

Volume calculator

There was no volume calculator prepared when the spill occurred.



402 E. Wood Avenue
Carlsbad, New Mexico 88220
Tel. 432.701.2159
www.ntgenvironmental.com

March 15, 2024

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

**Re: Closure Report
North Pure Gold 10 J Federal #010
Devon Energy Production Company
Unit J, S10, T23S, R31E
Site Coordinates: 32.3175201, -103.7635574
Eddy County, New Mexico
Incident ID: nAB1816335023**

Mr. Bratcher:

On behalf of Devon Energy Production Company (Devon), NTG Environmental, LLC (NTGE) has prepared this letter to document site assessment and remedial action activities at the North Pure Gold 10 J Federal #010 (Site). The Site is located approximately 19 miles east of Loving, New Mexico in Eddy County (Figures 1 and 2).

Background

Based on the initial C-141 (attached) obtained from the New Mexico Oil Conservation Division (NMOCD), the release happened on May 14th, 2018. The release nAB1816335023 resulted from two-phase vessel back pressure valve not holding pressure causing the vessel to equalize with the heater treater sending fluid to the open top tank and into pasture. This allowed the release of 28 barrels (bbls) of produced water, of which 10 bbls were recovered and 3.37 bbls of crude oil, of which 2 bbls were recovered for a net loss of 18 bbls of produced water and 1.37 bbls of crude oil. Upon discovery, the production was switched to a different vessel to stop the release and the area was secured. The release area is shown on Figure 3.

Groundwater and Site Characterization

Based on a review of the New Mexico Office of State Engineers and USGS databases, there are no one known water source within a ½-mile radius of the Site. The nearest identified well (C 03749) is located approximately 0.53 miles southwest of the. The well was drilled in 2014 to a depth of 865 feet below ground surface (ft bgs) with a reported depth to groundwater of 639 ft bgs. No other receptors (playas, wetlands, waterways, lakebeds, or ordinance boundaries) are located within each specific boundary or distance from the Site. According to the Karst Potential Map, the Site is located within a Low Karst area. The Site characterization documentation (Points of Diversion, Karst Potential, Significant Watercourse Map, Wetlands Map, and FEMA Map) are attached to the report.

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).

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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 (GRO+DRO+MRO)	TPH (GRO+MRO)	BTEX	Benzene
19.15.29.13 Restoration, Reclamation and Re-Vegetation (Impacted Area 0-4 Feet)	600 mg/kg	100 mg/kg	---	50 mg/kg	10 mg/kg
19.15.23.12 Remediation and Closure Criteria for Soils Impacted by a Release (>4 Feet)	600 mg/kg	100 mg/kg	---	50 mg/kg	10 mg/kg

Notes:
 --- = not defined

Site Assessment

On October 5th, 2023, NTG Environmental, LLC (NTGE) conducted site assessment activities to determine the presence/extent of impacts at the Site. Upon arrival, the site was discovered to be reclaimed. NTGE used the following secondary containment corner coordinates to determine the assessment area. The coordinates were provided by Devon and verified using Google Earth.

Secondary Containment Corner	Coordinates (WGS84)
Northwest	32.317594°, -103.763975°
Northeast	32.317603°, -103.763072°
Southeast	32.317203°, -103.763069°
Southwest	32.317203°, -103.763970°

A total of nine (9) vertical sample points (i.e., S-1 through S-9), as well as eight (8) horizontal sample points (i.e., H-1 through H-8) were installed within and adjacent to the release area to characterize the impacts. Soil samples were collected in half foot intervals from depths ranging from 0 to 4.5 ft below ground surface (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 the following:

- TPH (EPA method 8015 modified),
- BTEX (EPA Method 8021B), and
- Chloride (method SM4500Cl-B).

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Analytical results indicated that all constituents of concern concentrations for all samples were below the Table I Closure Criteria across the release area. Laboratory reports containing analytical methods and chain-of-custody documents are attached. All analytical laboratory results are included in Table 1.

Conclusions

Based on the site assessment, 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

Attachments:

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

INITIAL C-141

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

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

MAY 29 2018

Form C-141
Revised April 3, 2017

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.
DISTRICT II-ARTESIA O.C.D.

Release Notification and Corrective Action

NAB1816335023

OPERATOR

Initial Report Final Report

Name of Company	Devon Energy Production Company U137	Contact	Merle Lewis, Production Foreman
Address	6488 Seven Rivers Hwy Artesia, NM 88210	Telephone No.	575-748-3371
Facility Name	North Pure Gold 10 J Fed 10	Facility Type	Oil

Surface Owner	Federal	Mineral Owner	Federal	API No.	30-015-33386
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LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
J	10	23S	31E					Eddy

Latitude_32.317466_ Longitude_103.763636_ NAD83

NATURE OF RELEASE

Type of Release	Produced Water & Oil	Volume of Release	28bbls produced water & 3.37bbls oil	Volume Recovered	10bbls produced water & 2bbls oil
Source of Release	Open top tank	Date and Hour of Occurrence	May 14, 2018 @ 1:41 PM MST	Date and Hour of Discovery	May 14, 2018 @ 1:41 PM MST
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	Mike Bratcher, OCD Crystal Weaver, OCD Shelly Tucker, BLM		
By Whom?	Mike Shoemaker, EHS Professional	Date and Hour	May 15, 2018 @ 11:45 AM MST		
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	N/A		

If a Watercourse was Impacted, Describe Fully.*
N/A

Describe Cause of Problem and Remedial Action Taken.*
Two-phase vessel back pressure valve didn't hold pressure causing the vessel to equalize with the heater treater sending fluid to the open top tank. The production was switched to a different vessel to stop the release.

Describe Area Affected and Cleanup Action Taken.*
Approximately 28bbls produced water & 3.37bbls oil was released from open top tank onto pad and into pasture. Approximately 12 bbls (2 oil, 10 produced water) was recovered by the dispatched vacuum truck An environmental contractor will be contacted to assist with delineation and remediation efforts.

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

		OIL CONSERVATION DIVISION	
Signature:	<i>Sheila Fisher</i>	Approved by Environmental Specialist:	<i>[Signature]</i>
Printed Name:	Sheila Fisher	Approval Date:	<i>6/7/18</i>
Title:	Field Admin Support	Expiration Date:	<i>N/A</i>
E-mail Address:	Sheila.Fisher@dvn.com	Conditions of Approval:	<i>See Attached</i>
Date:	5/15/18	Phone:	575.748.1829

Attached *APP-4794*

* Attach Additional Sheets If Necessary

U17118AB

Operator/Responsible Party,

The OCD has received the form C-141 you provided on 5/29/2018 regarding an unauthorized release. The information contained on that form has been entered into our incident database and remediation case number 2RP-4794 has been assigned. Please refer to this case number in all future correspondence.

It is the Division's obligation under both the Oil & Gas Act and Water Quality Act to provide for the protection of public health and the environment. Our regulations (19.15.29.11 NMAC) state the following,

The responsible person shall complete division-approved corrective action for releases that endanger public health or the environment. The responsible person shall address releases in accordance with a remediation plan submitted to and approved by the division or with an abatement plan submitted in accordance with 19.15.30 NMAC. [emphasis added]

Release characterization is the first phase of corrective action unless the release is ongoing or is of limited volume and all impacts can be immediately addressed. Proper and cost-effective remediation typically cannot occur without adequate characterization of the impacts of any release. Furthermore, the Division has the ability to impose reasonable conditions upon the efforts it oversees. **As such, the Division is requiring a workplan for the characterization of impacts associated with this release be submitted to the OCD District 2 office in ARTESIA on or before 6/29/2018. If and when the release characterization workplan is approved, there will be an associated deadline for submittal of the resultant investigation report. Modest extensions of time to these deadlines may be granted, but only with acceptable justification.**

The goals of a characterization effort are: 1) determination of the lateral and vertical extents along with the magnitude of soil contamination. 2) determine if groundwater or surface waters have been impacted. 3) If groundwater or surface waters have been impacted, what are the extents and magnitude of that impact. 4) The characterization of any other adverse impacts that may have occurred (examples: impacts on vegetation, impacts on wildlife, air quality, loss of use of property, etc.). To meet these goals as quickly as possible, the following items must, at a minimum, be addressed in the release characterization workplan and subsequent reporting:

- Horizontal delineation of soil impacts in each of the four cardinal compass directions. Adsorbed soil contamination must be characterized for the following constituents using the associated laboratory methods: benzene, toluene, ethylbenzene, and total xylenes by either Method 8260 or 8021, total petroleum hydrocarbons by Method 8015 extended range (GRO+DRO+MRO; C₆ thru C₃₆), and for chloride by Method 300. This is not an exclusive list of potential contaminants. Analyzed parameters should be modified based on the nature of the released substance(s). Soil sampling must be both within the impacted area and beyond.
- Vertical delineation of soil impacts. Adsorbed soil contamination must be characterized for the following constituents using the associated laboratory methods: benzene, toluene, ethylbenzene, and total xylenes by either Method 8260 or 8021, total petroleum hydrocarbons by Method 8015 extended range (GRO+DRO+MRO; C₆ thru C₃₆), and for chloride by Method 300. As above, this is not an exclusive list of potential contaminants and can be modified. Vertical characterization samples should be taken at depth intervals no greater than five feet apart. Lithologic description of encountered soils must also be provided. At least ten vertical feet of soils with contaminant concentrations at or below these values must be demonstrated as existing above the water table.
- Nominal detection limits for field and laboratory analyses must be provided.
- Composite sampling is not generally allowed.
- Field screening and assessment techniques are acceptable (headspace, titration, EC [include algorithm for validation purposes], EM, etc.), but the sampling and assay procedures must be clearly defined. Copies of field notes are highly desirable. A statistically significant set of split samples must be submitted for confirmatory laboratory analysis, including the laterally farthest and vertically deepest sets of soil samples. Make sure there are at least two soil samples submitted

for laboratory analysis from each borehole or test pit (highest observed contamination and deepest depth investigated). Copies of the actual laboratory results must be provided including chain of custody documentation.

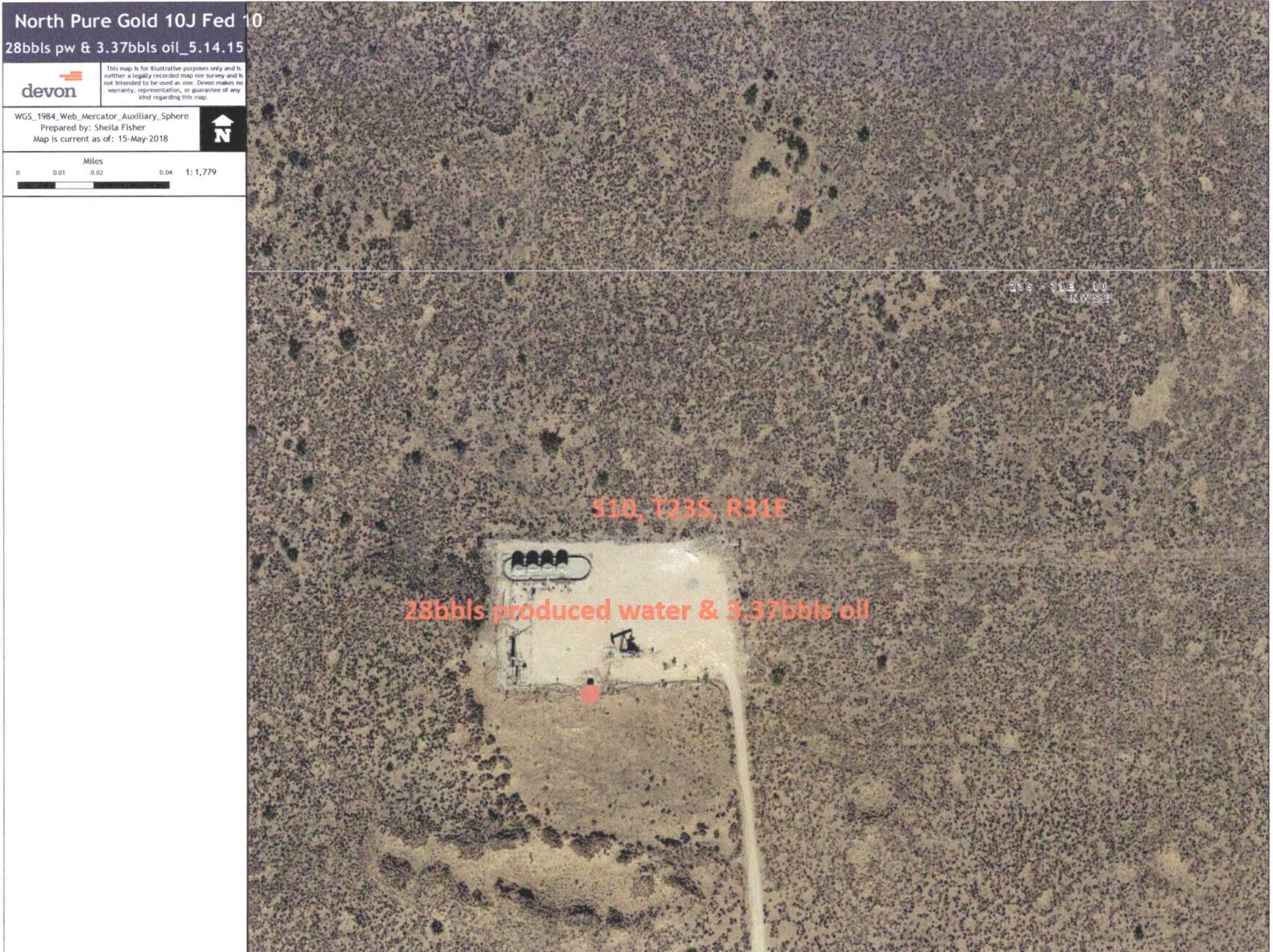
- Probable depth to shallowest protectable groundwater and lateral distance to nearest surface water. If there is an estimate of groundwater depth, the information used to arrive at that estimate must be provided. If there is a reasonable assumption that the depth to protectable water is 50 feet or less, the responsible party should anticipate the need for at least one groundwater monitoring well to be installed in the area of likely maximum contamination.

- If groundwater contamination is encountered, an additional investigation workplan may be required to determine the extents of that contamination. Groundwater and/or surface water samples, if any, must be analyzed by a competent laboratory for volatile organic hydrocarbons (typically Method 8260 full list), total dissolved solids, pH, major anions and cations including chloride and sulfate, dissolved iron, and dissolved manganese. The investigation workplan must provide the groundwater sampling method(s) and sample handling protocols. To the fullest extent possible, aqueous analyses must be undertaken using nominal method detection limits. As with the soil analyses, copies of the actual laboratory results must be provided including chain of custody documentation.

- Accurately scaled and well-drafted site maps must be provided providing the location of borings, test pits, monitoring wells, potentially impacted areas, and significant surface features including roads and site infrastructure that might limit either the release characterization or remedial efforts. Field sketches may be included in subsequent reporting, but should not be considered stand-alone documentation of the site's layout. Digital photographic documentation of the location and fieldwork is recommended, especially if unusual circumstances are encountered.

Nothing herein should be interpreted to preclude emergency response actions or to imply immediate remediation by removal cannot proceed as warranted. Nonetheless, characterization of impacts and confirmation of the effectiveness of remedial efforts must still be provided to the OCD before any release incident will be closed.

Jim Griswold
OCD Environmental Bureau Chief
1220 South St. Francis Drive
Santa Fe, New Mexico 87505
505-476-3465
jim.griswold@state.nm.us



Bratcher, Mike, EMNRD

From: Fisher, Sheila <Sheila.Fisher@dvn.com>
Sent: Tuesday, May 29, 2018 4:24 PM
To: Bratcher, Mike, EMNRD; Weaver, Crystal, EMNRD; Shelly Tucker (stucker@blm.gov)
Cc: Shoemaker, Mike; Fulks, Brett; Lewis, Merle; West, Christopher; Coombes, Justin
Subject: North Pure Gold 10J Fed 10_28bbbls pw & 3.37bbbls oil_5.14.18
Attachments: North Pure Gold 10J Fed 10_28bbbls pw & 3.37bbbls oil_Initial C-141_5.14.18.doc; North Pure Gold 10J Fed 10_28bbbls pw & 3.37bbbls oil_GIS Image_5.14.18.pdf

Good Afternoon,

Attached please find the Initial C-141 and GIS Image for the 28bbbls produced water & 3.37bbbls oil release at the North Pure Gold 10J Fed 10 on 5.14.18.

If you have any questions please feel free to contact us.

Thank you,

Sheila Fisher
Field Admin Support
Production
B-Schedule

Devon Energy Corporation
PO Box 250
Artesia, NM 88211
575 748 1829 Direct



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Bratcher, Mike, EMNRD

From: Shoemaker, Mike <Mike.Shoemaker@dvn.com>
Sent: Tuesday, May 15, 2018 11:45 AM
To: Bratcher, Mike, EMNRD; Weaver, Crystal, EMNRD; Shelly Tucker (stucker@blm.gov)
Subject: North Pure Gold 10J Federal 10 (API #30-015-33386)

Good Afternoon,

Devon identified the following release at approximately 1:41 PM MST on 05/14/18.

1. North Pure Gold 10J Federal 10 (API #30-015-33386)
 - a. The 2-phase vessel had the back pressure valve not hold the pressure which caused the 2-phase to equalize with the heater and allowed fluid to go to the open top tank. Approximately 31.37 bbls of mixed fluids (3.37 oil, 28 produced water) was released onto the location and into the adjacent pasture. Approximately 12 bbls (2 oil, 10 produced water) was recovered.

A C-141 will be prepared and submitted with GPS coordinates of the area affected.

Thanks,

Mike Shoemaker
EHS Representative

Devon Energy Corporation
6488 Seven Rivers Highway
Artesia, New Mexico 88210
575-746-5566 Office
575-513-5035 Mobile



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SITE CHARACTERIZATION INFORMATION

NMOCD Closure Criteria

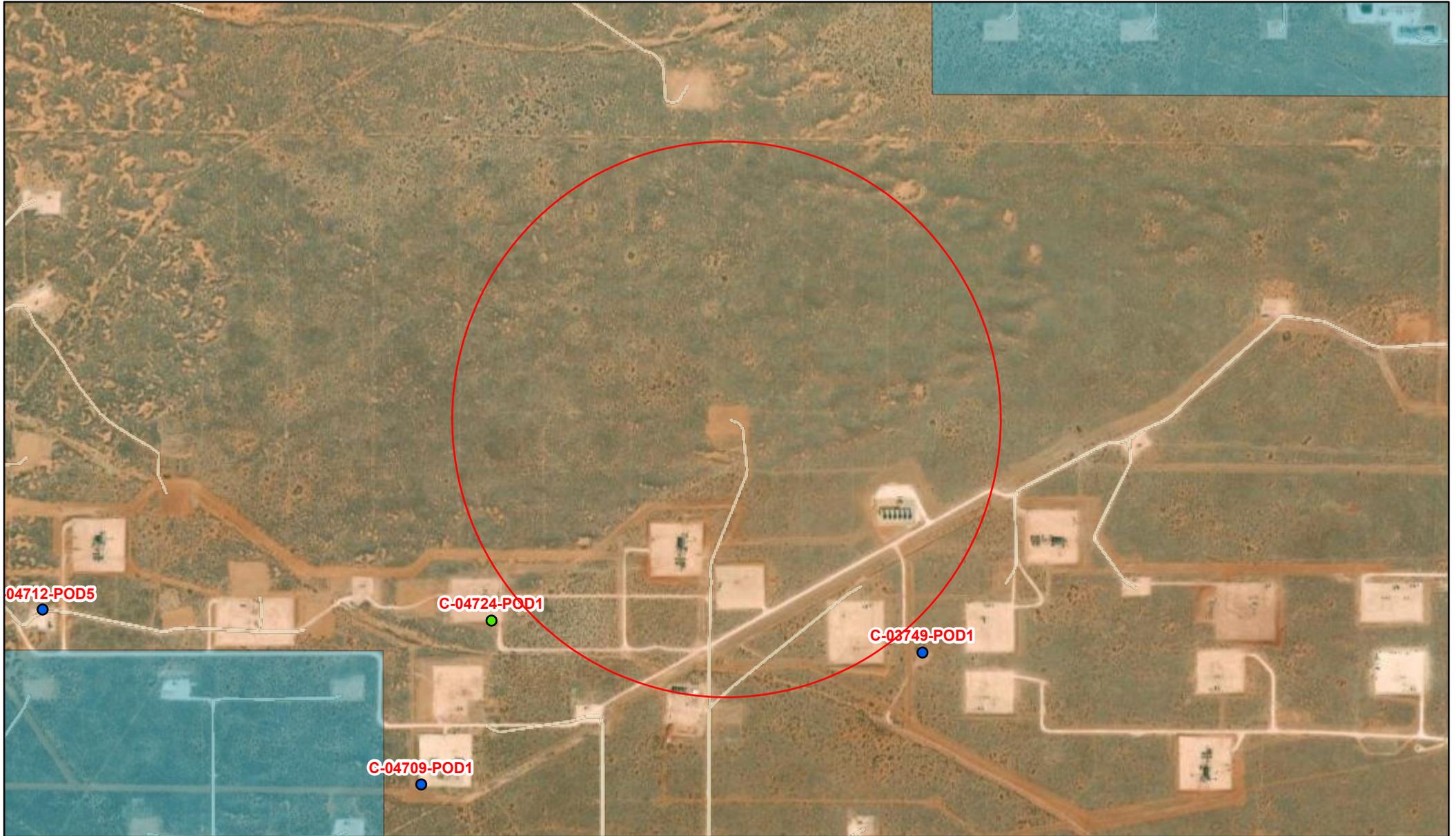
North Pure Gold 10 J Federal #010

Site Information (19.15.29.11.A (2,3, & 4) NMAC)		Source/Notes
Depth to Groundwater (ft bgs)	639	Office of the State Engineer (OSE) - 0.53 miles from site
Horizontal Distance from All Water Sources Within 0.5 mile (ft)	>2640	National Wetlands Inventory (NWS)
Horizontal Distance to Nearest Significant Watercourse (ft)	>2640	National Wetlands Inventory (NWS)

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

* - numerical limit or background, whichever is greater

OSE POD Locations Map



7/26/2023, 3:01:29 PM

GIS WATERS PODs ●

● Active

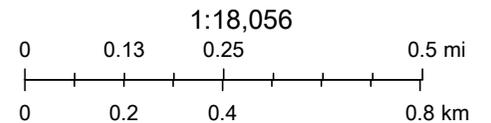
● Pending

□ OSE District Boundary

New Mexico State Trust Lands

■ Both Estates

▨ Site Boundaries



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



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NUMBER (WELL NUMBER) C-3749 POD 1 (H12R)		OSE FILE NUMBER(S) C-3749 POD 1					
	WELL OWNER NAME(S) US Dept of Energy		PHONE (OPTIONAL) 575-234-7488					
	WELL OWNER MAILING ADDRESS POB 3090		CITY Carlsbad	STATE NM	ZIP 88221-3090			
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 18	SECONDS 42.0588	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84			
		LONGITUDE -103	45	26.7078				
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE From Jal Hwy take Redd Rd 3 miles north, head west 1 mile on dirt road to H12 Well site								
2. DRILLING & CASING INFORMATION	LICENSE NUMBER NM 331	NAME OF LICENSED DRILLER Randy Stewart		NAME OF WELL DRILLING COMPANY Stewart Brothers				
	DRILLING STARTED 7/10/14	DRILLING ENDED 8/6/14	DEPTH OF COMPLETED WELL (FT) 865	BORE HOLE DEPTH (FT) 865				
	COMPLETED WELL IS: <input type="radio"/> ARTESIAN <input type="radio"/> DRY HOLE <input checked="" type="radio"/> SHALLOW (UNCONFINED)			DEPTH WATER FIRST ENCOUNTERED (FT) 639				
	DRILLING FLUID: <input type="radio"/> AIR <input type="radio"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input checked="" type="radio"/> ROTARY <input type="radio"/> HAMMER <input type="radio"/> CABLE TOOL <input type="radio"/> OTHER - SPECIFY:							
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	40	17 1/2	13 3/8	Weld	12 1/4	.375	
	40	820	12 1/4	5" Fiberglass Blank	Threaded	4.5		
	820	846	12 1/4	5" Fiberglass Slotted	Threaded	4.5		.070
846	858	12 1/4	5" Fiberglass Blank	Threaded	4.5			
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						
	857	865	12 1/4	8/12 Sand	2	Tremie		
	851	857	12 1/4	Gelacryl Superflex Seal	1	Tremie		
	816	851	12 1/4	8/16 Sand Pack	6	Tremie		
	811	816	12 1/4	Fine Sand	1	Tremie		
	806	811	12 1/4	Gelacryl Super Flex	1	Tremie		

STATE ENGINEER OFFICE

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 06/08/2012)

FILE NUMBER C-3749	POD NUMBER 1	TRN NUMBER 548076
LOCATION 4-4-3	235.32E.07	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
	FROM	TO				
	1	12	11	Dune sand and pad material	<input type="radio"/> Y <input checked="" type="radio"/> N	
	12	16	4	Mescalero Caliche	<input type="radio"/> Y <input checked="" type="radio"/> N	
	16	20	4	Gatuna (Sandstone)	<input type="radio"/> Y <input checked="" type="radio"/> N	
	20	70	50	Santa Rosa (Sandstone)	<input type="radio"/> Y <input checked="" type="radio"/> N	
	70	620	550	Dewy Lake Sandstone	<input type="radio"/> Y <input checked="" type="radio"/> N	
	620	648	28	Anhydrite	<input type="radio"/> Y <input checked="" type="radio"/> N	
	648	663	15	Mudstone	<input type="radio"/> Y <input checked="" type="radio"/> N	
	663	678	15	Anhydrite	<input type="radio"/> Y <input checked="" type="radio"/> N	
	678	702	4	Magenta Dolomite	<input type="radio"/> Y <input checked="" type="radio"/> N	
	702	756	54	Anhydrite	<input type="radio"/> Y <input checked="" type="radio"/> N	
	756	772	16	Halite	<input type="radio"/> Y <input checked="" type="radio"/> N	
	772	820	48	Anhydrite	<input type="radio"/> Y <input checked="" type="radio"/> N	
	820	846	26	Culebra Dolomite	<input checked="" type="radio"/> Y <input type="radio"/> N	
	846	856	10	Mudstone	<input type="radio"/> Y <input checked="" type="radio"/> N	
	856	865	9	Anhydrite	<input type="radio"/> Y <input checked="" type="radio"/> N	
					<input type="radio"/> Y <input checked="" type="radio"/> N	
					<input type="radio"/> Y <input checked="" type="radio"/> N	
					<input type="radio"/> Y <input checked="" type="radio"/> N	
					<input type="radio"/> Y <input checked="" type="radio"/> N	
					<input type="radio"/> Y <input checked="" type="radio"/> N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input type="radio"/> PUMP					TOTAL ESTIMATED WELL YIELD (gpm): 5	
<input checked="" type="radio"/> AIR LIFT <input type="radio"/> BAILER <input type="radio"/> OTHER - SPECIFY:						

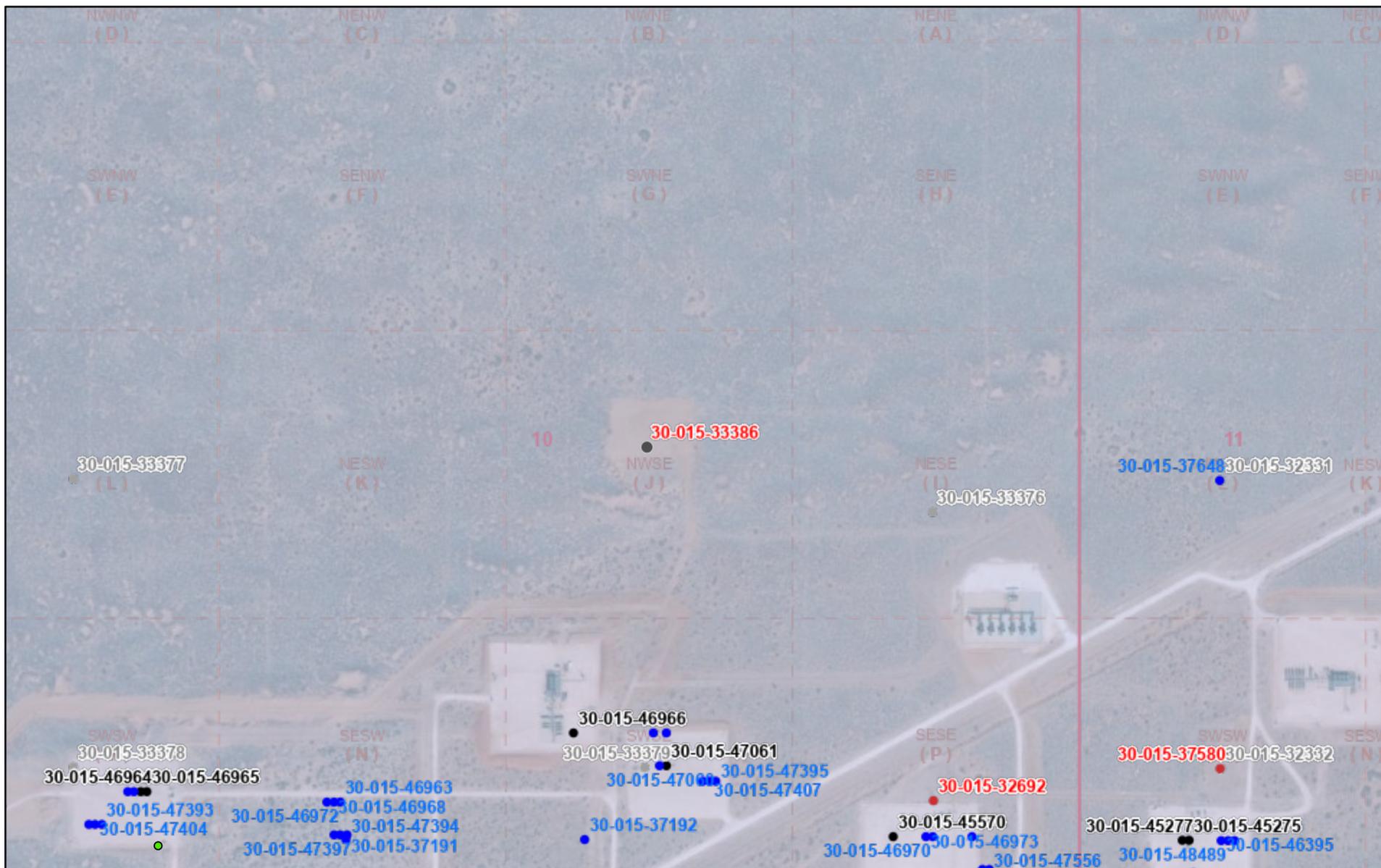
5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.
	MISCELLANEOUS INFORMATION: Monitor Well	
PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Don Ward		

6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 20 DAYS AFTER COMPLETION OF WELL DRILLING:	
	 SIGNATURE OF DRILLER / PRINT SIGNEE NAME	Randy Stewart DATE: 8/30/14

STATE ENGINEER'S OFFICE
 PERMITTING DIVISION
 2014 SEP 11 10:4

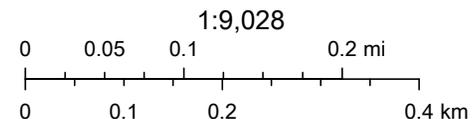
FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 06/08/2012)	
FILE NUMBER	C-3749	POD NUMBER	1
LOCATION	4-4-3	TRN NUMBER	548076
	235.32E.07		PAGE 2 OF 2

North Pure Gold 10 J Federal #010



9/15/2023, 12:09:31 PM

- OSE Water PODs Wells - Large Scale
- Pending
 - Oil, New
 - Oil, Active
 - Oil, Plugged
 - Oil, Cancelled
 - Karst Occurrence Potential Low
 - PLSS Second Division



BLM, OCD, New Mexico Tech, Oil Conservation Division (OCD), Energy, Minerals and Natural Resources Department (EMNRD), Oil Conservation

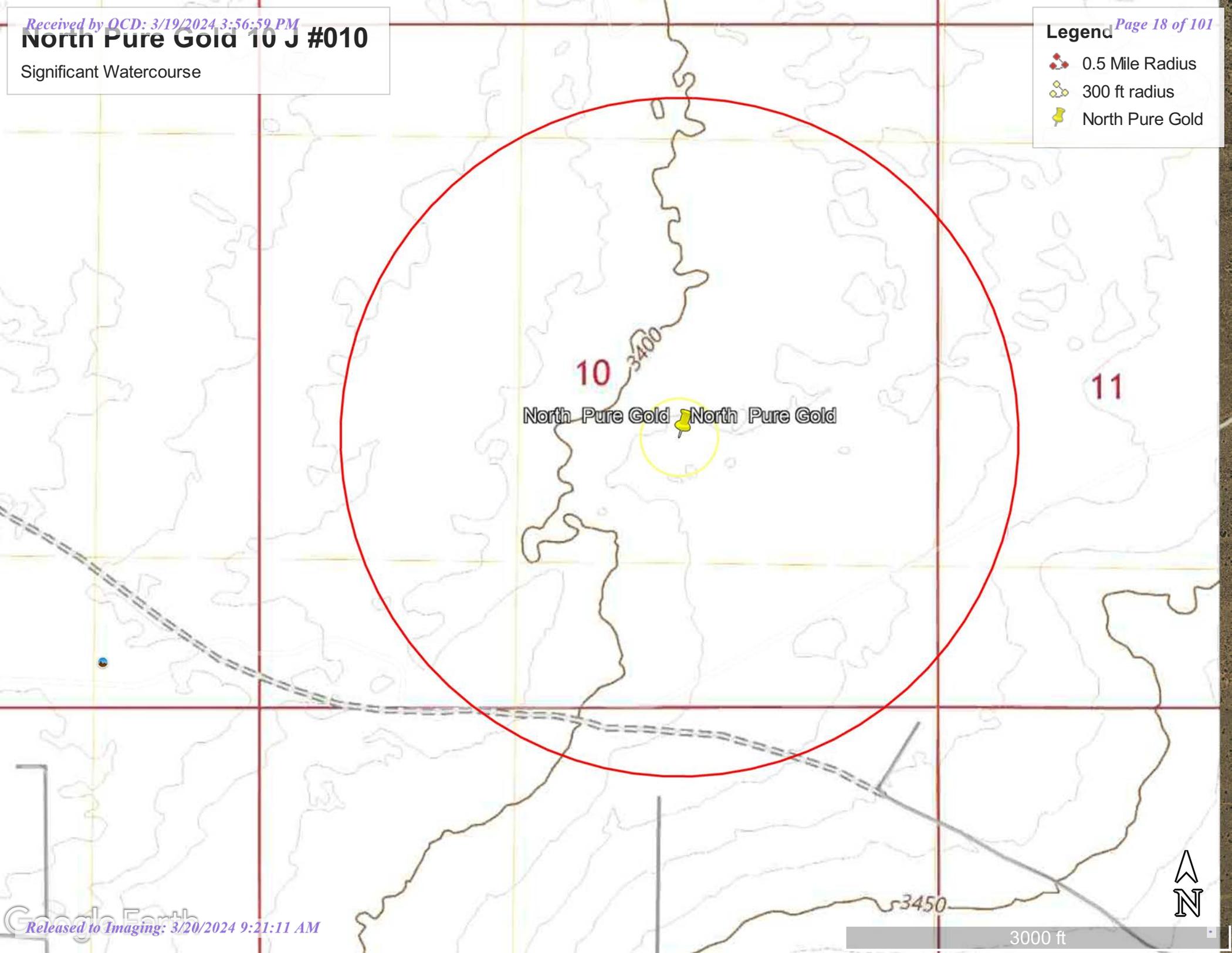
New Mexico Oil Conservation Division

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

North Pure Gold 10 J #010

Significant Watercourse

-  0.5 Mile Radius
-  300 ft radius
-  North Pure Gold





North pure gold wetland



July 26, 2023

Wetlands

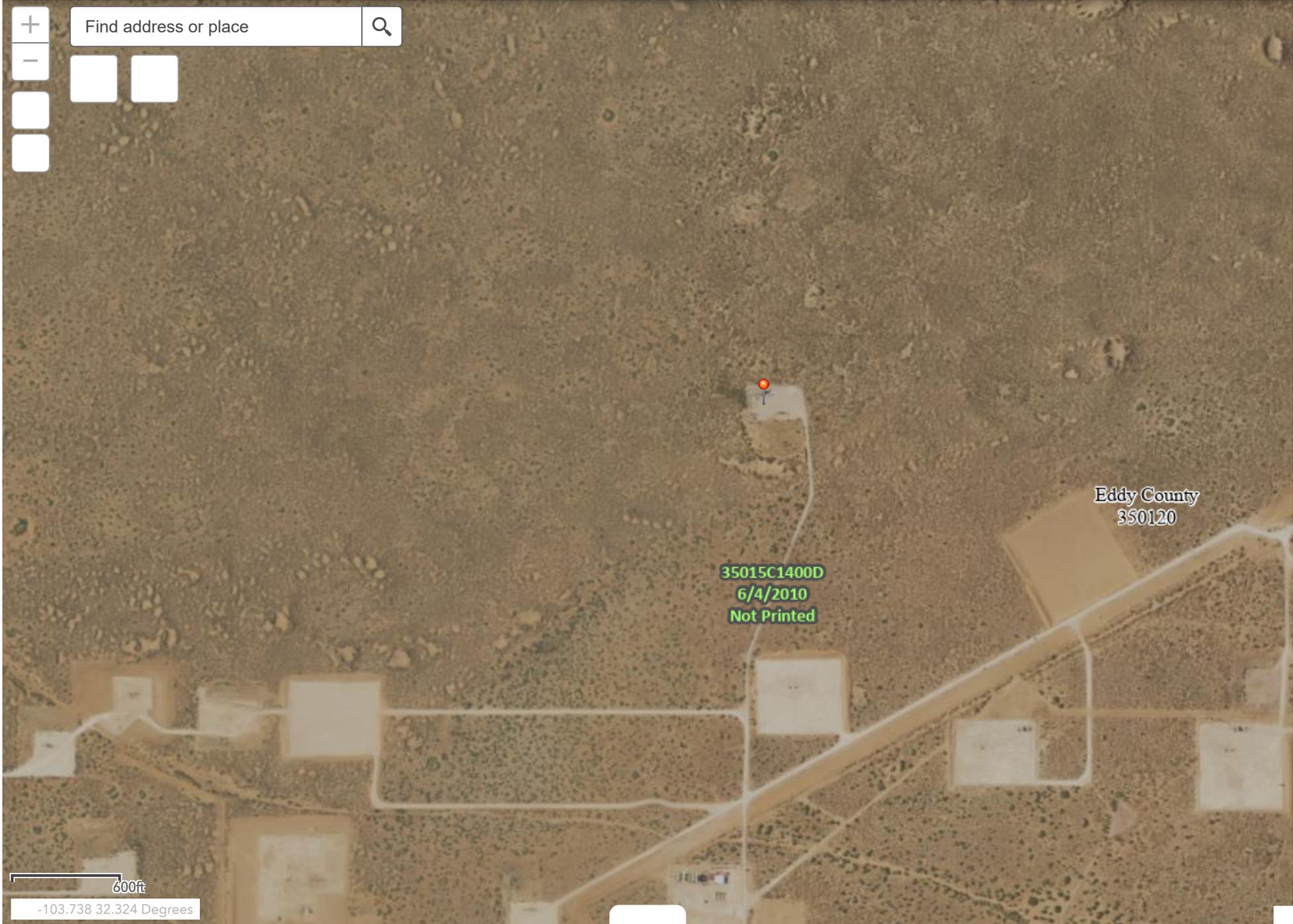
-  Estuarine and Marine Deepwater
-  Freshwater Emergent Wetland
-  Lake
-  Estuarine and Marine Wetland
-  Freshwater Forested/Shrub Wetland
-  Other
-  Freshwater Pond
-  Riverine

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.



FEMA's National Flood Hazard Layer (NFHL) Viewer

with Web AppBuilder for ArcGIS



35015C1400D
 6/4/2010
 Not Printed

Eddy County
 350120

600ft
 -103.738 32.324 Degrees

TABLES

Table 1
Summary of Soil Analytical Data - Delineation Samples
North Pure Gold 10 J Federal #010
Devon Energy Production Company
Eddy County, New Mexico

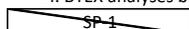
Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total TPH (C6-C35)	
			Table 1 Closure Criteria for Soil ≤ 50 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg	600 mg/kg
Delineation Samples													
S-1	10/5/2023	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
S-1	10/5/2023	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
S-1	10/5/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
S-1	10/5/2023	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
S-1	10/5/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
S-2	10/5/2023	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
S-2	10/5/2023	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
S-2	10/5/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
S-2	10/5/2023	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
S-2	10/5/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
S-3	10/5/2023	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
S-3	10/5/2023	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
S-3	10/5/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
S-3	10/5/2023	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
S-3	10/5/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
S-4	10/5/2023	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
S-4	10/5/2023	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
S-4	10/5/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
S-4	10/5/2023	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
S-4	10/5/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
S-5	10/5/2023	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
S-5	10/5/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
S-5	10/5/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
S-5	10/5/2023	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
S-5	10/5/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
S-6	10/5/2023	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
S-6	10/5/2023	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
S-6	10/5/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
S-6	10/5/2023	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
S-6	10/5/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
S-7	10/5/2023	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
S-7	10/5/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
S-7	10/5/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
S-7	10/5/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
S-7	10/5/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
S-8	10/5/2023	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
S-8	10/5/2023	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
S-8	10/5/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
S-8	10/5/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0

Table 1
Summary of Soil Analytical Data - Delineation Samples
North Pure Gold 10 J Federal #010
Devon Energy Production Company
Eddy County, New Mexico

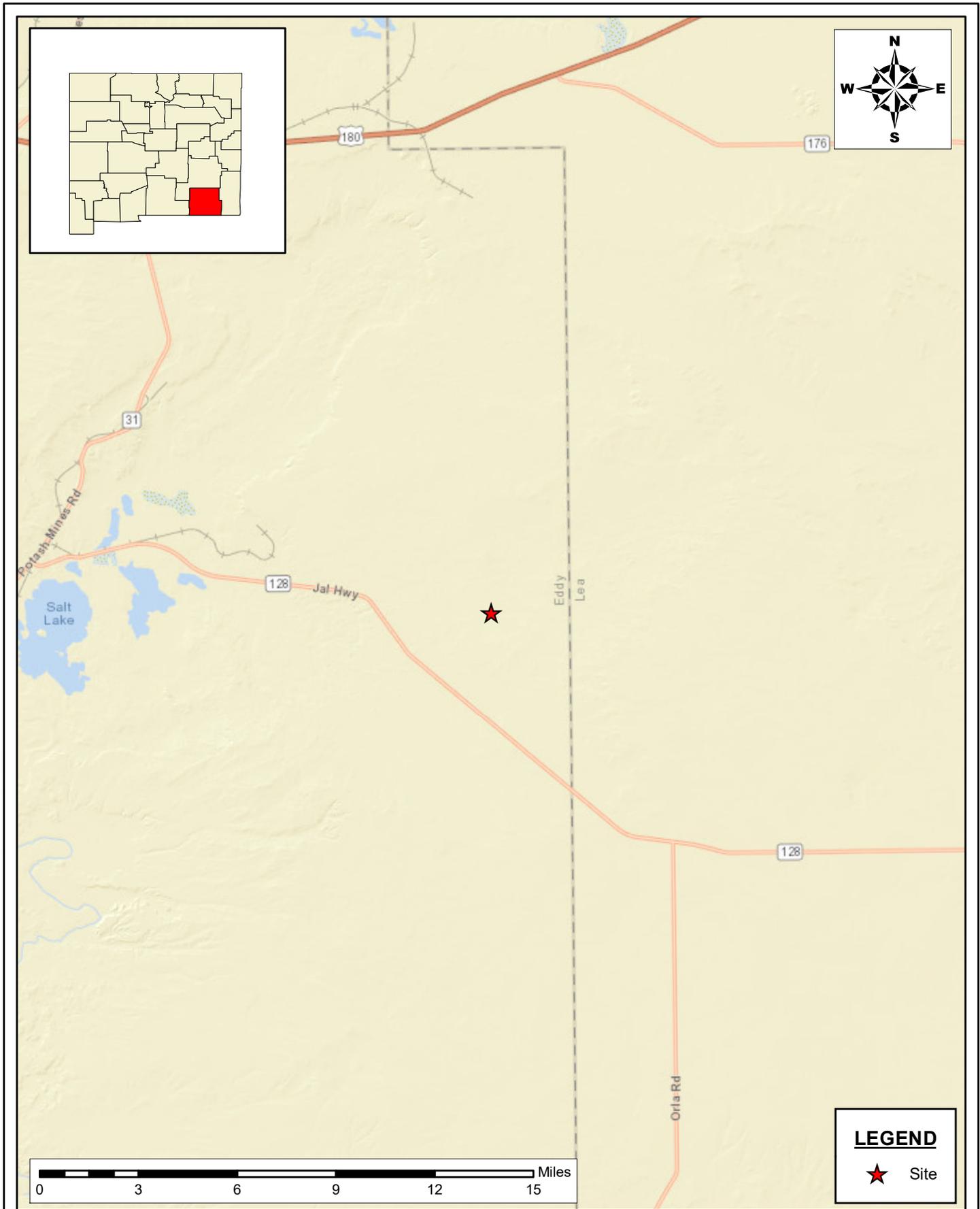
Sample ID	Sample Date	Depth (ft bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	BTEX (mg/kg)	TPH					Chloride (mg/kg)
								GRO (C6-C10) (mg/kg)	DRO (C10-C28) (mg/kg)	GRO + DRO (C6-C28) (mg/kg)	MRO (C28-C35) (mg/kg)	Total TPH (C6-C35) (mg/kg)	
								Table I Closure Criteria for Soil ≤ 50 feet Depth to Groundwater 19.15.29 NMAC					
10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg	600 mg/kg			
S-8	10/5/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
S-9	10/5/2023	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
S-9	10/5/2023	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
S-9	10/5/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
S-9	10/5/2023	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
S-9	10/5/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
Horizontal Samples													
H-1	10/5/2023	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
H-2	10/5/2023	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
H-3	10/5/2023	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
H-4	10/5/2023	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
H-5	10/5/2023	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
H-6	10/5/2023	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
H-7	10/5/2023	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
H-8	10/5/2023	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0

Notes:

- 1. Values reported in mg/kg
- 2. < = Value Less Than Reporting Limit (RL)
- 3. Bold indicates Analyte Detected
- 4. BTEX analyses by EPA Method SW 8021B
- 5. TPH analyses by EPA Method SW 8015 Mod.
- 6. GRO/DRO/MRO - Gasoline/Diesel/Motor Oil
- 7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table I Closure Criteria for the site.
- 8. Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table I Closure Criteria for the site (Surface to 4 Feet Below Grade).
- 9. --- Not Analyzed

 Sample Point Excavated

FIGURES



Document Path: P:\2023 PROJECTS\DEVON\IRSC\237626- North Pure Gold 10 J Federal #010\7- Figures\GIS\Figure_1_SL.mxd

LEGEND

★ Site

**SITE LOCATION MAP
CLOSURE REPORT**
 NORTH PURE GOLD 10 J FEDERAL #010
 DEVON ENERGY PRODUCTION COMPANY
 EDDY COUNTY, NEW MEXICO
 32.3175201, -103.7635574

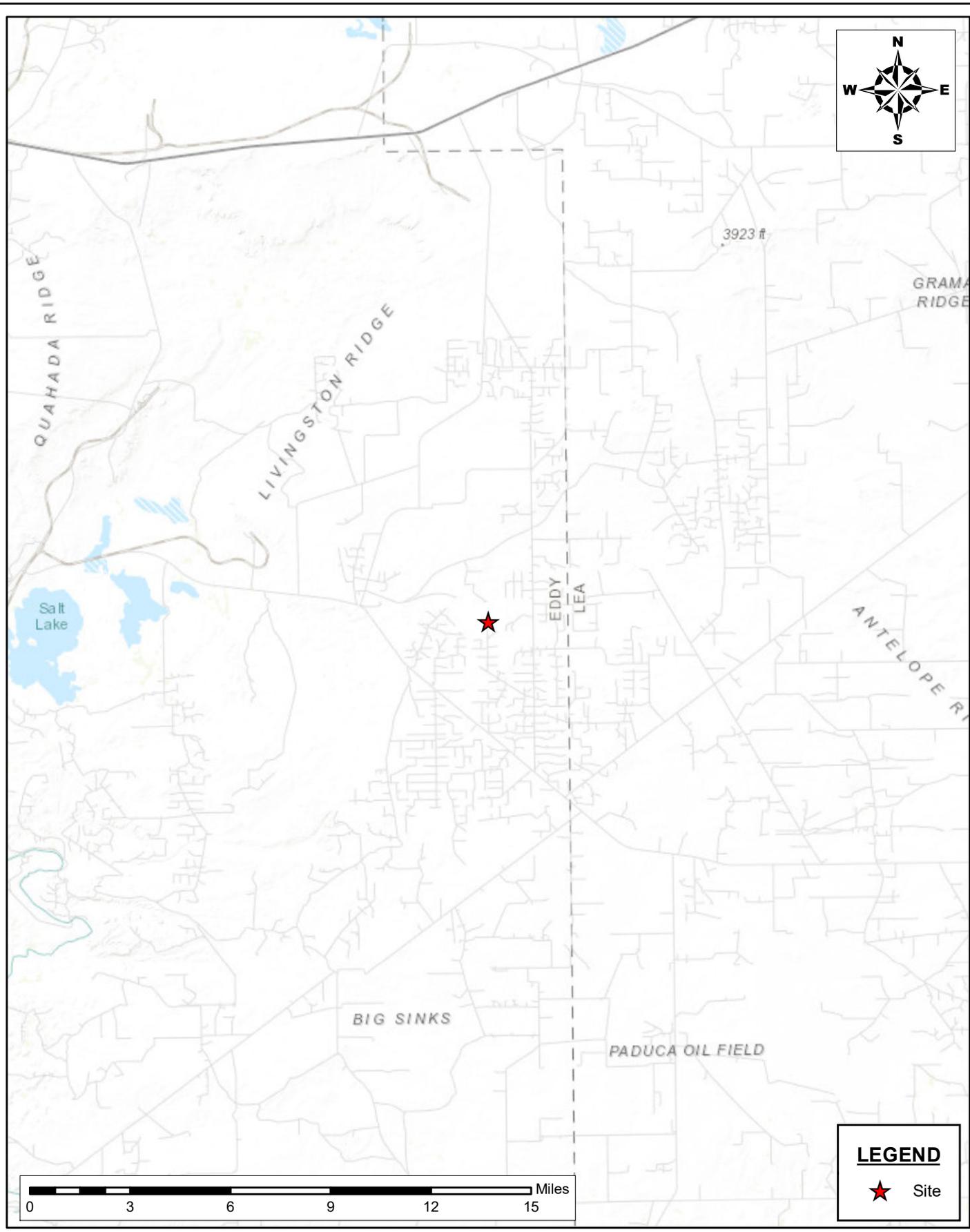
SCALE: As Shown Date: 8/2/2023 PROJECT #: 237626

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

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

DRAWING NUMBER:
FIGURE 1
 SHEET NUMBER:
1 of 1

Document Path: P:\2023 PROJECTS\DEVON\RSC\237626- North Pure Gold 10 J Federal #0107- Figures\GIS\Figure_2_TM.mxd



**TOPOGRAPHIC MAP
CLOSURE REPORT**
 NORTH PURE GOLD 10 J FEDERAL #010
 DEVON ENERGY PRODUCTION COMPANY
 EDDY COUNTY, NEW MEXICO
 32.3175201, -103.7635574

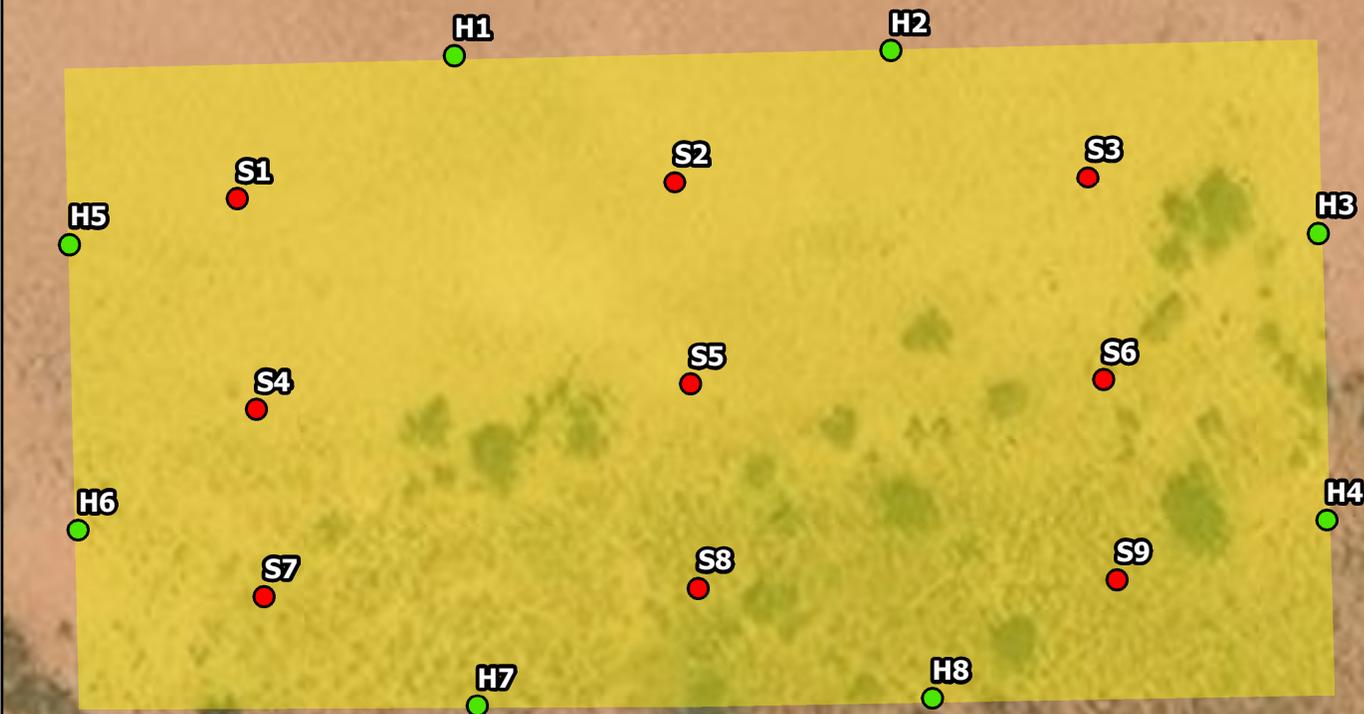
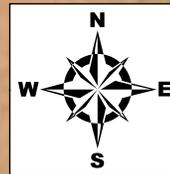
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NOTES:
 1. Base Image: ESRI Maps & Data 2013
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DRAWING NUMBER:
FIGURE 2
 SHEET NUMBER:
1 of 1

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LEGEND

- Horizontal Sample
- Vertical Sample
- Area of Concern

**SITE ASSESSMENT MAP
CLOSURE REPORT**
 NORTH PURE GOLD 10 J FEDERAL #010
 DEVON ENERGY PRODUCTION COMPANY
 EDDY COUNTY, NEW MEXICO


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

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

DRAWING NUMBER:
FIGURE 3
 SHEET NUMBER:
1 of 1

SCALE: As Shown Date: 3/13/2024 PROJECT #: 237626

PHOTOGRAPHIC LOG

PHOTOGRAPHIC LOG

North Pure Gold 10 J Federal #010

Photograph No. 1

Facility: North Pure Gold 10 J Federal #010

County: Eddy County, New Mexico

Description:
Area of concern from spill.

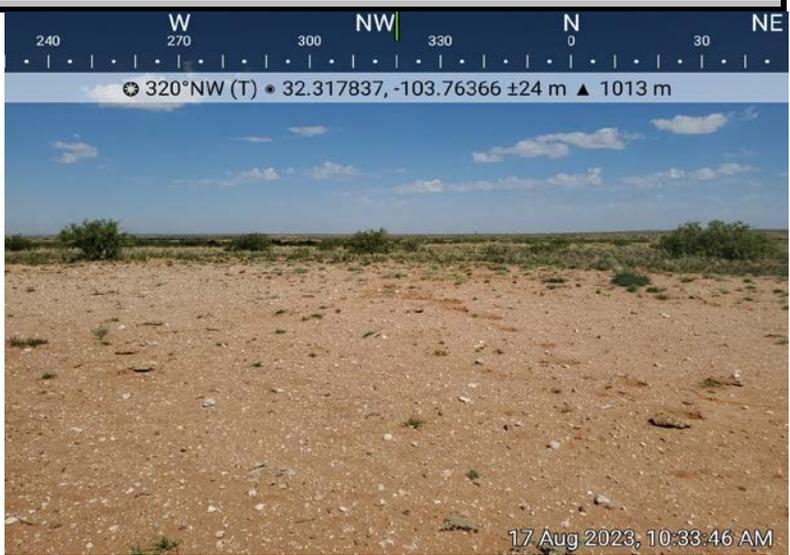


Photograph No. 2

Facility: North Pure Gold 10 J Federal #010

County: Eddy County, New Mexico

Description:
Area of concern from spill.

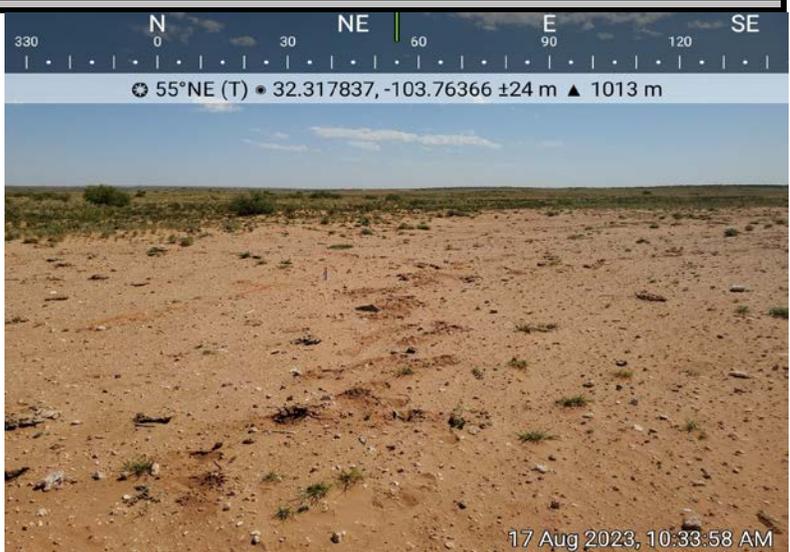


Photograph No. 3

Facility: North Pure Gold 10 J Federal #010

County: Eddy County, New Mexico

Description:
Area of concern from spill.



PHOTOGRAPHIC LOG

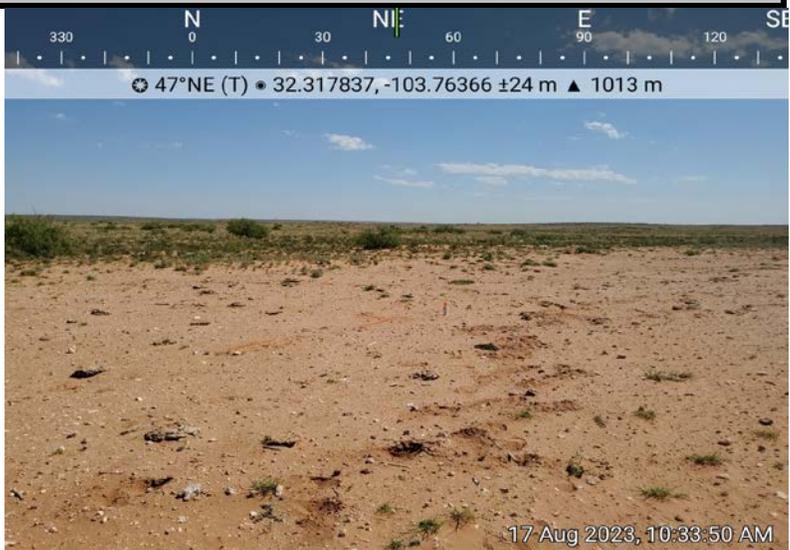
North Pure Gold 10 J Federal #010

Photograph No. 4

Facility: North Pure Gold 10 J Federal #010

County: Eddy County, New Mexico

Description:
Area of concern from spill.



Photograph No. 5

Facility: North Pure Gold 10 J Federal #010

County: Eddy County, New Mexico

Description:
Area of concern from spill.

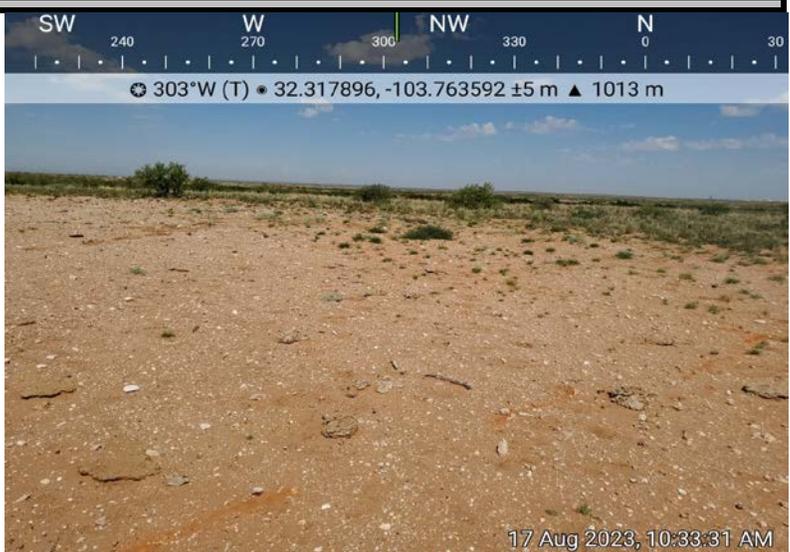


Photograph No. 6

Facility: North Pure Gold 10 J Federal #010

County: Eddy County, New Mexico

Description:
Area of concern from spill.



PHOTOGRAPHIC LOG

North Pure Gold 10 J Federal #010

Photograph No. 7

Facility: North Pure Gold 10 J Federal #010

County: Eddy County, New Mexico

Description:
Area of concern from spill.



Photograph No. 8

Facility: North Pure Gold 10 J Federal #010

County: Eddy County, New Mexico

Description:
Area of concern from spill.



Photograph No. 9

Facility: North Pure Gold 10 J Federal #010

County: Eddy County, New Mexico

Description:
Area of concern from spill.



LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS



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

October 11, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: NPG 10

Enclosed are the results of analyses for samples received by the laboratory on 10/05/23 12:45.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, flowing "C" at the beginning.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	NPG 10	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shari Cisneros
Project Location:	LEA CO		

Sample ID: S - 1 (0-6") (H235429-01)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2023	ND	2.00	100	2.00	2.21		
Toluene*	<0.050	0.050	10/06/2023	ND	1.97	98.3	2.00	1.02		
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.04	102	2.00	0.135		
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.14	102	6.00	0.473		
Total BTEX	<0.300	0.300	10/06/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/06/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	203	101	200	8.72		
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	192	96.0	200	7.56		
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND						

Surrogate: 1-Chlorooctane 81.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	NPG 10	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shari Cisneros
Project Location:	LEA CO		

Sample ID: S - 1 (1-1.5') (H235429-02)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2023	ND	2.03	102	2.00	3.32		
Toluene*	<0.050	0.050	10/06/2023	ND	2.00	100	2.00	4.90		
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.08	104	2.00	5.78		
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.24	104	6.00	5.51		
Total BTEX	<0.300	0.300	10/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/06/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	203	101	200	8.72		
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	192	96.0	200	7.56		
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND						

Surrogate: 1-Chlorooctane 72.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	NPG 10	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shari Cisneros
Project Location:	LEA CO		

Sample ID: S - 1 (2-2.5') (H235429-03)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2023	ND	2.03	102	2.00	3.32		
Toluene*	<0.050	0.050	10/06/2023	ND	2.00	100	2.00	4.90		
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.08	104	2.00	5.78		
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.24	104	6.00	5.51		
Total BTEX	<0.300	0.300	10/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/06/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	203	101	200	8.72		
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	192	96.0	200	7.56		
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND						

Surrogate: 1-Chlorooctane 70.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.4 % 49.1-148

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Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	NPG 10	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shari Cisneros
Project Location:	LEA CO		

Sample ID: S - 1 (3-3.5') (H235429-04)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2023	ND	2.03	102	2.00	3.32		
Toluene*	<0.050	0.050	10/06/2023	ND	2.00	100	2.00	4.90		
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.08	104	2.00	5.78		
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.24	104	6.00	5.51		
Total BTEX	<0.300	0.300	10/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/06/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	203	101	200	8.72		
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	192	96.0	200	7.56		
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND						

Surrogate: 1-Chlorooctane 76.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	NPG 10	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shari Cisneros
Project Location:	LEA CO		

Sample ID: S - 1 (4-4.5') (H235429-05)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2023	ND	2.03	102	2.00	3.32		
Toluene*	<0.050	0.050	10/06/2023	ND	2.00	100	2.00	4.90		
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.08	104	2.00	5.78		
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.24	104	6.00	5.51		
Total BTEX	<0.300	0.300	10/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/06/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	203	101	200	8.72		
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	192	96.0	200	7.56		
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND						

Surrogate: 1-Chlorooctane 79.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	NPG 10	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shari Cisneros
Project Location:	LEA CO		

Sample ID: S - 2 (0-6") (H235429-06)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2023	ND	2.03	102	2.00	3.32		
Toluene*	<0.050	0.050	10/06/2023	ND	2.00	100	2.00	4.90		
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.08	104	2.00	5.78		
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.24	104	6.00	5.51		
Total BTEX	<0.300	0.300	10/06/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/06/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	203	101	200	8.72		
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	192	96.0	200	7.56		
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND						

Surrogate: 1-Chlorooctane 87.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.1 % 49.1-148

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Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	NPG 10	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shari Cisneros
Project Location:	LEA CO		

Sample ID: S - 2 (1-1.5') (H235429-07)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	102	2.00	3.32		
Toluene*	<0.050	0.050	10/07/2023	ND	2.00	100	2.00	4.90		
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.08	104	2.00	5.78		
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.24	104	6.00	5.51		
Total BTEX	<0.300	0.300	10/07/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/06/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	203	101	200	8.72		
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	192	96.0	200	7.56		
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND						

Surrogate: 1-Chlorooctane 71.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	NPG 10	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shari Cisneros
Project Location:	LEA CO		

Sample ID: S - 2 (2-2.5') (H235429-08)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	102	2.00	3.32		
Toluene*	<0.050	0.050	10/07/2023	ND	2.00	100	2.00	4.90		
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.08	104	2.00	5.78		
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.24	104	6.00	5.51		
Total BTEX	<0.300	0.300	10/07/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/06/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	203	101	200	8.72		
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	192	96.0	200	7.56		
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND						

Surrogate: 1-Chlorooctane 86.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	NPG 10	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shari Cisneros
Project Location:	LEA CO		

Sample ID: S - 2 (3-3.5') (H235429-09)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	102	2.00	3.32		
Toluene*	<0.050	0.050	10/07/2023	ND	2.00	100	2.00	4.90		
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.08	104	2.00	5.78		
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.24	104	6.00	5.51		
Total BTEX	<0.300	0.300	10/07/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/06/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	203	101	200	8.72		
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	192	96.0	200	7.56		
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND						

Surrogate: 1-Chlorooctane 74.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	NPG 10	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shari Cisneros
Project Location:	LEA CO		

Sample ID: S - 2 (4-4.5') (H235429-10)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	102	2.00	3.32		
Toluene*	<0.050	0.050	10/07/2023	ND	2.00	100	2.00	4.90		
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.08	104	2.00	5.78		
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.24	104	6.00	5.51		
Total BTEX	<0.300	0.300	10/07/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/06/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	203	101	200	8.72		
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	192	96.0	200	7.56		
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND						

Surrogate: 1-Chlorooctane 75.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	NPG 10	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shari Cisneros
Project Location:	LEA CO		

Sample ID: S - 3 (0-6") (H235429-11)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	102	2.00	3.32		
Toluene*	<0.050	0.050	10/07/2023	ND	2.00	100	2.00	4.90		
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.08	104	2.00	5.78		
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.24	104	6.00	5.51		
Total BTEX	<0.300	0.300	10/07/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/06/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	203	101	200	8.72		
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	192	96.0	200	7.56		
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND						

Surrogate: 1-Chlorooctane 74.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	NPG 10	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shari Cisneros
Project Location:	LEA CO		

Sample ID: S - 3 (1-1.5') (H235429-12)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	102	2.00	3.32		
Toluene*	<0.050	0.050	10/07/2023	ND	2.00	100	2.00	4.90		
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.08	104	2.00	5.78		
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.24	104	6.00	5.51		
Total BTEX	<0.300	0.300	10/07/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/06/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	203	101	200	8.72		
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	192	96.0	200	7.56		
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND						

Surrogate: 1-Chlorooctane 76.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	NPG 10	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shari Cisneros
Project Location:	LEA CO		

Sample ID: S - 3 (2-2.5') (H235429-13)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	102	2.00	3.32		
Toluene*	<0.050	0.050	10/07/2023	ND	2.00	100	2.00	4.90		
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.08	104	2.00	5.78		
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.24	104	6.00	5.51		
Total BTEX	<0.300	0.300	10/07/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/06/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	203	101	200	8.72		
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	192	96.0	200	7.56		
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND						

Surrogate: 1-Chlorooctane 73.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	NPG 10	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shari Cisneros
Project Location:	LEA CO		

Sample ID: S - 3 (3-3.5') (H235429-14)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	102	2.00	3.32		
Toluene*	<0.050	0.050	10/07/2023	ND	2.00	100	2.00	4.90		
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.08	104	2.00	5.78		
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.24	104	6.00	5.51		
Total BTEX	<0.300	0.300	10/07/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/06/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	203	101	200	8.72		
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	192	96.0	200	7.56		
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND						

Surrogate: 1-Chlorooctane 76.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	NPG 10	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shari Cisneros
Project Location:	LEA CO		

Sample ID: S - 3 (4-4.5') (H235429-15)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	102	2.00	3.32		
Toluene*	<0.050	0.050	10/07/2023	ND	2.00	100	2.00	4.90		
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.08	104	2.00	5.78		
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.24	104	6.00	5.51		
Total BTEX	<0.300	0.300	10/07/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/06/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	203	101	200	8.72		
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	192	96.0	200	7.56		
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND						

Surrogate: 1-Chlorooctane 98.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	NPG 10	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shari Cisneros
Project Location:	LEA CO		

Sample ID: S - 4 (0-6") (H235429-16)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	102	2.00	3.32		
Toluene*	<0.050	0.050	10/07/2023	ND	2.00	100	2.00	4.90		
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.08	104	2.00	5.78		
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.24	104	6.00	5.51		
Total BTEX	<0.300	0.300	10/07/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/06/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	203	101	200	8.72		
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	192	96.0	200	7.56		
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND						

Surrogate: 1-Chlorooctane 74.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	NPG 10	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shari Cisneros
Project Location:	LEA CO		

Sample ID: S - 4 (1-1.5') (H235429-17)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	102	2.00	3.32		
Toluene*	<0.050	0.050	10/07/2023	ND	2.00	100	2.00	4.90		
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.08	104	2.00	5.78		
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.24	104	6.00	5.51		
Total BTEX	<0.300	0.300	10/07/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/06/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	203	101	200	8.72		
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	192	96.0	200	7.56		
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND						

Surrogate: 1-Chlorooctane 65.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 58.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	NPG 10	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shari Cisneros
Project Location:	LEA CO		

Sample ID: S - 4 (2-2.5') (H235429-18)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	102	2.00	3.32		
Toluene*	<0.050	0.050	10/07/2023	ND	2.00	100	2.00	4.90		
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.08	104	2.00	5.78		
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.24	104	6.00	5.51		
Total BTEX	<0.300	0.300	10/07/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/06/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	204	102	200	0.694		
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	221	111	200	0.344		
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND						

Surrogate: 1-Chlorooctane 81.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	NPG 10	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shari Cisneros
Project Location:	LEA CO		

Sample ID: S - 4 (3-3.5') (H235429-19)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	102	2.00	3.32		
Toluene*	<0.050	0.050	10/07/2023	ND	2.00	100	2.00	4.90		
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.08	104	2.00	5.78		
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.24	104	6.00	5.51		
Total BTEX	<0.300	0.300	10/07/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/06/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	204	102	200	0.694		
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	221	111	200	0.344		
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND						

Surrogate: 1-Chlorooctane 94.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	NPG 10	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shari Cisneros
Project Location:	LEA CO		

Sample ID: S - 4 (4-4.5') (H235429-20)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	102	2.00	3.32		
Toluene*	<0.050	0.050	10/07/2023	ND	2.00	100	2.00	4.90		
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.08	104	2.00	5.78		
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.24	104	6.00	5.51		
Total BTEX	<0.300	0.300	10/07/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/06/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	204	102	200	0.694		
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	221	111	200	0.344		
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND						

Surrogate: 1-Chlorooctane 78.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	NPG 10	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shari Cisneros
Project Location:	LEA CO		

Sample ID: S - 5 (0-6") (H235429-21)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	102	2.00	3.32		
Toluene*	<0.050	0.050	10/07/2023	ND	2.00	100	2.00	4.90		
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.08	104	2.00	5.78		
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.24	104	6.00	5.51		
Total BTEX	<0.300	0.300	10/07/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/06/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	204	102	200	0.694		
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	221	111	200	0.344		
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND						

Surrogate: 1-Chlorooctane 81.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	NPG 10	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shari Cisneros
Project Location:	LEA CO		

Sample ID: S - 5 (1-1.5') (H235429-22)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	102	2.00	3.42		
Toluene*	<0.050	0.050	10/07/2023	ND	1.97	98.5	2.00	2.73		
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	2.44		
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.07	101	6.00	1.93		
Total BTEX	<0.300	0.300	10/07/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	10/06/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	204	102	200	0.694		
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	221	111	200	0.344		
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND						

Surrogate: 1-Chlorooctane 83.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	NPG 10	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shari Cisneros
Project Location:	LEA CO		

Sample ID: S - 5 (2-2.5') (H235429-23)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	102	2.00	3.42		
Toluene*	<0.050	0.050	10/07/2023	ND	1.97	98.5	2.00	2.73		
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	2.44		
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.07	101	6.00	1.93		
Total BTEX	<0.300	0.300	10/07/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/06/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	204	102	200	0.694		
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	221	111	200	0.344		
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND						

Surrogate: 1-Chlorooctane 84.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	NPG 10	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shari Cisneros
Project Location:	LEA CO		

Sample ID: S - 5 (3-3.5') (H235429-24)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	102	2.00	3.42		
Toluene*	<0.050	0.050	10/07/2023	ND	1.97	98.5	2.00	2.73		
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	2.44		
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.07	101	6.00	1.93		
Total BTEX	<0.300	0.300	10/07/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/06/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	204	102	200	0.694		
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	221	111	200	0.344		
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND						

Surrogate: 1-Chlorooctane 85.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	NPG 10	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shari Cisneros
Project Location:	LEA CO		

Sample ID: S - 5 (4-4.5') (H235429-25)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	102	2.00	3.42		
Toluene*	<0.050	0.050	10/07/2023	ND	1.97	98.5	2.00	2.73		
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	2.44		
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.07	101	6.00	1.93		
Total BTEX	<0.300	0.300	10/07/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/06/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	204	102	200	0.694		
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	221	111	200	0.344		
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND						

Surrogate: 1-Chlorooctane 79.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	NPG 10	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shari Cisneros
Project Location:	LEA CO		

Sample ID: S - 7 (0-6") (H235429-26)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	102	2.00	3.42		
Toluene*	<0.050	0.050	10/07/2023	ND	1.97	98.5	2.00	2.73		
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	2.44		
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.07	101	6.00	1.93		
Total BTEX	<0.300	0.300	10/07/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/06/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	204	102	200	0.694		
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	221	111	200	0.344		
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND						

Surrogate: 1-Chlorooctane 80.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	NPG 10	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shari Cisneros
Project Location:	LEA CO		

Sample ID: S - 7 (1-1.5') (H235429-27)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	102	2.00	3.42		
Toluene*	<0.050	0.050	10/07/2023	ND	1.97	98.5	2.00	2.73		
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	2.44		
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.07	101	6.00	1.93		
Total BTEX	<0.300	0.300	10/07/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/06/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	204	102	200	0.694		
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	221	111	200	0.344		
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND						

Surrogate: 1-Chlorooctane 69.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	NPG 10	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shari Cisneros
Project Location:	LEA CO		

Sample ID: S - 7 (2-2.5') (H235429-28)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	102	2.00	3.42		
Toluene*	<0.050	0.050	10/07/2023	ND	1.97	98.5	2.00	2.73		
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	2.44		
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.07	101	6.00	1.93		
Total BTEX	<0.300	0.300	10/07/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	10/06/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	204	102	200	0.694		
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	221	111	200	0.344		
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND						

Surrogate: 1-Chlorooctane 82.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.4 % 49.1-148

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Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	NPG 10	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shari Cisneros
Project Location:	LEA CO		

Sample ID: S - 7 (3-3.5') (H235429-29)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	102	2.00	3.42		
Toluene*	<0.050	0.050	10/07/2023	ND	1.97	98.5	2.00	2.73		
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	2.44		
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.07	101	6.00	1.93		
Total BTEX	<0.300	0.300	10/07/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	10/06/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	204	102	200	0.694		
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	221	111	200	0.344		
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND						

Surrogate: 1-Chlorooctane 80.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	NPG 10	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shari Cisneros
Project Location:	LEA CO		

Sample ID: S - 7 (4-4.5') (H235429-30)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	102	2.00	3.42		
Toluene*	<0.050	0.050	10/07/2023	ND	1.97	98.5	2.00	2.73		
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	2.44		
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.07	101	6.00	1.93		
Total BTEX	<0.300	0.300	10/07/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	10/06/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	204	102	200	0.694		
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	221	111	200	0.344		
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND						

Surrogate: 1-Chlorooctane 85.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	NPG 10	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shari Cisneros
Project Location:	LEA CO		

Sample ID: S - 6 (0-6") (H235429-31)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	102	2.00	3.42		
Toluene*	<0.050	0.050	10/07/2023	ND	1.97	98.5	2.00	2.73		
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	2.44		
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.07	101	6.00	1.93		
Total BTEX	<0.300	0.300	10/07/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/06/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	204	102	200	0.694		
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	221	111	200	0.344		
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND						

Surrogate: 1-Chlorooctane 81.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	NPG 10	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shari Cisneros
Project Location:	LEA CO		

Sample ID: S - 6 (1-1.5') (H235429-32)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	102	2.00	3.42		
Toluene*	<0.050	0.050	10/07/2023	ND	1.97	98.5	2.00	2.73		
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	2.44		
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.07	101	6.00	1.93		
Total BTEX	<0.300	0.300	10/07/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/06/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	204	102	200	0.694		
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	221	111	200	0.344		
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND						

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	NPG 10	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shari Cisneros
Project Location:	LEA CO		

Sample ID: S - 6 (2-2.5') (H235429-33)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	102	2.00	3.42		
Toluene*	<0.050	0.050	10/07/2023	ND	1.97	98.5	2.00	2.73		
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	2.44		
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.07	101	6.00	1.93		
Total BTEX	<0.300	0.300	10/07/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/06/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	204	102	200	0.694		
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	221	111	200	0.344		
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND						

Surrogate: 1-Chlorooctane 82.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	NPG 10	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shari Cisneros
Project Location:	LEA CO		

Sample ID: S - 6 (3-3.5') (H235429-34)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	102	2.00	3.42		
Toluene*	<0.050	0.050	10/07/2023	ND	1.97	98.5	2.00	2.73		
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	2.44		
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.07	101	6.00	1.93		
Total BTEX	<0.300	0.300	10/07/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/06/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	204	102	200	0.694		
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	221	111	200	0.344		
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND						

Surrogate: 1-Chlorooctane 84.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	NPG 10	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shari Cisneros
Project Location:	LEA CO		

Sample ID: S - 6 (4-4.5') (H235429-35)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	102	2.00	3.42		
Toluene*	<0.050	0.050	10/07/2023	ND	1.97	98.5	2.00	2.73		
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	2.44		
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.07	101	6.00	1.93		
Total BTEX	<0.300	0.300	10/07/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/06/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	204	102	200	0.694		
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	221	111	200	0.344		
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND						

Surrogate: 1-Chlorooctane 79.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	NPG 10	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shari Cisneros
Project Location:	LEA CO		

Sample ID: S - 9 (0-6") (H235429-36)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	102	2.00	3.42		
Toluene*	<0.050	0.050	10/07/2023	ND	1.97	98.5	2.00	2.73		
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	2.44		
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.07	101	6.00	1.93		
Total BTEX	<0.300	0.300	10/07/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/06/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	204	102	200	0.694		
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	221	111	200	0.344		
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND						

Surrogate: 1-Chlorooctane 81.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	NPG 10	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shari Cisneros
Project Location:	LEA CO		

Sample ID: S - 9 (1-1.5') (H235429-37)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	102	2.00	3.42		
Toluene*	<0.050	0.050	10/07/2023	ND	1.97	98.5	2.00	2.73		
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	2.44		
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.07	101	6.00	1.93		
Total BTEX	<0.300	0.300	10/07/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/06/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	204	102	200	0.694		
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	221	111	200	0.344		
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND						

Surrogate: 1-Chlorooctane 79.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.7 % 49.1-148

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Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	NPG 10	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shari Cisneros
Project Location:	LEA CO		

Sample ID: S - 9 (2-2.5') (H235429-38)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	102	2.00	3.42		
Toluene*	<0.050	0.050	10/07/2023	ND	1.97	98.5	2.00	2.73		
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	2.44		
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.07	101	6.00	1.93		
Total BTEX	<0.300	0.300	10/07/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/06/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	223	111	200	0.212		
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	233	116	200	1.60		
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND						

Surrogate: 1-Chlorooctane 88.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	NPG 10	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shari Cisneros
Project Location:	LEA CO		

Sample ID: S - 9 (3-3.5') (H235429-39)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	102	2.00	3.42		
Toluene*	<0.050	0.050	10/07/2023	ND	1.97	98.5	2.00	2.73		
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	2.44		
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.07	101	6.00	1.93		
Total BTEX	<0.300	0.300	10/07/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/06/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	223	111	200	0.212		
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	233	116	200	1.60		
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND						

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	NPG 10	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shari Cisneros
Project Location:	LEA CO		

Sample ID: S - 9 (4-4.5') (H235429-40)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	102	2.00	3.42		
Toluene*	<0.050	0.050	10/07/2023	ND	1.97	98.5	2.00	2.73		
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	2.44		
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.07	101	6.00	1.93		
Total BTEX	<0.300	0.300	10/07/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/06/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	223	111	200	0.212		
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	233	116	200	1.60		
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND						

Surrogate: 1-Chlorooctane 94.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	NPG 10	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shari Cisneros
Project Location:	LEA CO		

Sample ID: S - 8 (0-6") (H235429-41)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	102	2.00	3.42		
Toluene*	<0.050	0.050	10/07/2023	ND	1.97	98.5	2.00	2.73		
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	2.44		
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.07	101	6.00	1.93		
Total BTEX	<0.300	0.300	10/07/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/06/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	223	111	200	0.212		
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	233	116	200	1.60		
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND						

Surrogate: 1-Chlorooctane 89.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	NPG 10	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shari Cisneros
Project Location:	LEA CO		

Sample ID: S - 8 (1-1.5') (H235429-42)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2023	ND	2.20	110	2.00	5.12		
Toluene*	<0.050	0.050	10/06/2023	ND	2.19	109	2.00	11.6		
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.29	115	2.00	13.3		
Total Xylenes*	<0.150	0.150	10/06/2023	ND	7.24	121	6.00	14.5		
Total BTEX	<0.300	0.300	10/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/06/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	223	111	200	0.212		
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	233	116	200	1.60		
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND						

Surrogate: 1-Chlorooctane 90.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	NPG 10	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shari Cisneros
Project Location:	LEA CO		

Sample ID: S - 8 (2-2.5') (H235429-43)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2023	ND	2.20	110	2.00	5.12		
Toluene*	<0.050	0.050	10/06/2023	ND	2.19	109	2.00	11.6		
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.29	115	2.00	13.3		
Total Xylenes*	<0.150	0.150	10/06/2023	ND	7.24	121	6.00	14.5		
Total BTEX	<0.300	0.300	10/06/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/06/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	223	111	200	0.212		
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	233	116	200	1.60		
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND						

Surrogate: 1-Chlorooctane 92.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	NPG 10	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shari Cisneros
Project Location:	LEA CO		

Sample ID: S - 8 (3-3.5') (H235429-44)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2023	ND	2.20	110	2.00	5.12		
Toluene*	<0.050	0.050	10/06/2023	ND	2.19	109	2.00	11.6		
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.29	115	2.00	13.3		
Total Xylenes*	<0.150	0.150	10/06/2023	ND	7.24	121	6.00	14.5		
Total BTEX	<0.300	0.300	10/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	10/06/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	223	111	200	0.212		
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	233	116	200	1.60		
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND						

Surrogate: 1-Chlorooctane 93.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	NPG 10	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shari Cisneros
Project Location:	LEA CO		

Sample ID: S - 8 (4-4.5') (H235429-45)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2023	ND	2.20	110	2.00	5.12		
Toluene*	<0.050	0.050	10/06/2023	ND	2.19	109	2.00	11.6		
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.29	115	2.00	13.3		
Total Xylenes*	<0.150	0.150	10/06/2023	ND	7.24	121	6.00	14.5		
Total BTEX	<0.300	0.300	10/06/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	10/06/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	223	111	200	0.212		
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	233	116	200	1.60		
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND						

Surrogate: 1-Chlorooctane 95.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	NPG 10	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shari Cisneros
Project Location:	LEA CO		

Sample ID: H 1 (H235429-46)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.20	110	2.00	5.12	
Toluene*	<0.050	0.050	10/06/2023	ND	2.19	109	2.00	11.6	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.29	115	2.00	13.3	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	7.24	121	6.00	14.5	
Total BTEX	<0.300	0.300	10/06/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/06/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	223	111	200	0.212	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	233	116	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	NPG 10	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shari Cisneros
Project Location:	LEA CO		

Sample ID: H 2 (H235429-47)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.20	110	2.00	5.12	
Toluene*	<0.050	0.050	10/06/2023	ND	2.19	109	2.00	11.6	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.29	115	2.00	13.3	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	7.24	121	6.00	14.5	
Total BTEX	<0.300	0.300	10/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/06/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	223	111	200	0.212	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	233	116	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					

Surrogate: 1-Chlorooctane 96.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	NPG 10	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shari Cisneros
Project Location:	LEA CO		

Sample ID: H 3 (H235429-48)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.20	110	2.00	5.12	
Toluene*	<0.050	0.050	10/06/2023	ND	2.19	109	2.00	11.6	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.29	115	2.00	13.3	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	7.24	121	6.00	14.5	
Total BTEX	<0.300	0.300	10/06/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/06/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	223	111	200	0.212	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	233	116	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					

Surrogate: 1-Chlorooctane 94.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	NPG 10	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shari Cisneros
Project Location:	LEA CO		

Sample ID: H 4 (H235429-49)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.20	110	2.00	5.12	
Toluene*	<0.050	0.050	10/06/2023	ND	2.19	109	2.00	11.6	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.29	115	2.00	13.3	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	7.24	121	6.00	14.5	
Total BTEX	<0.300	0.300	10/06/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/06/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	223	111	200	0.212	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	233	116	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	NPG 10	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shari Cisneros
Project Location:	LEA CO		

Sample ID: H 5 (H235429-50)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.20	110	2.00	5.12	
Toluene*	<0.050	0.050	10/06/2023	ND	2.19	109	2.00	11.6	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.29	115	2.00	13.3	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	7.24	121	6.00	14.5	
Total BTEX	<0.300	0.300	10/06/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/06/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	223	111	200	0.212	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	233	116	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					

Surrogate: 1-Chlorooctane 95.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	NPG 10	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shari Cisneros
Project Location:	LEA CO		

Sample ID: H 6 (H235429-51)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.20	110	2.00	5.12	
Toluene*	<0.050	0.050	10/06/2023	ND	2.19	109	2.00	11.6	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.29	115	2.00	13.3	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	7.24	121	6.00	14.5	
Total BTEX	<0.300	0.300	10/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/06/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	223	111	200	0.212	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	233	116	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					

Surrogate: 1-Chlorooctane 87.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	NPG 10	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shari Cisneros
Project Location:	LEA CO		

Sample ID: H 7 (H235429-52)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.20	110	2.00	5.12	
Toluene*	<0.050	0.050	10/06/2023	ND	2.19	109	2.00	11.6	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.29	115	2.00	13.3	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	7.24	121	6.00	14.5	
Total BTEX	<0.300	0.300	10/06/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/06/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	223	111	200	0.212	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	233	116	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					

Surrogate: 1-Chlorooctane 89.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.8 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	NPG 10	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shari Cisneros
Project Location:	LEA CO		

Sample ID: H 8 (H235429-53)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.20	110	2.00	5.12	
Toluene*	<0.050	0.050	10/06/2023	ND	2.19	109	2.00	11.6	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.29	115	2.00	13.3	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	7.24	121	6.00	14.5	
Total BTEX	<0.300	0.300	10/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/06/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	223	111	200	0.212	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	233	116	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					

Surrogate: 1-Chlorooctane 97.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Notes and Definitions

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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240
 (575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: **NTGE**

Project Manager: **Ethan Sessums**

Address: **209 W McKay St**

City: **Catsbald** State: **NM** Zip: **88220**

Phone #: **254-266-566** Fax #:

Project #: **NPG 10** Project Owner:

Project Location: **Lea Co**

Sampler Name: **Ethan Sessums**

BILL TO

P.O. #: Company:

Address: Attn:

City: State: Zip:

Phone #: Fax #:

ANALYSIS REQUEST

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS REQUEST
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:			
H35489	S-1 (0-6")	G	1							10/5		BTEX 8021B
	S-1 (1-1.5')											TPH 8015M (Grot+Dot+MIO)
	S-1 (2-2.5')											Chloride 4500
	S-1 (3-3.5')											
	S-1 (4-4.5')											
	S-2 (0-6")											
	S-2 (1-1.5')											
	S-2 (2-2.5')											
	S-2 (3-3.5')											
	S-2 (4-4.5')											

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Relinquished By: *[Signature]* Date: **10/5** Received By: **Shou Lorenz**

Relinquished By: *[Signature]* Date: **10/5** Received By: **Shou Lorenz**

Delivered By: (Circle One) UPS Bus Other: **UPS**

Observed Temp. °C: **-1.1°C** Corrected Temp. °C: **-1.1°C**

Sample Condition: Cool Intact Bacteria (only) Sample Condition Observed Temp. °C: **-1.1°C** Corrected Temp. °C: **-1.1°C**

Turnaround Time: **Standard** Rush Add'l Phone #:

Thermometer ID #140 Correction Factor 0°C

Remarks: **All Results are emailed. Please provide Email address:**



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: NIJE Project Manager: Ethan Sessions Address: 209 W McKay St City: Carlsbad State: NM Zip: 88220 Phone #: 254-266-5456 Fax #: _____ Project #: _____ Project Owner: _____ Project Name: NPG 10 City: _____ State: _____ Zip: _____ Project Location: Lea Co Address: _____ Sampler Name: Ethan Sessions Phone #: _____ Fax #: _____		BILL TO P.O. #: _____ Company: _____ Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
FOR LAB USE ONLY Lab I.D. HA35429 Sample I.D. _____		ANALYSIS REQUEST	
PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of, or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.		BTEX 8021B TPH 8015M (GratDrotMtd) Chloride 4500	
Relinquished By: _____ Date: 10/5 Time: 18:45	Received By: Shawn Conner Date: _____ Time: _____	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: All Results are emailed. Please provide Email address:	REMARKS:
Delivered By: (Circle One) Sampler - UPS - Bus - Other: _____ Observed Temp. °C: -11.2 Corrected Temp. °C: _____ Sample Condition: <input checked="" type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: _____ (Initials)	Turnaround Time: <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Rush Thermometer ID #140 <input type="checkbox"/> Bacteria (only) Sample Condition <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Cool <input type="checkbox"/> Intact Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Corrected Temp. °C	Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: NTE Project Manager: Ethan Sessions Address: 289 W McKay St City: Catford State: NM Zip: 88220 Phone #: 754-266-5456 Fax #: Project #: Project Owner: Project Name: NPG 10 Project Location: Lea Co Sampler Name: Ethan Sessions <small>FOR LAB USE ONLY</small>		BILL TO P.O. #: Company: Attn: Address: City: State: Zip: Phone #: Fax #:		ANALYSIS REQUEST	
Lab I.D. HX35429 21 22 23 24 25	Sample I.D. S-S (0-6") S-S (1-1.5') S-S (2-2.5') S-S (3-3.5') S-S (4-4.5')	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	DATE TIME	BTEX 8021 B TPH 8015 M Chloride 4500	REMARKS:
Relinquished By: [Signature] Date: 10/5 Time: 10:45		Received By: [Signature] Date: 10/5 Time: 10:45		Verbal Results: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: All Results are emailed. Please provide Email address:	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Observed Temp. °C Corrected Temp. °C		Sample Condition Cool Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Bacteria (only) Sample Condition: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Thermometer ID #140 Correction Factor 0°C	

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: NTGE Project Manager: Ethan Sessions Address: 209 W McKay St City: Carlsbad State: NM Zip: 88220 Phone #: 254-266-5456 Fax #: _____ Project #: _____ Project Owner: _____ Project Name: NTG-10 City: _____ State: _____ Zip: _____ Project Location: Lea Co. Phone #: _____ Sampler Name: Ethan Sessions Fax #: _____		BILL TO P.O. #: _____ Company: _____ Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____		ANALYSIS REQUEST	
Lab I.D.: _____ Sample I.D.: _____ FOR LAB USE ONLY		(G)RAB OR (C)OMP. _____ # CONTAINERS _____ GROUNDWATER _____ WASTEWATER _____ SOIL _____ OIL _____ SLUDGE _____ OTHER: _____ ACID/BASE: _____ ICE / COOL _____ OTHER: _____		DATE _____ TIME _____ BTEX 8021B TPH 8015M (BRO DAO MRD) Chloride 4500	
Date: 10/5 Received By: Shari Cisneros Time: 12:45 Date: _____ Received By: _____ Date: _____ Time: _____		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Add'l Probe #: All Results are emailed. Please provide Email address: _____ REMARKS: _____		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Thermometer ID #140 <input type="checkbox"/> Bacteria (only) Sample Condition Correction Factor 0°C <input type="checkbox"/> Cool Intact <input type="checkbox"/> Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No Corrected Temp. °C	
Delivered By: (Circle One) _____ Sampler - UPS - Bus - Other: _____ Observed Temp. °C _____ Corrected Temp. °C -11°C Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Checked By: (Initials) SE		Delivered By: _____ Observed Temp. °C _____ Corrected Temp. °C _____ Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No Checked By: _____		Delivered By: _____ Observed Temp. °C _____ Corrected Temp. °C _____ Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No Checked By: _____	



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: **NTGE**

Project Manager: **Ethan Sessums**

Address: **209 W McKay St**

City: **Carlsbad** State: **NM** Zip: **88220**

Phone #: **504-266-5436** Fax #:

Project #: **NP6-10** Project Owner:

Project Location: **Lea Co.**

Sampler Name: **Ethan Sessums**

FOR LAB USE ONLY

P.O. #: _____ Company: _____

Attn: _____ Address: _____

City: _____ State: _____ Zip: _____

Phone #: _____ Fax #: _____

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			
1835109	S-9(0-6")	6	1							10/5		B.TEX 8021 B
310	S-9(1-1.5')	1	1									TPH 8015M (GRO, PRO, MRO)
37	S-9(2-2.5')	1	1									Chloride 4500
38	S-9(3-3.5')	1	1									
39	S-9(4-4.5')	1	1									
40	S-8(0-6")	1	1									
41	S-8(1-1.5')	1	1									
42	S-8(2-2.5')	1	1									
43	S-8(3-3.5')	1	1									
44	S-8(4-4.5')	1	1									
45		1	1									

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Relinquished By: _____

Received By: **Shari Linnear**

Date: **10/5**

Time: **10:45**

Observed Temp. °C: **-11°C**

Corrected Temp. °C: _____

Sample Condition: Intact Cool Yes No

Checked By: _____

Remarks: _____

Thermometer ID #140

Correction Factor 0°C

Standard **Rush**

Bacteria (only) Sample Condition Intact Cool Yes No

Observed Temp. °C: _____

Corrected Temp. °C: _____

Delivered By: (Circle One)

Sampler - UPS - Bus - Other: _____

Observed Temp. °C: _____

Corrected Temp. °C: _____

Sample Condition: Intact Cool Yes No

Checked By: _____

Remarks: _____

Thermometer ID #140

Correction Factor 0°C

Standard **Rush**

Bacteria (only) Sample Condition Intact Cool Yes No

Observed Temp. °C: _____

Corrected Temp. °C: _____

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: **NTGF**

Project Manager: **Ethan Sessums**

Address: **209 W McKay St**

City: **Carlsbad**

Phone #: **254-266-5456**

Project #: **NP6-10**

Project Name: **Lea Co.**

Project Location: **Ethan Sessums**

Sampler Name: **Ethan Sessums**

BILL TO

P.O. #:

Company:

Attn:

Address:

City:

State: Zip:

Phone #:

Fax #:

ANALYSIS REQUEST

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	REMARKS
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:			
#25429	H1	1	1							10/15	BTEX 8021 B	
416	H2	1	1								TAH 8015M (GRO BRO MRO)	
47	H3	1	1								Chloride 4500	
48	H4	1	1									
49	H5	1	1									
50	H6	1	1									
51	H7	1	1									
52	H8	1	1									

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Relinquished By: **[Signature]**

Date: **10/15**

Time: **12:45**

Date: **10/15**

Time: **12:45**

Received By: **[Signature]**

Date: **10/15**

Time: **12:45**

Received By: **[Signature]**

Date: **10/15**

Time: **12:45**

Received By: **[Signature]**

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

Observed Temp. °C

Corrected Temp. °C

Sample Condition

Cool Intact

Yes No

Checked By: (Initials)

Turnaround Time:

Thermometer ID #140

Correction Factor 0°C

Standard **Rush**

Bacteria (only) Sample Condition

Cool Intact

Yes No

Observed Temp. °C

Corrected Temp. °C

Remarks:

Verbal Result: Yes No Add'l Phone #:

All Results are emailed. Please provide Email address:

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 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720
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 811 S. First St., Artesia, NM 88210
 Phone:(575) 748-1283 Fax:(575) 748-9720
District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 324775

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 324775
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAB1816335023
Incident Name	NAB1816335023 NORTH PURE GOLD 10 J FEDERAL #010 @ 30-015-33386
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-015-33386] NORTH PURE GOLD 10 J FEDERAL #010

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	NORTH PURE GOLD 10 J FEDERAL #010
Date Release Discovered	05/14/2018
Surface Owner	Federal

Incident Details	
<i>Please answer all the questions in this group.</i>	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Cause: Equipment Failure Tank (Any) Crude Oil Released: 3 BBL Recovered: 2 BBL Lost: 1 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure Tank (Any) Produced Water Released: 28 BBL Recovered: 10 BBL Lost: 18 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

District I
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 Phone:(575) 748-1283 Fax:(575) 748-9720
District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS, Page 2

Action 324775

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 324775
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

Initial Response

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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

I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dvn.com Date: 03/19/2024
--	--

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Phone:(575) 748-1283 Fax:(575) 748-9720

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

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

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

QUESTIONS, Page 3

Action 324775

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	324775
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Less than or equal 25 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Between 1 and 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	192
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	10
GRO+DRO (EPA SW-846 Method 8015M)	10
BTEX (EPA SW-846 Method 8021B or 8260B)	0.3
Benzene (EPA SW-846 Method 8021B or 8260B)	0

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	10/05/2023
On what date will (or did) the final sampling or liner inspection occur	10/11/2023
On what date will (or was) the remediation complete(d)	10/18/2023
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	0
What is the estimated volume (in cubic yards) that will be remediated	0

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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Action 324775

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 324775
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:

(Select all answers below that apply.)

(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Yes
Other Non-listed Remedial Process. Please specify	No remediation/reclamation required, as no spill impacts have been found and the site is reclaimed.

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

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

I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmn.com Date: 03/19/2024
--	--

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 5

Action 324775

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 324775
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only

Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.

Requesting a deferral of the remediation closure due date with the approval of this submission	No
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QUESTIONS, Page 6

Action 324775

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 324775
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	324858
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/05/2023
What was the (estimated) number of samples that were to be gathered	9
What was the sampling surface area in square feet	40000

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	0
What was the total volume (cubic yards) remediated	0
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	No remediation/reclamation required, as no spill impacts have been found and the site is reclaimed.

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

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

I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmn.com Date: 03/19/2024
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Action 324775

QUESTIONS (continued)

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	Action Number: 324775
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 324775

CONDITIONS

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	Action Number: 324775
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CONDITIONS

Created By	Condition	Condition Date
crystal.walker	Report Approved. The reclamation report needs to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or 1 foot of suitable material to establish vegetation at the site, whichever is greater; and a reveg plan.	3/20/2024