrix Spike Dup (2336082-MSD1)				Source:	E309049-	03	Prepared: 0	9/08/23 A	analyzed: 09/08/23
Diesel Range Organics (C10-C28)	283	25.0	250	ND	113	38-132	0.410	20	
Surrogate: n-Nonane	55.1		50.0		110	50-200			



NTG-New Tech Global Environmental	Project Name:	Rio Blanco 33 Federal #001	Reported:
911 Regional Park Dr.	Project Number:	01058-0007	
Houston TX, 77060	Project Manager:	Ethan Sessums	9/11/2023 5:21:46PM

Houston TX, 77060		Project Manage	r: Eti	han Sessums					9/11/2023 5:21:46PM
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: JL
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec	Rec Limits	RPD %	RPD Limit %	Notes
	ту ку	mg kg	mg kg	mg/kg	70	70	70	70	Notes
Blank (2337019-BLK1)							Prepared: 0	9/11/23 Ar	nalyzed: 09/11/23
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.5		50.0		95.0	50-200			
LCS (2337019-BS1)							Prepared: 0	9/11/23 Ar	nalyzed: 09/11/23
Diesel Range Organics (C10-C28)	206	25.0	250		82.5	38-132			
Gurrogate: n-Nonane	47.3		50.0		94.6	50-200			
Matrix Spike (2337019-MS1)				Source:	E309049-	01	Prepared: 0	9/11/23 Ar	nalyzed: 09/11/23
Diesel Range Organics (C10-C28)	301	25.0	250	61.0	96.0	38-132			
Surrogate: n-Nonane	60.7		50.0		121	50-200			
Matrix Spike Dup (2337019-MSD1)				Source:	E309049-	01	Prepared: 0	9/11/23 Ar	nalyzed: 09/11/23
Diesel Range Organics (C10-C28)	314	25.0	250	61.0	101	38-132	4.27	20	
Surrogate: n-Nonane	60.5		50.0		121	50-200			



Chloride

QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr.	Project Name: Project Number:	Rio Blanco 33 Federal #001 01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/11/2023 5:21:46PM

		Anions		Analyst: BA					
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2336074-BLK1)							Prepared: 0	9/08/23	Analyzed: 09/08/23
Chloride	ND	20.0							
LCS (2336074-BS1)							Prepared: 0	9/08/23	Analyzed: 09/08/23
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2336074-MS1)				Source:	E309049-0	02	Prepared: 0	9/08/23	Analyzed: 09/08/23
Chloride	332	20.0	250	80.5	101	80-120			
Matrix Spike Dup (2336074-MSD1)				Source:	E309049-0	02	Prepared: 0	9/08/23	Analyzed: 09/08/23

250

80.5

101

80-120

0.397

20.0



NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060		Project Name: Project Number: Project Manager:	(Rio Blanco 33 F 01058-0007 Ethan Sessums	Federal #00	1			Reported: 9/11/2023 5:21:46PM
		Anions l	by EPA	300.0/9056 <i>A</i>	\				Analyst: BA
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2337009-BLK1)							Prepared: 0	9/11/23 A	analyzed: 09/11/23
Chloride	ND	20.0							
LCS (2337009-BS1)							Prepared: 0	9/11/23 A	analyzed: 09/11/23
Chloride	259	20.0	250		104	90-110			
Matrix Spike (2337009-MS1)				Source:	E309035-0)1	Prepared: 0	9/11/23 A	analyzed: 09/11/23
Chloride	84300	2000	250	57200	NR	80-120			M4
Matrix Spike Dup (2337009-MSD1)				Source:	E309035-0)1	Prepared: 0	9/11/23 A	analyzed: 09/11/23
Chloride	82000	2000	250	57200	NR	80-120	2.76	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

ſ	NTG-New Tech Global Environmental	Project Name:	Rio Blanco 33 Federal #001	
l	911 Regional Park Dr.	Project Number:	01058-0007	Reported:
l	Houston TX, 77060	Project Manager:	Ethan Sessums	09/11/23 17:21

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

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

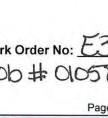


Chain of Custody

Work Order No: <u>E309049</u> JOB #01058-0007

roject Manager:	Ethan	Sessums	5			Bill to: (if	different)		Wesle	y Mat	hews						W	ork Orde	r Con	nments		
Company Name:	NTG	Environme	ental			Company	y Name:		Devor	n Ener	gy				Pro	Program: UST/PST PRP rownfields State of Project: Reporting:Level II Level III ST/UST Deliverables: EDD ADaPT				ownfields RRC uperfund		
ddress:	209 V	V. Mckay	St			Address:			6488	Seven	Rivers	Highwa	,								Паралина С	
City, State ZIP:	Carlsh	bad, NM 8	8220			City, Stat	te ZIP:		-	a, NM	and to				Re					UST TRRP Level IV		
hone:	254-2	66-5456			Email	Wesley	Mathews	@dvn.d							_						- areas to	
Project Name:	F	Rio Blanco	33 Federal	#001	Tur	n Around							ΔΝΔ	LYSIS	REQUE	ST				Preservativ	vo Codos	
Project Number:			237338		Routine	✓ Rusi	h	Pres.							KEQUE				Nor		DI Water: H ₂ O	
Project Location			a Co. NM		Due Date:	18	3hr	Code					+									
Sampler's Name:			llan Smith		TAT starts the	-				(0)									1.015		MeOH: Me HNO ₃ : HN	
PO #:			1163413			eived by 4:3		vo		+ MRO)											NaOH: Na	
SAMPLE RECEI	IPT	Tem	p Blank:	Yes No	Wet Ice:	Yes) No	Parameters	m	DRO	4500								100	POx: HP	naoni na	
Received Intact:		Ye	S) No	Thermom	eter ID:			ram	BTEX 8021B	+										HSO ₄ NABIS		
Cooler Custody Sea	ls:	Yes	No N/A	Correction	n Factor:			Ра	EX	GRO	Chloride					9 Na ₂ S		Na ₂ S ₂ O ₃ NaSO ₃				
Sample Custody Sea	als:	Yes	No N/A	Temperat	ure Reading:	4			.00	8015M (ភ							Acetate+NaOH	H: Zn			
otal Containers:			17	Corrected	Temperature:					801	177			1 1		100			Nac	OH+Ascorbic A	Acid: SAPC	
Sample Ider	ntificati	on	Date	Time	Soil	Water	Grab/ Comp	# of Cont		ТРН										Sample Co	omments	
CS-	-1		9/5/2023		x		Comp	1	х	х	х							1				
CS-	-2		9/5/2023		х		Comp	1	х	х	x							2	2			
CS-	-3		9/5/2023		x		Comp	1	х	х	х							3				
CS-	-4		9/5/2023		х		Comp	1	x	х	х							Z				
CS-	-5		9/5/2023		x		Comp	1	x	×	х							5				
CS-	-6		9/5/2023		х		Comp	1	х	х	x							U				
CS-	-7		9/5/2023		x		Comp	1	х	х	х							1				
CS-	-8		9/5/2023		x		Comp	1	х	х	х							×				
CS-	-9		9/5/2023		x		Comp	1	х	х	х							9				
CS-	10		9/5/2023		x		Comp	1	х	×	x							10)			
Additi	onal C	omments																1 10				
	a																					

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
·W	lane_	9/7/23 9:00	2 M2	Micheller Genzle	9-7-23 0915
Muchille Cent	Shoren myso	9:7:23 1815	4 Andrew Misso	Carthe Man	9/8/23 6:00
5			6		



Work Order No: <u>E309049</u> Job # 01057-0007

Project Manager:	Ethan	Sessums	3			Bill to: (if	different)		Wesle	ey Mat	hews						Worl	Order	Comments	
Company Name:	NTG E	nvironme	ental			Compan	y Name:		Devo	n Ener	gy				Progra	m: UST/	PST PRE	Brow	nfields RRC	uperfund
Address:	209 W	. Mckay	St			Address			6488	Seven	Rivers	Highway			State o			_		
City, State ZIP:	Carlsb	ad, NM 8	8220			City, Sta	te ZIP:		Artesi	a, NM	88210	-			Reporti	ng:Level	II 🗌 Level	III 🗁s	T/UST TRRP	☐ Level IV ☐
Phone:	254-26	6-5456			Email:	Wesley	Mathews	s@dvn.d	com						Delivera	ables: E	DD 🗌	ADaP	Other:	
Project Name:	R	io Blanco	33 Federal	#001	Turi	Around							ΔΝΔΙ	LYSIS RE	OUEST			-51	Preservat	ive Codes
Project Number:			237338		Routine	✓ Rusi		Pres. Code							QUEUT				None: NO	DI Water: H ₂ O
Project Location			a Co. NM		Due Date:	48	3hr	Code		-	- 1					_			Cool Cool	MeOH: Me
Sampler's Name:			llan Smith		TAT starts the					0									HCL HC	HNO ₃ : HN
PO #:		2	1163413			eived by 4:3		y,		TPH 8015M (GRO + DRO + MRO)									H ₂ S0 ₄ : H ₂	NaOH: Na
SAMPLE RECE	IPT	Tem	p Blank:	Yes No	Wet Ice:	Yes)No	Parameters	<u>m</u>	DRO	000				1 1				H ₂ PO₄ HP	
Received Intact:	- L.	Ye	s>No	Thermom	eter ID:			ram	BTEX 8021B	+	Chloride 4500							9	NaHSO ₄ NABIS	
Cooler Custody Sea	ls:	Yes	No N/A	Correction	Factor:			Pa	TEX	GR	loric							HOLD	Na ₂ S ₂ O ₃ NaSO ₃	3
Sample Custody Se	als:	Yes	No N/A	Temperat	ure Reading:	4			œ.	5M (်								Zn Acetate+NaO	H: Zn
Total Containers:			17	Corrected	Temperature:					1801						- 1			NaOH+Ascorbic	Acid SAPC
Sample Ide	ntificatio	n	Date	Time	Soil	Water	Grab/ Comp	# of Cont		TP.									Sample C	omments
CS-	11		9/5/2023		×		Comp	1	х	×	x							11		
CS-	12		9/5/2023		×		Comp	1	x	х	x							12		
CS-	13		9/5/2023		х		Comp	1	x	x	х							13		
SW	-1		9/5/2023		x		Comp	1	х	x	х							14		
SW	-2		9/5/2023		х		Comp	1	х	х	х							15		
SW	-3		9/5/2023		x		Comp	1	x	х	x				1 - 1			10		
SW	-4		9/5/2023		x		Comp	1	x	×	x				1 - = 1			n		
A -				6							3.51									
													IE							
Additi	onal Co	mments	:																	
Notice: Signature of this	desimisa			o Velicos servicio di Mari							4									

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1///	Man	9/7/23 9:00	2	Middle Gemle	9-7-23 0915
Middle Comb	Andrew MUSSO	9.7.23 1815	4 Andres mysso	Carle Men	9/8/23 6100
5			6		

Envirotech Analytical Laboratory

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:	09/08/23 06:0	00	Work Order ID: E309049
Phone: (281) 872-9300	Date Logged In:	09/07/23 14:	18	Logged In By: Alexa Michaels
Email: esessums@ntglobal.com	Due Date:	09/11/23 17:0	00 (1 day TAT)	
Chain of Custody (COC) 1. Does the sample ID match the COC?		Yes		
 Does the sample 1D mater the COC: Does the number of samples per sampling site location 	match the COC	No		
3. Were samples dropped off by client or carrier?		Yes	Carrier: C	Courier
4. Was the COC complete, i.e., signatures, dates/times, re	auested analyses?	No	Carrier. C	<u>Sourier</u>
5. Were all samples received within holding time?	1	Yes		
Note: Analysis, such as pH which should be conductive, 15 minute hold time, are not included in this dist			,	Comments/Resolution
Sample Turn Around Time (TAT)				G
6. Did the COC indicate standard TAT, or Expedited TAT	?	Yes		Sample #1 Sample ID CS-1 not received.
Sample Cooler				Time sampled not provided on COC per
7. Was a sample cooler received?		Yes		client.SRC email not sent per client
8. If yes, was cooler received in good condition?		Yes		request.
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 Note: Thermal preservation is not required, if sample minutes of sampling 13. If no visible ice, record the temperature. Actual sar	es are received w/i 15	Yes		
	ilpie temperature. 4 v	<u>~</u>		
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)	9	NA		
17. Was a trip blank (TB) included for VOC analyses?	•	NA		
18. Are non-VOC samples collected in the correct contain	nars?	Yes		
19. Is the appropriate volume/weight or number of sample co		Yes		
Field Label	mamers conceted:	103		
20. Were field sample labels filled out with the minimum	information			
Sample ID?	momunon	Yes		
Date/Time Collected?		Yes	L	
Collectors name?		No		
Sample Preservation				
21. Does the COC or field labels indicate the samples we	re preserved?	No		
22. Are sample(s) correctly preserved?		NA		
24. Is lab filteration required and/or requested for dissolv	ed metals?	No		
Multiphase Sample Matrix				
26. Does the sample have more than one phase, i.e., mult	iphase?	No		
27. If yes, does the COC specify which phase(s) is to be a	analyzed?	NA		
Subcontract Laboratory				
28. Are samples required to get sent to a subcontract labor	ratory?	No		
29. Was a subcontract laboratory specified by the client a	-		ubcontract Lab	o: na
Client Instruction				
Cheff Instruction				



September 21, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: RIO BLANCO 33 FED #001

Enclosed are the results of analyses for samples received by the laboratory on 09/19/23 13:55.

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

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keene

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

09/19/2023 Sampling Date: 09/21/2023

Sampling Type: Soil

Project Name: RIO BLANCO 33 FED #001 Project Number: 237338

Sampling Condition: Sample Received By: Cool & Intact Dionica Hinojos

09/19/2023

Project Location: DEVON - LEA CO, NM

Sample ID: CS-1 (2') (H235068-01)

Received:

Reported:

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/19/2023	ND	2.24	112	2.00	6.01	
Toluene*	<0.050	0.050	09/19/2023	ND	2.29	114	2.00	4.87	
Ethylbenzene*	<0.050	0.050	09/19/2023	ND	2.23	112	2.00	5.48	
Total Xylenes*	<0.150	0.150	09/19/2023	ND	6.71	112	6.00	4.62	
Total BTEX	<0.300	0.300	09/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/20/2023	ND	448	112	400	3.64	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/20/2023	ND	200	100	200	6.07	
DRO >C10-C28*	<10.0	10.0	09/20/2023	ND	190	94.8	200	5.29	
EXT DRO >C28-C36	<10.0	10.0	09/20/2023	ND					
Surrogate: 1-Chlorooctane	91.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.6	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 09/19/2023 Sampling Date: 09/19/2023

Reported: 09/21/2023 Sampling Type: Soil

Project Name: RIO BLANCO 33 FED #001 Sampling Condition: Cool & Intact
Project Number: 237338 Sample Received By: Dionica Hinojos

Applyzod By: MC

Project Location: DEVON - LEA CO, NM

Sample ID: SW - 2A (0-2') (H235068-02)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/19/2023	ND	2.24	112	2.00	6.01	
Toluene*	<0.050	0.050	09/19/2023	ND	2.29	114	2.00	4.87	
Ethylbenzene*	<0.050	0.050	09/19/2023	ND	2.23	112	2.00	5.48	
Total Xylenes*	<0.150	0.150	09/19/2023	ND	6.71	112	6.00	4.62	
Total BTEX	<0.300	0.300	09/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/20/2023	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/20/2023	ND	200	100	200	6.07	
DRO >C10-C28*	<10.0	10.0	09/20/2023	ND	190	94.8	200	5.29	
EXT DRO >C28-C36	<10.0	10.0	09/20/2023	ND					
Surrogate: 1-Chlorooctane	95.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.0	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 09/19/2023 Sampling Date: 09/19/2023

Reported: 09/21/2023 Sampling Type: Soil

Project Name: RIO BLANCO 33 FED #001 Sampling Condition: Cool & Intact
Project Number: 237338 Sample Received By: Dionica Hinojos

Applyzod By: MC

Project Location: DEVON - LEA CO, NM

Sample ID: SW - 5 (1-2') (H235068-03)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/19/2023	ND	2.24	112	2.00	6.01	
Toluene*	<0.050	0.050	09/19/2023	ND	2.29	114	2.00	4.87	
Ethylbenzene*	<0.050	0.050	09/19/2023	ND	2.23	112	2.00	5.48	
Total Xylenes*	<0.150	0.150	09/19/2023	ND	6.71	112	6.00	4.62	
Total BTEX	<0.300	0.300	09/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	09/20/2023	ND	448	112	400	3.64	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/20/2023	ND	200	100	200	6.07	
DRO >C10-C28*	<10.0	10.0	09/20/2023	ND	190	94.8	200	5.29	
EXT DRO >C28-C36	<10.0	10.0	09/20/2023	ND					
Surrogate: 1-Chlorooctane	80.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.9	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 09/19/2023 Sampling Date: 09/19/2023

Reported: 09/21/2023 Sampling Type: Soil

Project Name: RIO BLANCO 33 FED #001 Sampling Condition: Cool & Intact Project Number: 237338 Sample Received By: Dionica Hinojos

Project Location: DEVON - LEA CO, NM

Sample ID: SW - 6 (1-2') (H235068-04)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/19/2023	ND	2.24	112	2.00	6.01	
Toluene*	<0.050	0.050	09/19/2023	ND	2.29	114	2.00	4.87	
Ethylbenzene*	<0.050	0.050	09/19/2023	ND	2.23	112	2.00	5.48	
Total Xylenes*	<0.150	0.150	09/19/2023	ND	6.71	112	6.00	4.62	
Total BTEX	<0.300	0.300	09/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/20/2023	ND	448	112	400	3.64	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/20/2023	ND	200	100	200	6.07	
DRO >C10-C28*	<10.0	10.0	09/20/2023	ND	190	94.8	200	5.29	
EXT DRO >C28-C36	<10.0	10.0	09/20/2023	ND					
Surrogate: 1-Chlorooctane	92.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.8	% 49.1-14	8						

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Celey D. Keene



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

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Celeg D. Keene

Project Manager:

NTG Environmental Ethan Sessums

Bill to: (if different)

ity, State ZIP: Address: ompany Name:

Carlsbad, NM 88220 209 W. Mckay St

City, State ZIP: Address: Company Name:

Artesia, NM 88210 6488 Seven Rivers Highway

Reporting:Level II Level III PST/UST

RRP

Level IV

State of Project:

Program: UST/PST PRP Brownfields RRC

uperfund

Work Order Comments

of

Devon Energy Wesley Mathews

Chain of Custody





	254-266-5456		Email:	Email: Wesley.Mathews@dvn.com	ews@dvn.	.com						Delive	Deliverables: EDD		AD	ADaPT 🗆
Project Name:	Rio Blanco 33 Federal #001	#001	Turn	Turn Around						A	ANALYSIS RI	SIS REQUEST				
Project Number:	237338		Routine	Rush	Pres. Code											None: NO
Project Location	Lea Co. NM		Due Date:	48hr				7		-			+		4	Cool: Cool
Sampler's Name:	Kellan Smith		TAT starts the	TAT starts the day received by the	16 I		(0)				_		_		_	HCL: HC
PO#	21163413		lab, if recei	lab, if received by 4:30pm			+ MF			_	_		_		_	H,504: H,
SAMPLE RECEIPT	Temp Blank:	Yes No.	Wet ice:	Yes No	eter	В	RO -	00		_			_			H-PO. HP
Received Intact:	Yes No	Thermometer ID:	eter ID:	-	ram	3021) + 0	e 45			_		_		_	
Cooler Custody Seals:	0	Correction Factor	Factor:	1	Par	EX 8	GRO	oride			_		_		UO!	HOL Na.S.O. NaSO.
Sample Custody Seals:	No	Temperat	Temperature Reading:	2500		вт	M (Chle		_	_		_		_	
Total Containers:	4	Corrected	Tomporature:	18	_		015			_			_		_	ZII ACEIGIETIVACIT. ZII
I otal Containers.	4	Corrected	Corrected Temperature:	1			1 80			_	_		_		_	NaOH+Ascorbic Acid: SAPC
Sample Identification	ation Date	Time	Soil	Water Comp	# of Cont	SER	TPH									
CS-1 (2')	9/19/2023		×	Comp	1p 1	×	×	×		+			-		+	+
SW-2A (0-2")	9/19/2023		×	Comp	1p 1	×	×	×		+					+	+
SW-5 (1-2')	9/19/2023		×	Comp	1 1	×	×	×		+	1		+		+	+
SW-6 (1-2')	9/19/2023		×.	Comp	1	×	×	×		+	+		-	\Box	+	+
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						T				+	+				+	+
Additional Commonto	Commonts:					I				1					1	
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	ent and relinquishment of samponly for the cost of samples and	ples constitute d shall not ass	s a valid purchase ume any responsi	order from client bility for any losse:	company to X	Xenco, it	s affiliat	tes and s	subcontra f such los	ses are d	ssigns standar	d terms and	d conditions			
responsable de la companya de la com	socios will be abblica to each	project and a	ea joi ce jo agriena	ich sample submit	ted to Aenco,	tou the	analyze	d. These	e terms w	l be enfo	rced unless pre	eviously neg	otiated.			
Relinquished by: (Signature)	nature)	Received	Received by: (Signature	е)		Date/Time	Time		Relin	Relinquished by	d by: (Signature)	ature)	Rece	ived by	Received by: (Signature)	iture)
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Page 7 of 7

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

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

District III 1000 Rio Brazos Rd., Aztec, NM 87410

Phone:(505) 334-6178 Fax:(505) 334-6170

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

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

CONDITIONS

Action 279301

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	279301
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	None	10/26/2023