****** LIQUID SPILLS - VOLUME CALCULATIONS ******

Location of spill:	Date of Spill:	
	Site Soil Type:	

Average Daily Production: BBL Oil BBL Water

	Total Area Calculations									
Total Surface Area	width		length		wet soil depth	oil (%)				
Rectangle Area #1	20 ft	Х	10 ft	Х	2 in	100%				
Rectangle Area #2	0 ft	X	0 ft	Χ	0 in	0%				
Rectangle Area #3	0 ft	X	0 ft	Χ	0 in	0%				
Rectangle Area #4	0 ft	X	0 ft	Χ	0 in	0%				
Rectangle Area #5	0 ft	X	0 ft	Χ	0 in	0%				
Rectangle Area #6	0 ft	X	0 ft	Χ	0 in	0%				
Rectangle Area #7	0 ft	X	0 ft	Χ	0 in	0%				
Rectangle Area #8	0 ft	X	0 ft	Χ	0 in	0%				
· ·										

Porosity 0.15 gal per gal

Saturated S	Soil Volume Calculations:			
		<u>H2O</u>	OIL	
Area #1	200 sq. ft.	cu. ft.	33	cu. ft.
Area #2	0 sq. ft.	cu. ft.		cu. ft.
Area #3	0 sq. ft.	cu. ft.		cu. ft.
Area #4	0 sq. ft.	cu. ft.		cu. ft.
Area #5	0 sq. ft.	cu. ft.		cu. ft.
Area #6	0 sq. ft.	cu. ft.		cu. ft.
Area #7	0 sq. ft.	cu. ft.		cu. ft.
Area #8	0 sq. ft.	cu. ft.		cu. ft.
Total Solid/Liquid Volume:	200 sq. ft.	cu. ft.	33	cu. ft.
Estimated '	Volumes Spilled			
		<u>H2O</u>	<u>OIL</u>	
Liquid	in Soil:	0.0 BBL	0.9	BBL
Liquid Reco	overed :	<u>0.0</u> <u>BBL</u>	0.0	BBL
Spil	l Liquid	0.0 BBL	0.9	BBL
Total Spill	•	0.9		
Recove	red Volumes			
Estimated oil recovered:	0.0 BBL			
Estimated water recovered:	0.0 BBL			

Soil Type	Porosity
Clay	0.15
Peat	0.40
Glacial Sediments	0.13
Sandy Clay	0.12
Silt	0.16
Loess	0.25
Fine Sand	0.16
Medium Sand	0.25
Coarse Sand	0.26
Gravely Sand	0.26
Fine Gravel	0.26
Medium Gravel	0.25
Coarse Gravel	0.18
Sandstone	0.25
Siltstone	0.18
Shale	0.05
Limestone	0.13
Basalt	0.19
Volcanic Tuff	0.20
Standing Liquids	



209 W. McKay Street Carlsbad, New Mexico 88220 Tel. 432.701.2159 www.ntgenvironmental.com

May 13, 2024

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

Re: Deferral Request Report
Thistle Unit 44H CTB 1
Devon Energy Production Company
Site Location: Unit N, S33, T23S, R33E
Lea County, New Mexico
Incident ID: nAPP2305130549

Mr. Bratcher:

On behalf of Devon Energy Production Company (Devon), New Tech Global Environmental, LLC (NTGE) has prepared this letter to document site assessment, remedial action, and sampling activities at the Thistle Unit 44H CTB (Site) for submittal to the New Mexico Oil Conservation Division (NMCOD) District 2 Office in Artesia, New Mexico The Site is in Unit Letter N, Section 33, of Township 23 South and Range 33 East in Lea County, New Mexico. The site location with respect to the nearest town is shown in Figure 1 and the topography of the area is shown in Figure 2.

Background

Based on the initial C-141 (Incident ID: nAPP2305130549) obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on February 19th, 2023. The release was a result of equipment failure which resulted in the release of approximately sixteen (16) barrels (bbls) of crude oil of which twelve (12) bbls were recovered for a net loss of four (4) bbls. Upon discovery, the well was shut-in, and the area was secured. The release is shown on Figure 3. The initial C-141 form is attached.

Site Characterization

In addition, based on a review of the New Mexico Office of State Engineers (NMOSE) and USGS databases, there is no water source within a ½-mile radius of the Site. The nearest identified well is located approximately 0.28 miles Southwest of the Site in Sec 33 T23S R33E. The well was drilled in 2023 to the reported depth of 101 feet below ground surface (ft bgs) with no groundwater encountered. No other receptors (playas, wetlands, waterways, lakebeds, or ordinance boundaries) are located within each specific boundary or distance from the Site. The site is located within a low karst area. A copy of the site characterization information and the associated NMOSE summary report is attached.

Regulatory Criteria

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

General Site Characterization and Groundwater:

Creating a Better Environment For Oil & Gas Operations

Mr. Mike Bratcher May 13, 2024 Page 2 of 4

Site Characterization	Average Groundwater Depth (ft)
Low Karst	>101

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

Regulatory Standard	Chloride	TPH (GRO+DRO+MRO	TPH (GRO+DRO)	BTEX	Benzene
19.15.29.13 Restoration, Reclamation and Re- Vegetation (Impacted Area 0-4 Feet)	600 mg/kg	100 mg/kg		50 mg/kg	10 mg/kg
19.15.23.12 Remediation and Closure Criteria for Soils Impacted by a Release (>4 Feet)	20,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg
Notes: = not defined					

Site Assessment

On June 7th, 2023, NTGE conducted site assessment activities to assess the vertical extent of impacts at the Site. A total of two (2) vertical sample points (V-1 and V-2) and four (4) horizontal sample points (H-1 through H-4) were installed within the release area to characterize the impacts. Soil samples were collected in 0.5 to 1 ft depth intervals from depths ranging from 0 – 3.5 ft bgs with a geotechnical hand auger. The hand auger was decontaminated with Alconox and deionized water between soil borings to prevent cross-contamination. The samples were analyzed BTEX by EPA method 8260B, TPH by method 8015B Modified, and chloride by EPA 4500 Cl-B by Cardinal Laboratories in Hobbs, New Mexico. The analytical results indicated that chloride and/or TPH concentrations exceeded the NMOCD regulatory limits in the areas of V-1 and V-2 at various depths in the range from 0 ft bgs to 1.5 ft bgs with BTEX exceeding in V-1. Analytical results are included in Table 1 and sampling locations are shown in Figure 4. Laboratory reports containing analytical methods and chain-of-custody documents are attached to the back of the report.

Remedial Action Activities and Confirmation Sampling

Based on the analytical results, Devon proceeded with the remedial actions at the Site to include the excavation and disposal of impacted soils above the regulatory limits. The release areas of V-1 through V-2 were excavated to four (4) ft bgs based on the delineation samples results shown in Table 1. Additional impacted areas caused by both releases nAPP2314547818 and nAPP2201362323 were excavated based on the information provided by Devon after the initial assessment was completed by a different environmental consultant (Wescom). The associated proposed excavation map is attached to the Figures. The complete excavation map overview is shown in Figure 5.

On July 19th, 2023, NTGE was onsite to collect sixty-five (65) confirmation samples (CS-1 to CS-65) from the base of the excavation as well as twenty-five (25) confirmation side wall samples (SW-1 to SW-25). The confirmation samples were collected every 200 square feet and analyzed for TPH (EPA method 8015 modified), BTEX (EPA Method 8021B), and chloride (method SM4500Cl-B Laboratory reports containing analytical methods and chain-of-custody documents are attached. Initial confirmation samples were collected on July 19th, 2023. Laboratory analytical results indicate that all confirmation samples were above NMOCD regulatory criterion from Table I, Closure Criteria for chloride and/or TPH with the exception of samples CS-10, CS-12, CS-16, CS-19, CS-26, CS-28, CS-34, CS-41, CS-43, CS-48, CS-54, CS-56 to CS-58, CS-61 to CS-63, SW-3, SW-4, SW-14, SW-22, and SW-23.

A NTG

Mr. Mike Bratcher May 13, 2024 Page 3 of 4

After further excavation, on August 1st, 2023, NTGE was on site to collect forty-five (25) confirmation bottom samples (CS-1 through CS-9, CS-11, CS-13 to CS-18, CS-20 to CS-25, CS-27 to CS-29, CS-31 to CS-33, CS-35, CS-37 to CS-40, CS-42, CS-45 to CS-47, CS-49 to CS-53, CS-55, CS-59, CS-60, CS-64 and CS-66) and eighteen (18) sidewall samples (SW-1A, SW-2A, SW-5A to SW-13A, SW-15A to SW-21A, and SW-24A) and submitted for BTEX, TPH, and chloride analysis. Analytical results indicated that all bottom hole confirmation samples were below NMOCD standards, while sidewall samples SW-1A, SW-7A, SW-13A, SW-15A to SW-18A, SW-20A, and SW-24A exceed either NMOCD standards for TPH or chloride.

After further excavation on August 3rd and 4th, 2023, NTGE was on site to collect fifteen (15) bottom hole samples (CS-30, and CS-67 to CS-80) along with twenty (20) sidewall samples (SW-26 to SW-41. And SW-43 to SW-46) and analyzed for BTEX, TPH, and chloride. All samples were below NMOCD for analytes.

On August 30th, 2023, NTGE was onsite to collect twenty-seven (27) bottom hole samples (CS-66, CS-81 to CS-106) and five (5) sidewall samples (SW-1B, SW-7B, SW-42, SW-47 and SW-48) and was analyzed for BTEX, TPH, and chloride. All samples were below NMOCD standard for analytes. Final confirmation samples collected on August 30th, 2023, indicate that impacted soils were removed from all impacted areas except the areas of SW-26 through SW-39. All other confirmation samples were below NMOCD regulatory criterion for the site. Areas of SW-26 through SW-39 are in a close proximity to the facility infrastructure and cannot be expanded any further according to the Devon personnel.

Complete analytical results for all confirmation samples are presented in Table 3 and the final excavation map with confirmation sample locations is shown in Figures 6 and 7.

On September 28th, 2023, and November 10th, 2023, NTGE was on site to collect five (5) vertical delineation samples (V-1 through V-5) in 0.5 to 5 ft depth intervals from depths ranging from 0 – 8.5 ft bgs with a geotechnical hand auger in the areas that could not be reached with any excavation machinery. Samples V-1, V-3, V-4, and V-5 were delineated. Laboratory results of these samples are presented in Table 1 and their locations are shown in Figure 3.

Deferral Request

Devon personnel have expressed that the excavation areas SW-26 through SW-39 cannot be expanded vertically or horizontally due to the presence of facility infrastructure (i.e., pumpjack, wellhead and adjacent flowlines and electrical lines, etc.) around the excavation and the associated safety concerns in further encroaching the infrastructure. The infrastructure in and around the excavation is visible on Figure 3. On behalf of Devon, NTGE formally requests a deferral for incident nAPP2305130549 to address the remaining soil impacts (SW-26 through SW-39) at the time of facility decommissioning or in the event infrastructure modifications are made in the area that would alleviate the safety concerns, whichever is sooner. Should the deferral request be granted, a remedial action report documenting excavation expansion and confirmation sampling activities will be prepared and filed following completion of the further actions to be completed at a future date. The release notification, site assessment/characterization, remediation plan, and closure/deferral portion of form C-141 are attached to the front of this report.

If you have any questions regarding this report or need additional information, please contact us at 432-701-2159.

Sincerely,

NTG Environmental



Mr. Mike Bratcher May 13, 2024 Page 4 of 4

Other _

Ethan Sessums Project Manager

Attachments:

Initial C-141 Tables Figures

Site Characterization Information

Photographic Log

Laboratory Reports and Chain-of-Custody

A NTG



NMOCD Closure Criteria

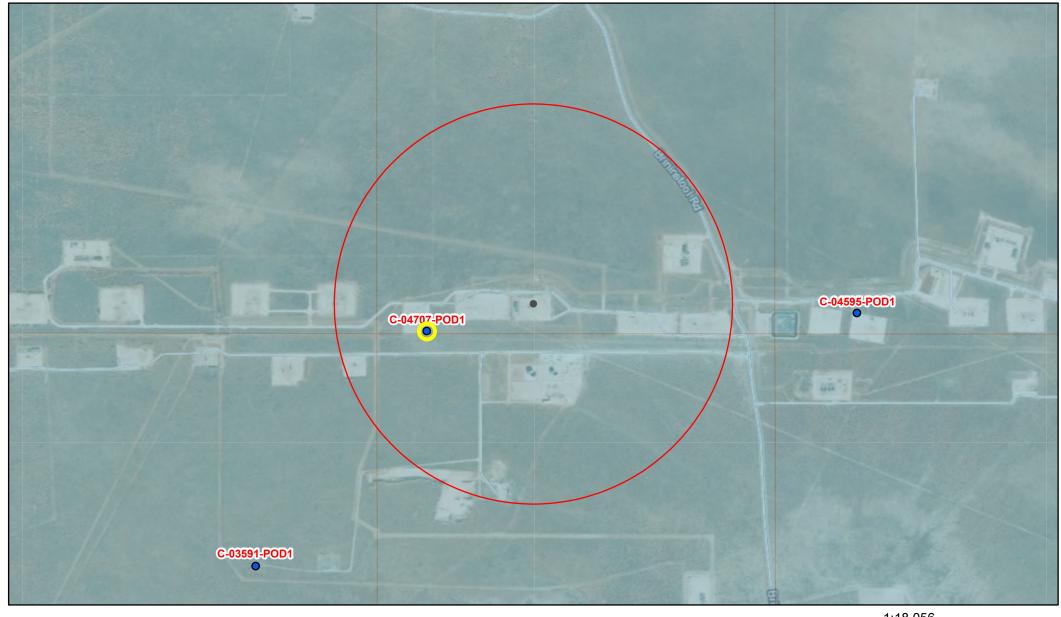
Thistle 44H CTB

Site Information (19.15.29.11.A (2,3, & 4) NMAC)		Source/Notes				
Depth to Groundwater (ft bgs)	>101	Office of the State Engineer (OSE)				
Horizontal Distance from All Water Sources Within 0.5 mile (ft)	N/A	National Wetlands Inventory (NWS)				
Horizontal Distance to Nearest Significant Watercourse (ft)	>2680	National Wetlands Inventory (NWS)				

Closure Criteria (19.1	15.29.12.B(4) aı	nd Table 1 NM.	AC)					
Double to Commitment (ft)		Closure Criteria (mg/kg)						
Depth to Groundwater (ft)		Chloride*	TPH	GRO + DRO	BTEX	Benzene		
< 50		600	100		50	10		
51 - 100		10,000	2,500	1,000	50	10		
>100	х	20,000	2,500	1,000	50	10		
Surface Water	Yes/No			in yes, then				
<300 ft from a continuously flowing watercourse or other significant								
watercourse?	No							
<200 ft from a lakebed, sinkhole, or playa lake?	No							
Water Well or Water Source								
<500 ft from a spring or a private, domestic fresh waster well used								
by less that 5 households for domestic or livestock purposes?	No							
<1,000 ft from a fresh water well or spring?	No							
Human and Other Area		600	100		50	10		
<300 ft from an occupied permanent residence, school, hospital,								
institution or church?	No							
Within incorporated municipal boundaries or within a defined								
municipal fresh water well field?	No							
<100 ft from a wetland?	No							
Within an area overlying a subsurface mine?	No	1						
Within and unstable area?	No							
Within a 100 yr floodplain?	No	1						

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

OSE POD Locations Map



7/24/2023, 12:14:59 PM **GIS WATERS PODs**

OSE District Boundary
Released to Imaging: 6/26/2024 2:47:16 PM

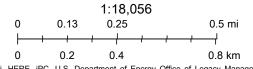
Water Right Regulations New Mexico State Trust Lands

Active

Closure Area

Both Estates

SiteBoundaries



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



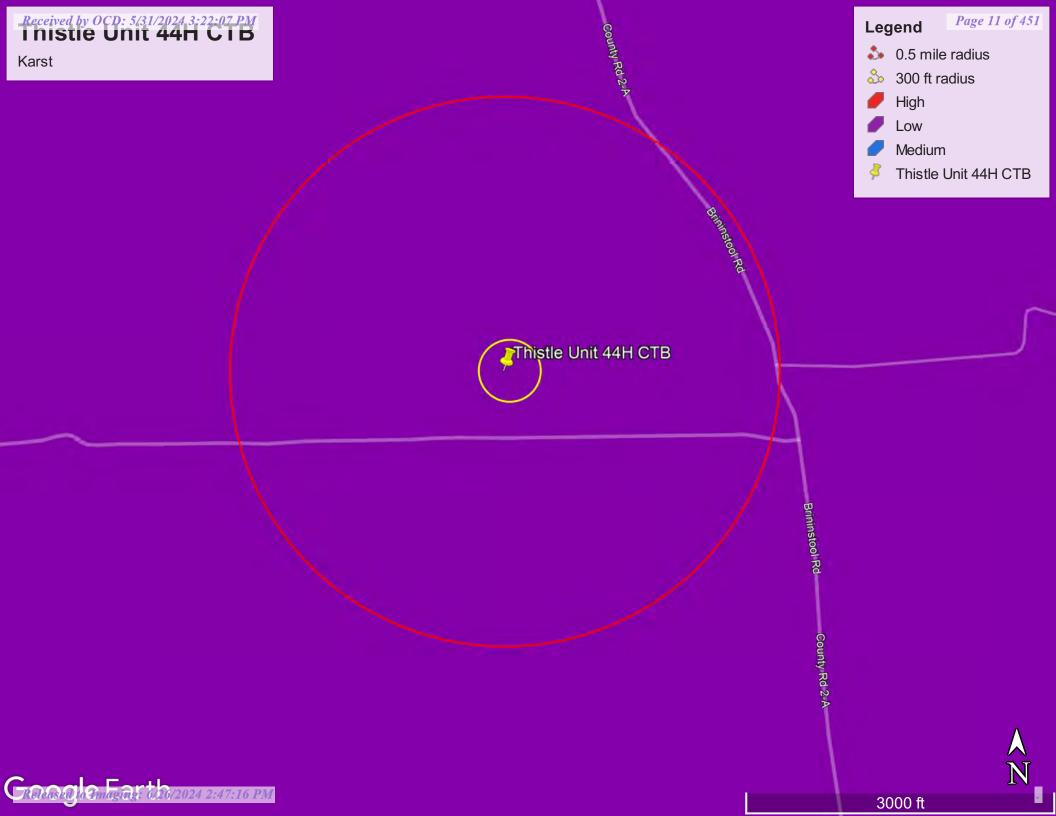
	OSE POD NO. (W	FIL NO)	1.	WELL TAG ID N	0		OSE FILE NO	S)		
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OCATI	WELL OWNER	Comments of			PHONE (OPTIONAL) 575-748-1838						
AND WELL LOCATION	WELL OWNER 1 6488 7 River		ADDRESS					CITY Artesia		STATE NM 88210	ZIP
LAND	WELL	LAZ	DE	EGREES MINUTES SECONDS 32 15 14.18 N				ACCURACY	REQUIRED: ONE TEN	TH OF A SECOND	
GENERAL	(FROM GPS)	-		103	35	1.3	32 W	* DATUM RE	QUIRED: WGS 84		
1. GEN			G WELL LOCATION TO T23S R33E NMPM		SS AND COMMO	ON LANDM	ARKS – PLS	SS (SECTION, TO	WNSHJIP, RANGE) WH	ERE AVAILABLE	
	LICENSE NO.		NAME OF LICENSED						NAME OF WELL DRI		
	1249				ckie D. Atkir				11	ineering Associates, I	
	DRILLING STAR 4/11/23		DRILLING ENDED 4/12/23	Tempora	ry Well Mate			LE DEPTH (FT) ±101	DEPTH WATER FIRS	ST ENCOUNTERED (FT) N/A	
2	COMPLETED W	ELL IS:	ARTESIAN	✓ DRY HOLE	SHALL	.ow (unco	NFINED)		WATER LEVEL PLETED WELL N	A DATE STATIC	
VIIO	DRILLING FLUI	D:	☐ AIR	MUD	ADDIT	IVES - SPEC	CIFY:	ly-s/			
)RM	DRILLING MET	HOD:	ROTARY HAMM	MER CABLE	TOOL 7 OT	HER – SPEC	TIFY: I	Hollow Stem	Auger CHECK INSTAL	HERE IF PITLESS ADAI LED	PTER IS
INF	DEPTH (feet bgl)		BORE HOLE	UKADE			ASING	CASING	CASING WALL	SLOT	
CASING INFORMATION	FROM	то	DIAM (inches)	(include each casing string, and note sections of screen)			1	NECTION FYPE bling diameter)	INSIDE DIAM. (inches)	THICKNESS (inches)	SIZE (inches)
& C	0	101	±6.25	Soil Boring			(acc conf			÷	
LING		_				-					
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7				-							
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UAL	FROM	то	DIAM. (inches)	GRAV	EL PACK SIZ		BY INTE	ERVAL	(cubic feet)	PLACEN	
ATER						N/A					
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ANNULAR MATERIAL									According	2002000	11
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		. 7.22								Gasal - No	0.00000
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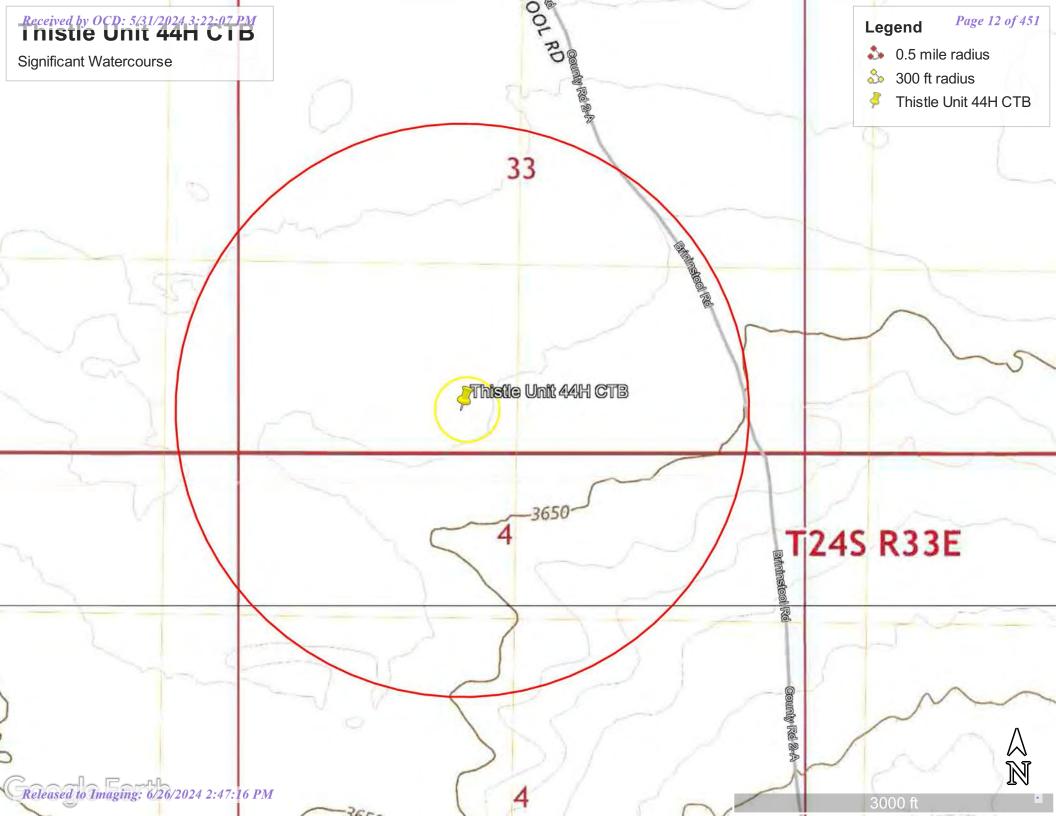
	DEPTH (fe	et bgl)		COLOR AND TYPE OF MATE	RIAL ENCOUNTERED -	WATER	ESTIMATED YIELD FOR
	FROM	то	THICKNESS (feet)	INCLUDE WATER-BEARING CAVI (attach supplemental sheets to		DE LEBITO	WATER-
	0	9	9	Sand, fine-grained, poorly gra	aded with caliche, Tan	Y /1	N
	9	50	41	Sand, fine-grained, poorly grade	ed, cemented layers, Tan	Y 🗸	N
	50	65	15	Sand, very fine-grained, poorl	y graded , Tan / Brown	Y 🗸	N
	65	101	36	Clay, Stiff, consolidated, with t	fine silt, Reddish Brown	Y 🗸	N
						Y	N
T						Y	N
4. HYDROGEOLOGIC LOG OF WELL						Y 1	N
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900						Y	N
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507						Y	N
EO						Y 1	N
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	PUMP		AIR LIFT	BAILER OTHER – SPECIFY:		WELL YIELD (gpr	n): 0.00
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TEST; RIG SUPERVISION	MISCELLAN	EOUS IN	41	mporary well material removed and soi ow ground surface(bgs), then hydrated istle Unit #043	bentonite chips ten feet bg	rill cuttings from tota s to surface.	WALCH W.
EST	PRINT NAMI	F(S) OF I	RILL RIG SUPER	VISOR(S) THAT PROVIDED ONSITE SU			
5. T	Shane Eldrid			VISON(S) TIM THO VISES ONSITE SE	TEXTISION OF WELL CO.	STRUCTION OTHER	THAN EIGENBEE
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SIGN	Jack A	tkins		Jackie D. Atkins		4/26/23	
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WELL TAG ID NO. M

PAGE 2 OF 2

LOCATION











July 24, 2023

Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Lake

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.

Received by OCD: 5/31/2024 3:22:07,PM National Flood Hazard Layer FIRMette





SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT Without Base Flood Elevation (BFE) With BFE or Depth Zone AE, AO, AH, VE, AR SPECIAL FLOOD HAZARD AREAS Regulatory Floodway 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X **Future Conditions 1% Annual** Chance Flood Hazard Zone X Area with Reduced Flood Risk due to Levee. See Notes. Zone X OTHER AREAS OF Area with Flood Risk due to Levee Zone D FLOOD HAZARD NO SCREEN Area of Minimal Flood Hazard Zone X Effective LOMRs OTHER AREAS Area of Undetermined Flood Hazard Zone D - - - Channel, Culvert, or Storm Sewer **GENERAL** STRUCTURES | LILLIL Levee, Dike, or Floodwall 20.2 Cross Sections with 1% Annual Chance Water Surface Elevation **Coastal Transect** Base Flood Elevation Line (BFE) Limit of Study Jurisdiction Boundary -- Coastal Transect Baseline OTHER **Profile Baseline FEATURES** Hydrographic Feature Digital Data Available No Digital Data Available

MAP PANELS

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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 7/24/2023 at 1:52 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

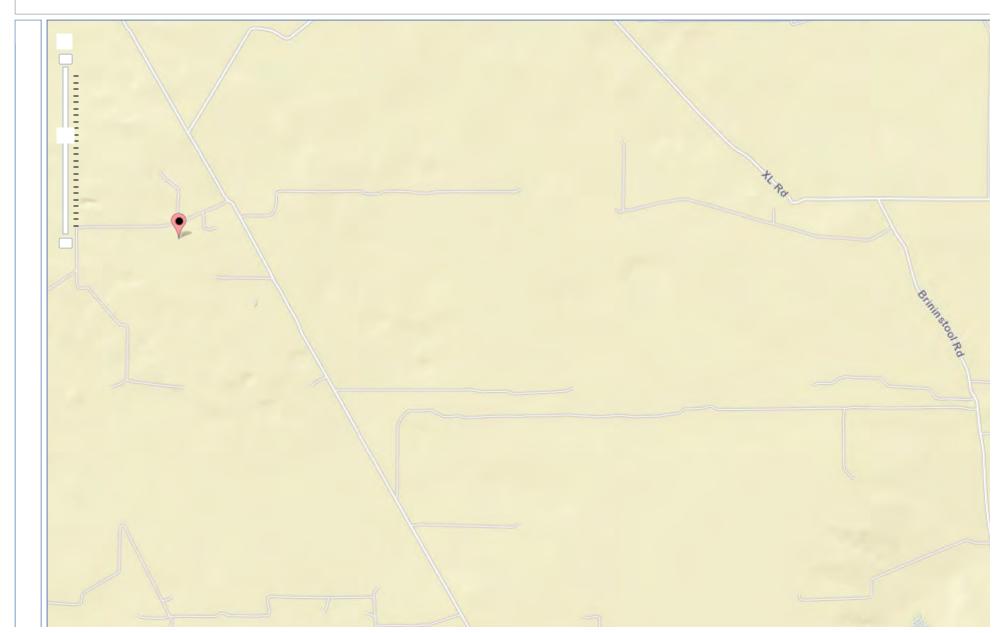
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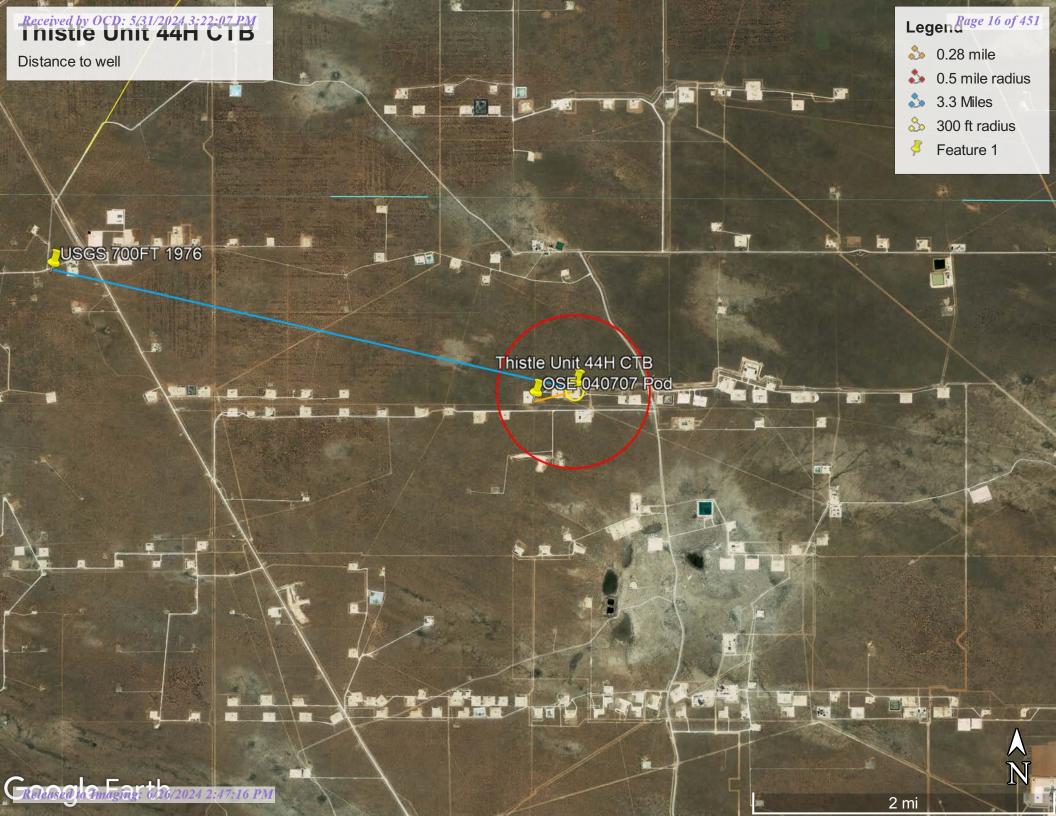
This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory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





National Water Information System: Mapper





TABLES

Table 1 **Summary of Soil Analytical Data - Delineation Samples** Thistle 44H CTB 1 - nAPP2201362323 **Devon Energy Production Company** Lea County, New Mexico

										ТРН			
Sample ID	Sample Date	Depth	Benzene	Toluene	Ethylbenzene	Xylenes	ВТЕХ	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	Chloride
		(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
					Та	ble I Closure	Criteria for S	oil >100 feet	Depth to Grou	ndwater 19.15.29	NMAC		
			10 mg/kg				50 mg/kg			1,000 mg/kg		2,500 mg/kg	20,000 mg/kg
						Deferra	l Samples						
	9/28/2023	0-0.5'	2.58	17.8	5.63	37.1	63.1	999	6,480	7,479	1,510	8,989	160
	9/28/2023	1-1.5'	4.33	53	18.7	80.8	157	1,640	3,760	5,400	764	6,164	320
	9/28/2023	2-2.5'	1.65	21.9	9.06	41	73.6	658	1,720	2,378	347	2,725	320
	9/28/2023	3-3.5'	4.34	39.3	15.5	73.6	133	1,330	2,930	4,260	45	4,305	80
V-1	9/28/2023	4-4.5'	0.877	12.4	7.64	41.2	62.1	1,250	3,240	4,490	521	5,011	48
	11/10/2023	5-5.5'	<0.025	<0.025	<0.025	<0.025	<0.025	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
	11/10/2023	6-6.5'	<0.025	<0.025	<0.025	<0.025	<0.025	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
	11/10/2023	7-7.5'	<0.025	<0.025	<0.025	<0.025	<0.025	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
	11/10/2023	8-8.5'	<0.025	<0.025	<0.025	<0.025	<0.025	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
	9/28/2023	0-0.5'	<0.050	0.064	<0.050	<0.150	0.064	<10.0	77.6	77.6	11.3	88.9	272
	9/28/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
V-2	9/28/2023	2-2.5'	<0.050	< 0.050	<0.050	< 0.150	< 0.300	<10.0	25.3	25.3	<10.0	25.3	64
	9/28/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	352
	9/28/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	336
	9/28/2023	0-0.5'	<0.050	< 0.050	<0.050	< 0.150	< 0.300	<10.0	1,290	1,290	326	1,616	512
	9/28/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	920	920	241	1,161	688
V-3	9/28/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	42.9	42.9	<10.0	42.9	2,800
	9/28/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	13.3	13.3	<10.0	13.3	672
	9/28/2023	4-4.5'	<0.050	< 0.050	<0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3320
	9/28/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	18.8	18.8	<10.0	18.8	304
	9/28/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,230
V-4	9/28/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,840
	9/28/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,060
	9/28/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1550
	9/28/2023	0-0.5'	<0.050	1.31	3.27	16.7	21.3	452	4,740	5,192	801	5,993	2,120
V-5	9/28/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	146	146	22.2	168.2	528
V-5	9/28/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
	9/28/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	400
V-5	9/28/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256

Notes:

Released to Imaging: 6/26/2024 2:47:16 PM

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

SP-1 Sample Point Excavated

- 5. TPH analyses by EPA Method SW 8015 Mod.
- 6. GRO/DRO/MRO Gasoline/Diesel/Motor Oil
- 7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table I Closure Criteria for the site.
- 8. Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table I Closure Criteria for the site (Surface to 4 Feet Below Grade).
- 9. --- Not Analyzed

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Lea County, New Mexico

										TPH				
Sample ID	Sample Date	Depth	-	Benzene	Toluene	Ethylbenzene	Xylenes	ВТЕХ	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	Chloride
Sample 15	Sample Bate	(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
				Table I Closure Criteria for Soil >100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg				50 mg/kg			1,000 mg/kg		2,500 mg/kg	20,000 mg/kg	
			•			Confirmation	Base Sample	s						
CS-1	7/19/2023	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	2,090	2,090	4 97	2,587	240	
CS-1	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	34.5	34.5	<10.0	34.5	160	
CS-2	7/19/2023	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	926	926	170	1,096	400	
C3-2	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,000	
CS-3	7/19/2023	2.5'	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	379	379	73	4 52	112	
C3-3	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16	
CS-4	7/19/2023	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	2,140	2,140	599	2,739	704	
C5 4	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32	
CS-5	7/19/2023	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	4 22	4 22	64	4 86	144	
	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80	
CS-6	7/19/2023	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	247	247	4 7.7	294.7	128	
	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48	
CS-7	7/19/2023	2.5'	<0.050	0.170	0.146	0.989	1.31	33.2	1,350	1,383.2	252	1,635.2	48	
	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80	
CS-8	7/19/2023	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	329	329	108	437	80	
	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112	
CS-9	7/19/2023	2.5'	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	290	290	59.2	349.2	48	
00.10	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128	
CS-10	7/19/2023 7/19/2023	2.5' 2.5'	<0.050 <0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16	
CS-11	8/1/2023	4'		0.310	0.374	2.95	3.64	66.9	3,580	790	4,370	5,160	256	
CC 12		2.5'	<0.050 <0.050	<0.050 <0.050	<0.050	<0.150	<0.300	<10.0 <10.0	<10.0 13.3	<10.0 13.3	<10.0	<10.0 13.3	80 128	
CS-12	7/19/2023 7/19/2023	2.5 2.5'	<0.050 < 0.050	<0.050 <0.050	<0.050 < 0.050	<0.150 <0.150	<0.300 <0.300	<10.0 <10.0	13.3 166	13.3 166	<10.0 39.6	205.6		
CS-13	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,020 192	
	7/19/2023	2.5 ¹	<0.030 <0.050	<0.030 <0.050	<0.050 <0.050	<0.130 <0.150	<0.300 <0.300	<10.0 <10.0	915	915	183	1.098	864	
CS-14	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,600	
	7/19/2023	2.5'	<0.050 <0.050	<0.050 <0.050	<0.050 <0.050	<0.150 <0.150	<0.300 <0.300	<10.0 <10.0	473	4 73	83.5	556.5	1,880	
CS-15	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	368	
CS-16	7/19/2023	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	29.8	29.8	<10.0	29.8	96	
	7/19/2023	2.5'	<0.050 <0.050	<0.050 <0.050	<0.050 <0.050	<0.150 <0.150	<0.300 <0.300	<10.0 <10.0	436	436	80.9	516.9	1,420	
CS-17	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1.140	
	7/19/2023	2.5'	<0.050 <0.050	< 0.050	<0.050 <0.050	<0.150 <0.150	<0.300	<10.0 <10.0	1,750	1,750	401	2,151	1,660	
CS-18	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	288	
CS-19	7/19/2023	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240	
	7/19/2023	2.5 ¹	<0.050	< 0.050	< 0.050	< 0.150	<0.300	<10.0 <10.0	19	19	<10.0	19.0	864	
CS-20	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272	
CC 24	7/19/2023	2.5'	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	129	129	18.5	147.5	816	
CS-21	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48	
CC 22	7/19/2023	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	638	638	163	801	3,040	
CS-22	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	480	
CS-23	7/19/2023	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	912	912	226	1,138	2,720	
C3-23	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,100	
CS-24	7/19/2023	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	832	

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Lea County, New Mexico

	Sample Date									TPH						
Sample ID		Depth	Benzene	Toluene	Ethylbenzene	Xylenes	ВТЕХ	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	Chloride			
Sample 15	Sample Bate	(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)			
				Table I Closure Criteria for Soil >100 feet Depth to Groundwater 19.15.29 NMAC												
			10 mg/kg				50 mg/kg			1,000 mg/kg		2,500 mg/kg	20,000 mg/kg			
CS-24	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3,800			
66.35	7/19/2023	2.5'	<0.050	< 0.050	40.050	<0.150	<0.300	<10.0	2,890	2,890	768	3,658	960			
CS-25	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,070			
CS-26	7/19/2023	2.5'	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80			
CS-27	7/19/2023	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	628	628	142	770	64			
C3-27	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	528			
CS-28	7/19/2023	2.5'	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	44.9	44.9	<10.0	44.9	224			
CS-29	7/19/2023	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	16.9	16.9	<10.0	16.9	1,800			
C3-29	8/1/2023	4'	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	672			
CS-30	7/19/2023	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	12.4	12.4	<10.0	12.4	5,200			
C3-30	8/4/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176			
CS-31	7/19/2023	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	25.5	25.5	<10.0	25.5	4,240			
C3-31	8/1/2023	4'	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128			
CS-32	7/19/2023	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	169	169	27	196	352			
C3-32	8/1/2023	4'	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	177	177	58.4	235.4	160			
CS-33	7/19/2023	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	80.5	80.5	15.3	95.8	976			
CS-33 CS-34	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	512			
CS-34	7/19/2023	2.5'	<0.050	< 0.050	<0.050	<0.150	< 0.300	<10.0	47.4	47.4	<10.0	47.4	592			
CS-35	7/19/2023	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	583	583	239	822	432			
C3-33	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	336			
CS-36	7/19/2023	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	44.3	44.3	<10.0	44.3	496			
CS-37	7/19/2023	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	13.9	13.9	<10.0	13.9	1,300			
C3-37	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,150			
CS-38	7/19/2023	2.5'	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	1,280	1,280	381	1,661	4,800			
C3-36	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	384			
CS-39	7/19/2023	2.5'	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	12.7	12.7	<10.0	12.7	864			
C3-39	8/1/2023	4'	<0.050	< 0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	288			
CS-40	7/19/2023	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	57.8	57.8	<10.0	57.8	1,570			
C3-40	8/1/2023	4'	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	480			
CS-41	7/19/2023	2.5'	<0.050	< 0.050	<0.050	<0.150	< 0.300	<10.0	69	69	<10.0	69	448			
CS-42	7/19/2023	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	11.6	11.6	<10.0	11.6	832			
C3-42	8/1/2023	4'	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256			
CS-43	7/19/2023	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	33.5	33.5	<10.0	33.5	400			
CS-44	7/19/2023	2.5'	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	52.9	52.9	<10.0	52.9	320			
CS-45	7/19/2023	2.5'	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,760			
C3-43	8/1/2023	4'	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	688			
CS-46	7/19/2023	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	56.8	56.8	<10.0	56.8	1,810			
C5 40	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	912			
CS-47	7/19/2023	2.5'	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	77.9	77.9	15.6	93.5	1,070			
C3-47	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	336			
CS-48	7/19/2023	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	432			
CS-49	7/19/2023	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	880			
C3-49	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224			
CS-50	7/19/2023	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,640			

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										TPH					
Sample ID	Sample Date	Depth	Benzene	Toluene	Ethylbenzene	Xylenes	ВТЕХ	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	Chloride		
Sumple 12	Sample Bate	(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)		
			Table I Closure Criteria for Soil >100 feet Depth to Groundwater 19.15.29 NMAC												
			10 mg/kg				50 mg/kg			1,000 mg/kg		2,500 mg/kg	20,000 mg/kg		
CS-50	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	576		
CC F4	7/19/2023	2.5'	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	< 10.0	<10.0	<10.0	3,360		
CS-51	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,340		
CS-52	7/19/2023	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	992		
C3-52	8/1/2023	4'	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	6,960		
CS-53	7/19/2023	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	52.3	52.3	<10.0	52.3	1,760		
C3-33	8/1/2023	4'	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4,040		
CS-54	7/19/2023	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	352		
CS-55	7/19/2023	2.5'	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	60.8	60.8	10.5	71.3	976		
	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	896		
CS-56	7/19/2023	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	416		
CS-57	7/19/2023	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	14.9	14.9	<10.0	14.9	864		
CS-58	7/19/2023	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	607	607	231	838	3,360		
CS-59	7/19/2023	<u>3'</u>	<0.050	<0.050	< 0.050	<0.150	<0.300	<10.0	23.8	23.8	<10.0	23.8	1,720		
	8/1/2023	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	31.3	31.3	<10.0	31.3	752		
CS-60	7/19/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,640		
	8/1/2023	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	816		
CS-61	7/19/2023	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	11.3	11.3	<10.0	11.3	336		
CS-62	7/19/2023	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,010		
CS-63	7/19/2023	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	336		
CS-64	7/19/2023	3'	<0.050	< 0.050	< 0.050	< 0.150	<0.300	<10.0	22.9	22.9	<10.0	22.9	1,550		
	8/1/2023	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	720		
CS-65	7/19/2023	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	173	173	4 7.9	220.9	336		
	8/1/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	234	234 935	41	275	560 864		
CS-66	7/19/2023 8/1/2023	1 <u>'</u> 2 <u>'</u>	<0.050 <0.050	<0.050 <0.050	<0.050 <0.050	<0.150 <0.150	<0.300 <0.300	<10.0 <10.0	935 71.1	935 71.1	221 28.4	1,156 99.5	1,920		
C3-00	8/30/2023	<u></u> 4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	218	218	87.3	305.3	180		
CS-67	8/3/2023	4'	<0.0230	<0.0230	<0.0230	<0.0250	<0.0230	<10.0	<10.0	<10.0	<10.0	<10.0	1,410		
CS-68	8/3/2023	<u>4</u> 4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,020		
CS-69	8/3/2023	<u>4</u> 4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,600		
CS-69 CS-70	8/3/2023	<u>4</u> 4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	400		
CS-70 CS-71	8/3/2023	4' 4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1.440		
CS-71 CS-72	8/3/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0		
CS-73	8/3/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0		
CS-73	8/4/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0		
CS-75	8/4/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0		
CS-76	8/4/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0		
CS-77	8/4/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0		
CS-78	8/4/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	11.7	11.7	<10.0	11.7	16.0		
CS-79	8/4/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0		
CS-80	8/4/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	54.9	55.9	17.6	72.5	16.0		
CS-81	8/30/2023	2'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	26.3	26.3	<50.0	26.3	174		
CS-82	8/30/2023	2'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	28.7	28.7	<50.0	28.7	183		
CS-83	8/30/2023	2'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	142		

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Lea County, New Mexico

										ТРН					
Sample ID	Sample Date	Depth	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	Chloride		
•		(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)		
			Table I Closure Criteria for Soil >100 feet Depth to Groundwater 19.15.29 NMAC												
			10 mg/kg				50 mg/kg			1,000 mg/kg		2,500 mg/kg	20,000 mg/kg		
CS-84	8/30/2023	2'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	202		
CS-85	8/30/2023	2'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	179		
CS-86	8/30/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	202		
CS-87	8/30/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	25.4	25.4	<50.0	25.4	208		
CS-88	8/30/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	169		
CS-89	8/30/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	26.5	26.5	<50.0	26.5	201		
CS-90	8/30/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	27.6	27.6	<50.0	27.6	194		
CS-91	8/30/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	27.7	27.7	<50.0	27.7	192		
CS-92	8/30/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	26.4	26.4	<50.0	26.4	192		
CS-93	8/30/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	30	30	<50.0	30	167		
CS-94	8/30/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	159		
CS-95	8/30/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	36.4	36.4	<50.0	36.4	205		
CS-96	8/30/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	197		
CS-97	8/30/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0		
CS-98	8/30/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	137		
CS-99	8/30/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	< 0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	149		
CS-100	8/30/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	< 0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	425		
CS-101	8/30/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	328		
CS-102	8/30/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	470		
CS-103	8/30/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	23.3		
CS-104	8/30/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	105		
CS-105	8/30/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	35.5	35.5	<50.0	35.5	199		
CS-106	8/30/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	157		
	, ,			•			Sidewall Samp								
SW-1	7/19/2023	0 - 2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	4,170	4 ,170	1,440	5,610	1,220		
SW-1A	8/1/2023	0-4'	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,220		
SW-1B	8/30/2023	0-4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	213		
SW-2	7/19/2023	0 - 2.5'	<0.050	< 0.050	< 0.050	<0.150	<0.300	<10.0	115	115	29	144	64		
SW-2A	8/1/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	14.3	14.3	<10.0	14.3	128		
SW-3	7/19/2023	0 - 2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	16	16	<10.0	16	144		
SW-4	7/19/2023	0 - 2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	20.8	20.8	<10.0	20.8	240		
SW-5	7/19/2023	0 - 2.5'	<0.050	<0.050	< 0.050	< 0.150	<0.300	<10.0	235	235	36.2	271.2	48		
SW-5A	8/1/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48		
SW-6	7/19/2023	0 - 2.5'	<0.050	< 0.050	< 0.050	< 0.150	<0.300	<10.0	288	288	108	396	240		
SW-6A	8/1/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32		
SW-7	7/19/2023	0-2.5	<0.050	<0.050	< 0.050	<0.150	<0.300	<10.0	210	210	56.4	266.4	1,120		
SW 7A	8/1/2023	0 4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,420		
SW-7B	8/30/2023	0-4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	37.9	37.9	<50.0	37.9	172		
SW-8	7/19/2023	0 - 2.5'	<0.050	<0.050	< 0.050	< 0.150	<0.300	<10.0	2,460	2,460	595	3,055	4,320		
SW-8A	8/1/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64		
SW-9	7/19/2023	0 2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	799	799	271	1,070	2,320		
SW-9A	8/1/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64		
SW-10	7/19/2023	0-2.5	<0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	138	138	79.7	217.7	1,220		
SW-10A	8/1/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	544		

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Lea County, New Mexico

										TPH				
Sample ID	Sample Date	Depth	Benzene	Toluene	Ethylbenzene	Xylenes	ВТЕХ	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	Chloride	
		(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
				Table I Closure Criteria for Soil >100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg				50 mg/kg			1,000 mg/kg		2,500 mg/kg	20,000 mg/kg	
SW-11	7/19/2023	0 - 2.5'	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	488	488	187	675	4,720	
SW-11A	8/1/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	368	
SW-12	7/19/2023	0 - 2.5'	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	349	349	124	4 73	1,490	
SW-12A	8/1/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176	
SW 13	7/19/2023	0 2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	19.9	3,790	3,809.9	769	4 ,578.9	7,400	
SW-13A	8/1/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	912	
SW-13B	8/30/2023	0-4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	186	
SW-14	7/19/2023	0 - 2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	42.5	42.5	16.1	58.6	192	
SW-15	7/19/2023	0 - 2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	212	212	52	26 4	3,160	
SW-15∧	8/1/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4,040	
SW-15B	8/30/2023	0-4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	198	
SW 16	7/19/2023	0 2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	104	10 4	4 5.6	149.6	352	
SW-16A	8/1/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	656	
SW-16B	8/30/2023	0-4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	167	
SW-17	7/19/2023	0 - 2.5'	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	3,610	3,610	970	4,580	8,800	
SW 17A	8/1/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,840	
SW-17B	8/30/2023	0-4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	32.7	32.7	<50.0	32.7	192	
SW-18	7/19/2023	0 - 5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	71.5	71.5	25.1	96.6	1,440	
SW-18A	8/1/2023	0 - 5'	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	624	
SW-18B	8/30/2023	0-5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	29.1	29.1	<50.0	29.1	199	
SW-19	7/19/2023	0 - 5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	96.0	96.0	35.5	131.5	1,070	
SW-19A	8/1/2023	0 - 5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	384	
SW 20	7/19/2023	0 1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	44 9	44 9	195	644	752	
SW-20A	8/1/2023	0-2'	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	12.8	12.8	<10.0	12.8	1,170	
SW-20B	8/30/2023	0-5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	27.7	27.7	<50.0	27.7	192	
SW-21	7/19/2023	0 - 3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	2,030	2,030	670	2,700	3,360	
SW-21A	8/1/2023	0 - 5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	37.3	37.3	<10.0	37.3	576	
SW-22	7/19/2023	2.5 - 5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	544	
SW-23	7/19/2023	3 - 5'	<0.050	<0.050	< 0.050	<0.150	<0.300	<10.0	20.2	20.2	<10.0	20.2	656	
SW 24	7/19/2023	1 5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	800	800	270	1,070	1,180	
SW-24A	8/1/2023	2 - 5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	736	
SW-25	7/19/2023	1-3'	<0.050	< 0.050	< 0.050	<0.150	<0.300	<10.0	1,150	1,150	330	1,480	480	
SW-26	8/3/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,120	
SW-27	8/3/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,760	
SW-28	8/3/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	16.6	16.6	<10.0	16.6	3,920	
SW-29	8/3/2023	0-4'	<0.050	0.682	0.860	7.76	9.31	380.0	5,840	6,220	1,120	7,340	496	
SW-30	8/3/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	11.9	641	652.9	175	827.9	672	
SW-31	8/3/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	10.5	10.5	<10.0	10.5	6,000	
SW-32	8/3/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	587	587	174	761	2,400	
SW-33	8/3/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,710	
SW-34	8/3/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	39.2	39.2	<10.0	39.2	2,000	
SW-35	8/3/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4,000	
SW-36	8/3/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,550	
SW-37	8/3/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	163	163	36.1	199.1	784	
SW-38	8/3/2023	0-4'	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,280	

NTGE Project Number: 237481

Received by OCD: 5/31/2024 3:22:07 PM

Table 2 Summary of Soil Analytical Data - Confirmation Samples Thistle 44H CTB 1 Devon Energy Production Company

von Energy Production Compa Lea County, New Mexico

Sample ID		Depth			Ethylbenzene								
	Sample Date			Toluene		Xylenes	втех	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	Chloride
		(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
					Та	ble I Closure	Criteria for So	oil >100 feet l	Depth to Grou	ndwater 19.15.29	NMAC		
			10 mg/kg				50 mg/kg		-	1,000 mg/kg		2,500 mg/kg	20,000 mg/kg
SW-39	8/3/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,760
SW-40	8/3/2023	0-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-41	8/3/2023	0-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
SW-42	8/30/2023	0-2'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	190
SW-43	8/4/2023	0.5-2'	< 0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-44	8/4/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-45	8/4/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-46	8/4/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-47	8/30/2023	0-5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	30.7
SW-48	8/30/2023	0-5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	39.5

Notes:

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

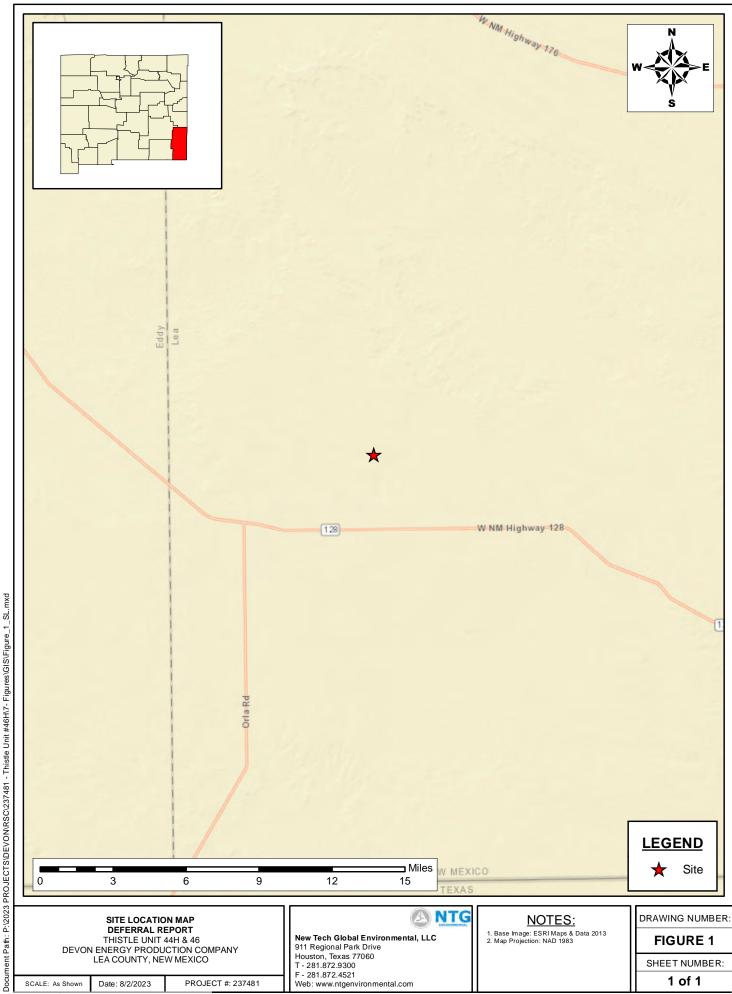
SP-1 Sample Point Excavated

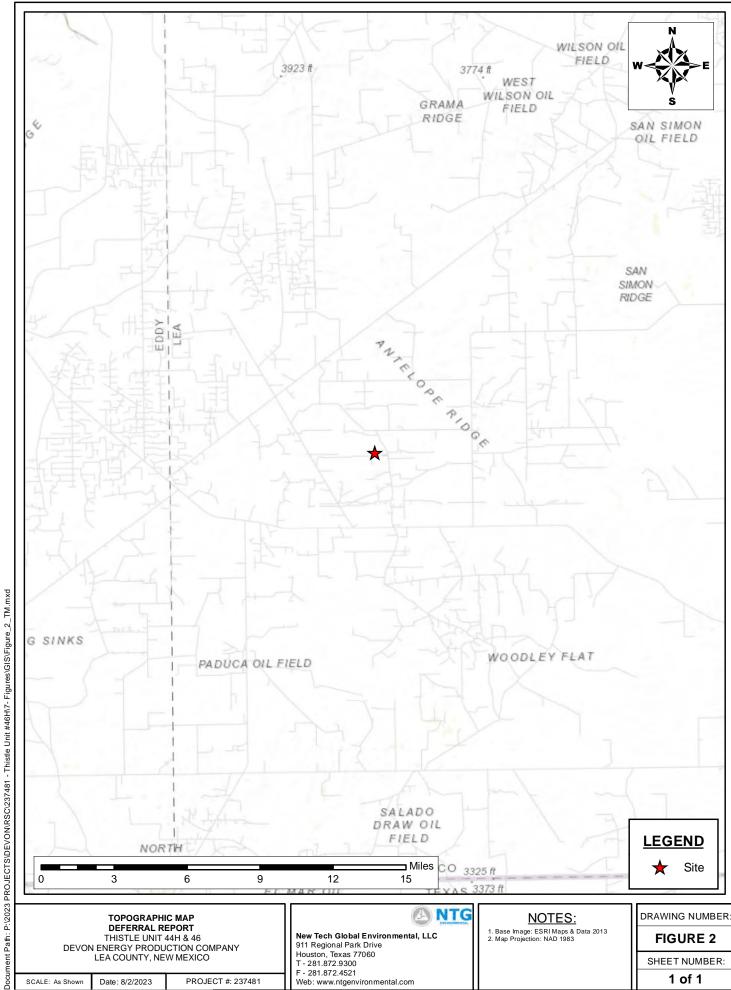
- 5. TPH analyses by EPA Method SW 8015 Mod.
- 6. GRO/DRO/MRO Gasoline/Diesel/Motor Oil
- 7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table I Closure Criteria for the site.
- 8. Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table I Closure Criteria for the site (Surface to 4 Feet Below Grade).

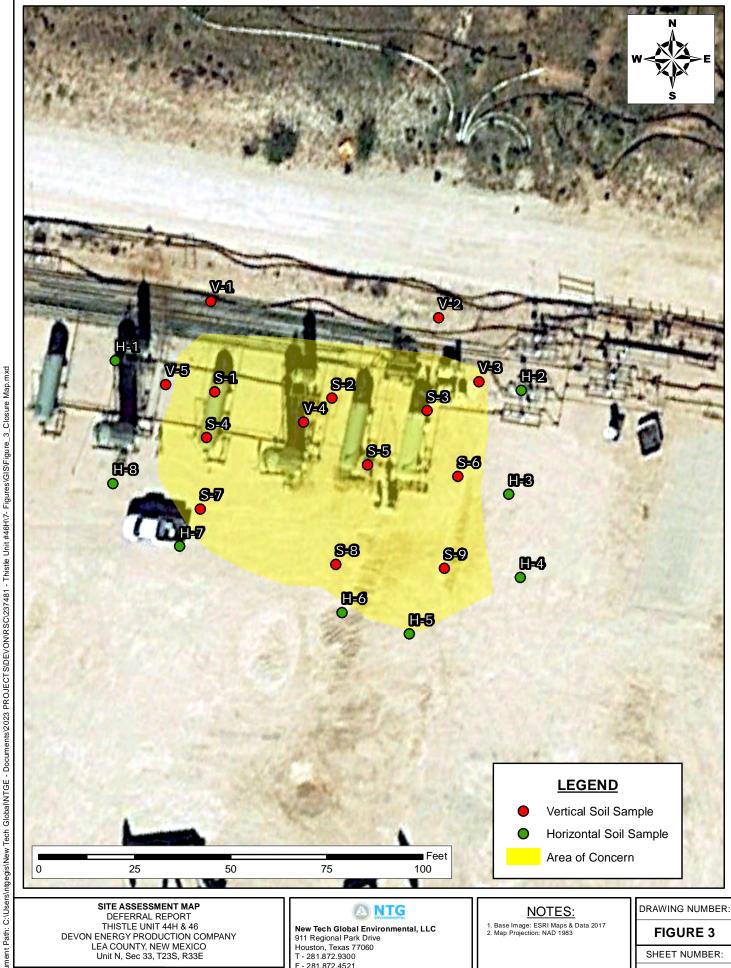
9. --- Not Analyzed

NTGE Project Number: 237481

FIGURES







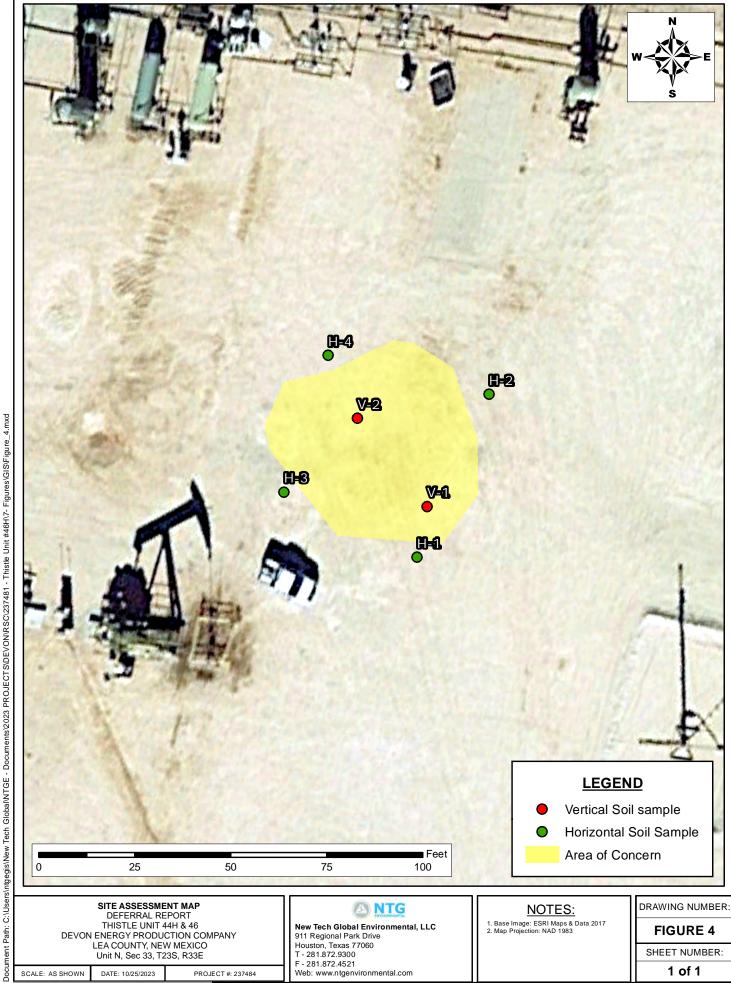
Unit N, Sec 33, T23S, R33E SCALE: AS SHOWN DATE: 10/25/2023 PROJECT #: 237484 New Tech Global Environmental, LLC 911 Regional Park Drive Houston, Texas 77060

T - 281.872.9300 F - 281.872.4521 Web: www.ntgenvironmental.com Base Image: ESRI Maps & Data 2017
 Map Projection: NAD 1983

FIGURE 3

SHEET NUMBER:

1 of 1



T - 281.872.9300

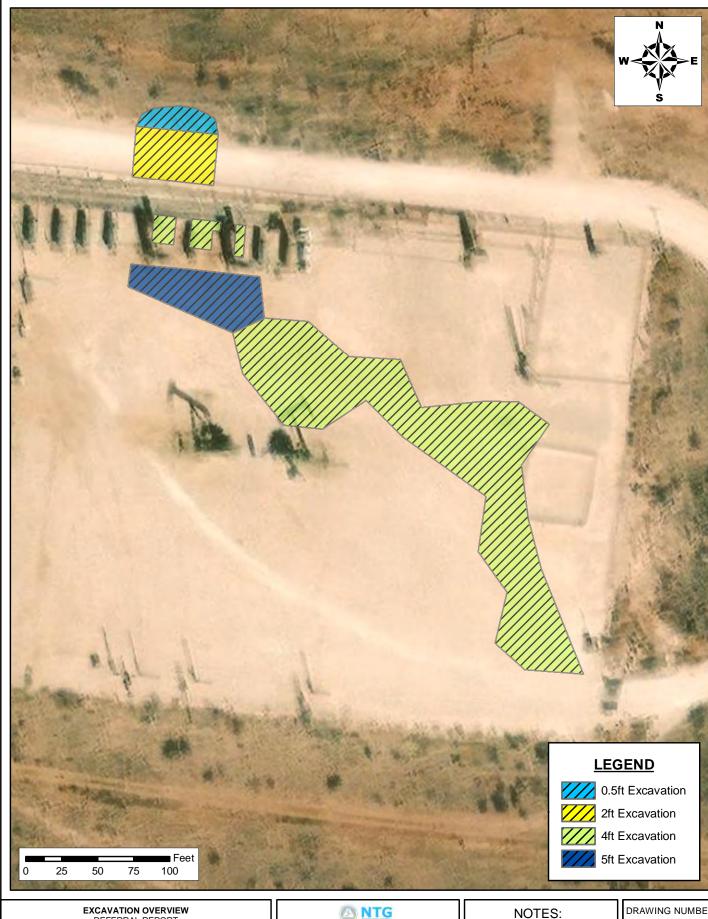
F - 281.872.4521 Web: www.ntgenvironmental.com

SCALE: AS SHOWN DATE: 10/25/2023 PROJECT #: 237484 Released to Imaging: 6/26/2024 2:47:16 PM

FIGURE 4

SHEET NUMBER:

1 of 1



EXCAVATION OVERVIEW

DEFERRAL REPORT
THISTLE UNIT 44H & 46
DEVON ENERGY PRODUCTION COMPANY
LEA COUNTY, NEW MEXICO
Unit N, Sec 33, T23S, R33E

SCALE: AS SHOWN DATE: 10/25/2023

PROJECT #: 237484

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:

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

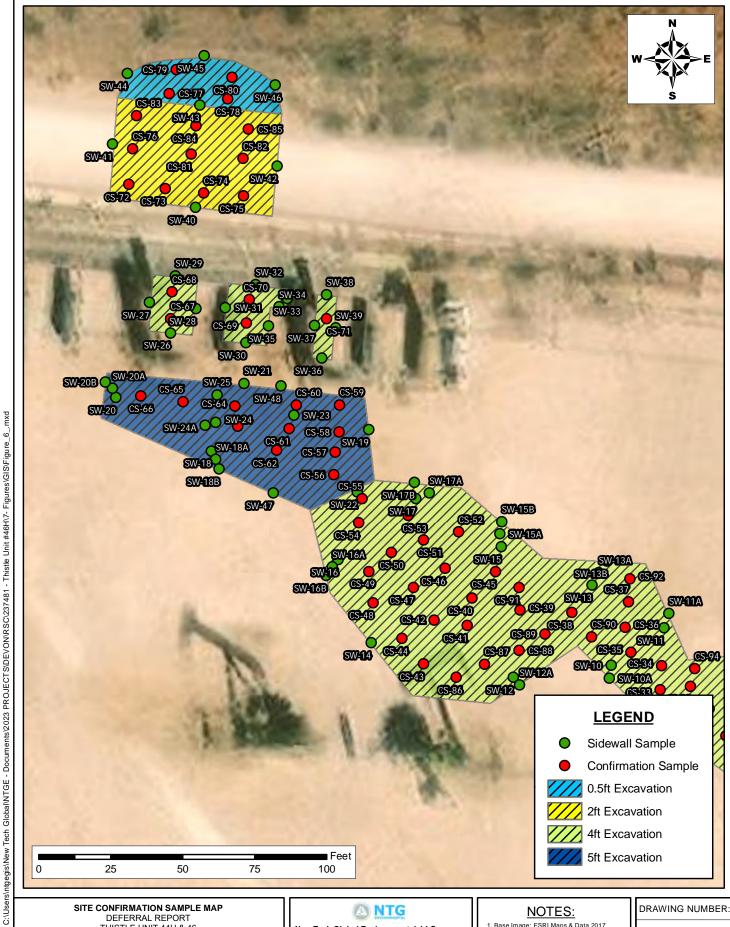
DRAWING NUMBER:

FIGURE 5

SHEET NUMBER:

1 of 1

Document Path: C.\Users\ntgegis\New Tech Global\NTGE - Documents\2023 PROJECTS\DEVON\RSC\237481 - Thiste Unit #46H\7- Figure_5_0-erview.mxd



DEFERRAL REPORT

THISTLE UNIT 44H & 46
DEVON ENERGY PRODUCTION
COMPANY LEA COUNTY, NEW MEXICO Unit N, Sec 33, T23S, R33E

DATE: 10/25/2023 PROJECT #: 237484

A NTG

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

NOTES:

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

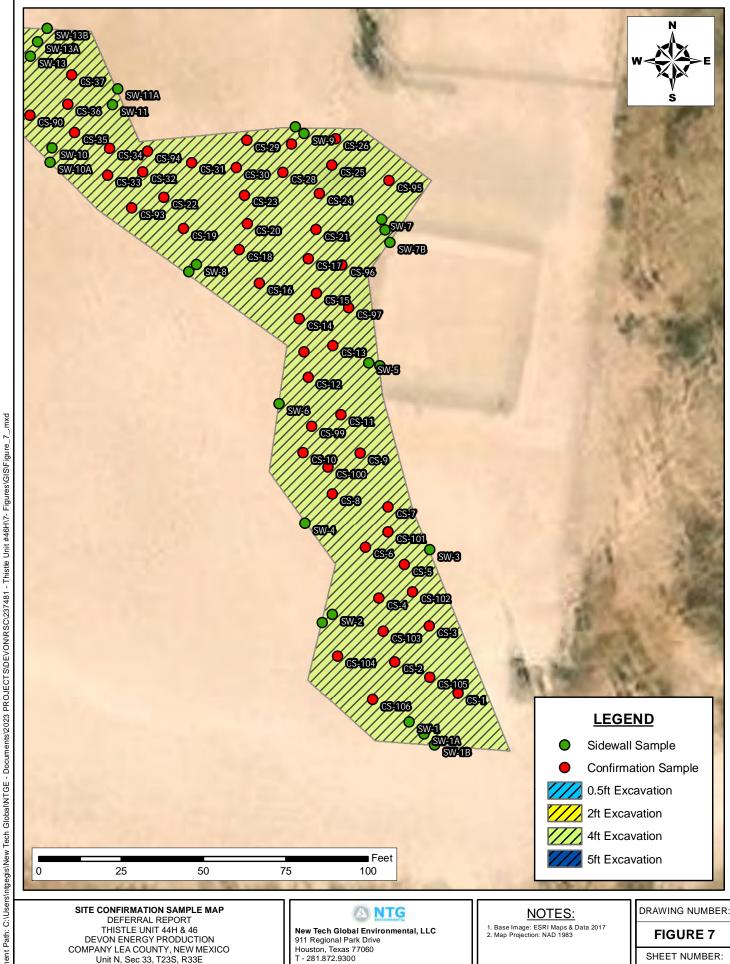
FIGURE 6

SHEET NUMBER:

1 of 1

SCALE: AS SHOWN

ent Path:



911 Regional Park Drive Houston, Texas 77060

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Unit N, Sec 33, T23S, R33E

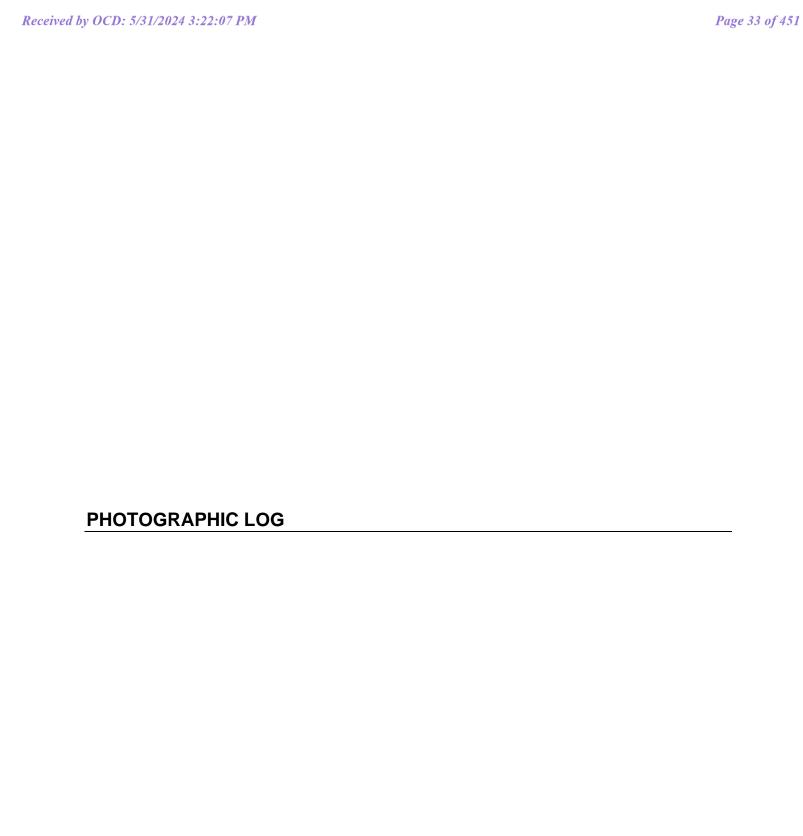
PROJECT #: 237484

DATE: 10/25/2023

FIGURE 7

SHEET NUMBER:

1 of 1



PHOTOGRAPHIC LOG

Devon Energy Production Company

Photograph No. 1

Facility:

Thistle Unit 44H CTB

County:

Lea County, New Mexico

Description: Area of impact.



Photograph No. 2

Facility:

Thistle Unit 44H CTB

County:

Lea County, New Mexico

Description: Area of impact.



Photograph No. 3

Facility:

Thistle Unit 44H CTB

County:

Lea County, New Mexico

Description:

Area of impact.



PHOTOGRAPHIC LOG

Devon Energy Production Company

Photograph No. 4

Facility:

Thistle Unit 44H CTB

County:

Lea County, New Mexico

Description:

View of the excavation



Photograph No. 5

Facility:

Thistle Unit 44H CTB

County:

Lea County, New Mexico

Description:

View of the excavation



Photograph No. 6

Facility:

Thistle Unit 44H CTB

County:

Lea County, New Mexico

Description:

View of the excavation



PHOTOGRAPHIC LOG

Devon Energy Production Company

Photograph No. 7

Facility:

Thistle Unit 44H CTB

County:

Lea County, New Mexico

Description:

View of the excavation



Photograph No. 8

Facility:

Thistle Unit 44H CTB

County:

Lea County, New Mexico

Description:

View of the excavation



Photograph No. 9

Facility:

Thistle Unit 44H CTB

County:

Lea County, New Mexico

Description:

View of the excavation



PHOTOGRAPHIC LOG

Devon Energy Production Company

Photograph No. 10

Facility:

Thistle Unit 44H CTB

County:

Lea County, New Mexico

Description:

View of the excavation



Photograph No. 11

Facility:

Thistle Unit 44H CTB

County:

Lea County, New Mexico

Description:

View of the excavation



Photograph No. 12

Facility:

Thistle Unit 44H CTB

County:

Lea County, New Mexico

Description:

View of the excavation



NTGE Project No. 237481 Prepared by:

PHOTOGRAPHIC LOG

Devon Energy Production Company

Photograph No. 13

Facility:

Thistle Unit 44H CTB

County:

Lea County, New Mexico

Description:

View of the excavation



Photograph No. 14

Facility:

Thistle Unit 44H CTB

County:

Lea County, New Mexico

Description:

View of the excavation



Photograph No. 15

Facility:

Thistle Unit 44H CTB

County:

Lea County, New Mexico

Description:

View of the excavation



PHOTOGRAPHIC LOG

Devon Energy Production Company

Photograph No. 16

Facility:

Thistle Unit 44H CTB

County:

Lea County, New Mexico

Description:

View of the excavation



Photograph No. 17

Facility:

Thistle Unit 44H CTB

County:

Lea County, New Mexico

Description:

View of the excavation



Facility:

Thistle Unit 44H CTB

County:

Lea County, New Mexico

Description:

View of the excavation



Received by OCD: 5/31/2024 3:22:07 PM	Page 40 of 451
LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS	

Kellan Smith

From: Ethan Sessums

Sent: Wednesday, November 15, 2023 3:29 PM

To: Kellan Smith

Subject: FW: Sampling Notification

Ethan Sessums
Project Manager
NTG Environmental New Mexico
209 W McKay St, Carlsbad, NM 88220
M: 254-266-5456 W: 432-701-2159

Email: esessums@ntglobal.com http://www.ntgenvironmental.com/



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From: Ethan Sessums

Sent: Monday, July 17, 2023 9:05 AM

To: Enviro, OCD, EMNRD < OCD.Enviro@emnrd.nm.gov> **Cc:** NTG Env Carlsbad < ntg_env_carlsbad@ntglobal.com>

Subject: Sampling Notification

NTGE on behalf of DEVON will be conducting a confirmation sampling event starting Wednesday the 19th at 12p.m. MDT persisting through the week until Friday the 21st end of business.

Associated Incidents:

NAPP2201362323	Thistle Unit 44H CTB
nAPP2314547818	Thistle Unit 46
nAPP2301125598	Mesquite Booster Line

Ethan Sessums
Project Manager
NTG Environmental New Mexico
209 W McKay St, Carlsbad, NM 88220
M: 254-266-5456 W: 432-701-2159

Email: esessums@ntglobal.com http://www.ntgenvironmental.com/



Kellan Smith

From: Ethan Sessums

Sent: Wednesday, November 15, 2023 3:29 PM

To: Kellan Smith

Subject: FW: [EXTERNAL] Sampling Notification

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



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From: Ethan Sessums

Sent: Friday, July 28, 2023 1:33 PM

To: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>

Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>

Subject: RE: [EXTERNAL] Sampling Notification

Thank you!

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



From: Wells, Shelly, EMNRD < Shelly. Wells@emnrd.nm.gov>

Sent: Friday, July 28, 2023 1:32 PM

To: Ethan Sessums < ESessums@ntglobal.com>

Cc: Bratcher, Michael, EMNRD < mike.bratcher@emnrd.nm.gov >; Velez, Nelson, EMNRD < Nelson.Velez@emnrd.nm.gov >

Subject: RE: [EXTERNAL] Sampling Notification

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

Hi Ethan,

Notification requirements are **two business days**, per rule. You may proceed on your schedule. This, and all correspondence, should be included in the closure report to ensure inclusion in the project file.

Thank you,

Shelly

Shelly Wells * Environmental Specialist-Advanced Administrative Permitting Program EMNRD-Oil Conservation Division 1220 S. St. Francis Drive|Santa Fe, NM 87505 (505)469-7520|Shelly.Wells@emnrd.nm.govhttp://www.emnrd.state.nm.us/OCD/

From: Ethan Sessums < ESessums@ntglobal.com>

Sent: Friday, July 28, 2023 12:59 PM

To: Enviro, OCD, EMNRD < OCD. Enviro@emnrd.nm.gov>

Subject: [EXTERNAL] Sampling Notification

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

NTGE on behalf of DEVON will be conducting a confirmation sampling event starting Tuesday the 1st at 12p.m. MDT persisting through the week until Friday the 4th end of business.

Associated Incidents:

NAPP2201362323	Thistle Unit 44H CTB
nAPP2314547818	Thistle Unit 46
nAPP2301125598	Mesquite Booster Line

Ethan Sessums
Project Manager
NTGE New Mexico
209 W McKay St. Carlsbad, NM 88220
M: (254)-266-5456 W: (432)-701-2159

Email: esessums@ntglobal.com

Air Quality Compliance | EHS Management | Environmental Due Diligence & Audits | Midstream Compliance | Regulatory Compliance & Permitting | <u>Site Assessment</u>, <u>Remediation & Site Closure</u> | Water Quality & Natural Resources

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Kellan Smith

From: Ethan Sessums

Sent: Wednesday, November 15, 2023 3:28 PM

To: Kellan Smith

Subject: FW: Sampling Notification

Ethan Sessums
Project Manager
NTG Environmental New Mexico
209 W McKay St, Carlsbad, NM 88220
M: 254-266-5456 W: 432-701-2159

Email: <u>esessums@ntglobal.com</u> http://www.ntgenvironmental.com/



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From: Ethan Sessums < ESessums@ntglobal.com>

Sent: Sunday, August 27, 2023 2:01 PM

To: NTG Env Carlsbad < ntg env carlsbad@ntglobal.com >

Subject: Fwd: Sampling Notification

Ethan Sessums Project Manager NTGE New Mexico 209 W McKay St. Carlsbad, NM 88220 M: (254)-266-5456 W: (432)-701-2159

Email: esessums@ntglobal.com

Air Quality Compliance | EHS Management | Environmental Due Diligence & Audits | Midstream Compliance | Regulatory Compliance & Permitting | <u>Site Assessment</u>, <u>Remediation & Site Closure</u> | Water Quality & Natural Resources

From: Ethan Sessums

Sent: Sunday, August 27, 2023 2:01:12 PM

To: Enviro, OCD, EMNRD < OCD. Enviro@emnrd.nm.gov>

Subject: Sampling Notification

NTGE on behalf of DEVON will be conducting a confirmation sampling event starting Wednesday the 30th at or around 10 a.m. MDT persisting throughout the week until Friday the 1st end of business.

Associated Incidents:

NAPP2201362323	Thistle Unit 44H CTB
nAPP2314547818	Thistle Unit 46
nAPP2301125598	Mesquite Booster Line

Ethan Sessums Project Manager NTGE New Mexico 209 W McKay St. Carlsbad, NM 88220

M: (254)-266-5456 W: (432)-701-2159

Email: esessums@ntglobal.com

Air Quality Compliance | EHS Management | Environmental Due Diligence & Audits | Midstream Compliance | Regulatory Compliance & Permitting | <u>Site Assessment</u>, <u>Remediation & Site Closure</u> | Water Quality & Natural Resources



June 09, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: THISTLE 46

Enclosed are the results of analyses for samples received by the laboratory on 06/07/23 16:40.

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

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

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

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

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

Method EPA 552.2 Total Haloacetic Acids (HAA-5)

Celey D. Keene

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

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C

MIDLAND TX, 79706

Project: THISTLE 46
Project Number: 237334

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 09-Jun-23 16:55

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
V - 1 (0-1)	H232922-01	Soil	07-Jun-23 00:00	07-Jun-23 16:40
V - 1 (1-1.5)	H232922-02	Soil	07-Jun-23 00:00	07-Jun-23 16:40
V - 1 (2-2.5)	H232922-03	Soil	07-Jun-23 00:00	07-Jun-23 16:40
V - 1 (3-3.5)	H232922-04	Soil	07-Jun-23 00:00	07-Jun-23 16:40
V - 2 (0-1)	H232922-05	Soil	07-Jun-23 00:00	07-Jun-23 16:40
V - 2 (1-1.5)	H232922-06	Soil	07-Jun-23 00:00	07-Jun-23 16:40
V - 2 (2-2.5)	H232922-07	Soil	07-Jun-23 00:00	07-Jun-23 16:40
H - 1	H232922-08	Soil	07-Jun-23 00:00	07-Jun-23 16:40
H - 2	H232922-09	Soil	07-Jun-23 00:00	07-Jun-23 16:40
H - 3	H232922-10	Soil	07-Jun-23 00:00	07-Jun-23 16:40
H - 4	H232922-11	Soil	07-Jun-23 00:00	07-Jun-23 16:40

06/09/23 - Client changed the project name (see COC). This is the revised report and will replace the one sent on 06/08/23.

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Celey D. Keine



Analytical Results For:

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

Project: THISTLE 46 Project Number: 237334

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 09-Jun-23 16:55

V-1 (0-1)H232922-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes		
			Cardina	al Laborat	ories							
Inorganic Compounds												
Chloride	1220		16.0	mg/kg	4	3060822	AC	08-Jun-23	4500-Cl-B			
Volatile Organic Compounds b	oy EPA Method	8021										
Benzene*	9.17		2.00	mg/kg	2000	3060801	MS	08-Jun-23	8021B			
Toluene*	155		2.00	mg/kg	2000	3060801	MS	08-Jun-23	8021B			
Ethylbenzene*	64.3		2.00	mg/kg	2000	3060801	MS	08-Jun-23	8021B			
Total Xylenes*	252		6.00	mg/kg	2000	3060801	MS	08-Jun-23	8021B			
Total BTEX	480		12.0	mg/kg	2000	3060801	MS	08-Jun-23	8021B			
Surrogate: 4-Bromofluorobenzene (PID)			125 %	71.5	-134	3060801	MS	08-Jun-23	8021B			
Petroleum Hydrocarbons by G	GC FID									S-04		
GRO C6-C10*	3860		10.0	mg/kg	1	3060805	MS	08-Jun-23	8015B	_		
DRO >C10-C28*	8820		10.0	mg/kg	1	3060805	MS	08-Jun-23	8015B			
EXT DRO >C28-C36	1320		10.0	mg/kg	1	3060805	MS	08-Jun-23	8015B			
Surrogate: 1-Chlorooctane			513 %	48.2	-134	3060805	MS	08-Jun-23	8015B			
Surrogate: 1-Chlorooctadecane			280 %	49.1	-148	3060805	MS	08-Jun-23	8015B			

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE 46
Project Number: 237334
Project Manager: ETHAN SESSUMS

Reported: 09-Jun-23 16:55

- -

Fax To:

V - 1 (1-1.5) H232922-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	1520		16.0	mg/kg	4	3060822	AC	08-Jun-23	4500-Cl-B	
Volatile Organic Compounds I	8021								S-04	
Benzene*	0.623		0.200	mg/kg	200	3060801	MS	08-Jun-23	8021B	
Toluene*	14.1		0.200	mg/kg	200	3060801	MS	08-Jun-23	8021B	
Ethylbenzene*	9.27		0.200	mg/kg	200	3060801	MS	08-Jun-23	8021B	
Total Xylenes*	40.2		0.600	mg/kg	200	3060801	MS	08-Jun-23	8021B	
Total BTEX	64.2		1.20	mg/kg	200	3060801	MS	08-Jun-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		159 %	71.5	-134	3060801	MS	08-Jun-23	8021B	
Petroleum Hydrocarbons by C	GC FID									S-04
GRO C6-C10*	607		10.0	mg/kg	1	3060805	MS	08-Jun-23	8015B	
DRO >C10-C28*	4030		10.0	mg/kg	1	3060805	MS	08-Jun-23	8015B	
EXT DRO >C28-C36	689		10.0	mg/kg	1	3060805	MS	08-Jun-23	8015B	
Surrogate: 1-Chlorooctane			140 %	48.2	-134	3060805	MS	08-Jun-23	8015B	
Surrogate: 1-Chlorooctadecane			149 %	49.1	-148	3060805	MS	08-Jun-23	8015B	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE 46
Project Number: 237334

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 09-Jun-23 16:55

V - 1 (2-2.5) H232922-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	448		16.0	mg/kg	4	3060822	AC	08-Jun-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Surrogate: 4-Bromofluorobenzene (PII	D)		106 %	71.5	-134	3060802	JH/	08-Jun-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3060805	MS	08-Jun-23	8015B	
DRO >C10-C28*	38.4		10.0	mg/kg	1	3060805	MS	08-Jun-23	8015B	
EXT DRO >C28-C36	12.0		10.0	mg/kg	1	3060805	MS	08-Jun-23	8015B	
Surrogate: 1-Chlorooctane			90.5 %	48.2-	-134	3060805	MS	08-Jun-23	8015B	
Surrogate: 1-Chlorooctadecane			96.9 %	49.1	-148	3060805	MS	08-Jun-23	8015B	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE 46
Project Number: 237334
Project Manager: ETHAN SESSUMS

Reported: 09-Jun-23 16:55

Fax To:

V - 1 (3-3.5) H232922-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	192		16.0	mg/kg	4	3060822	AC	08-Jun-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Surrogate: 4-Bromofluorobenzene (PI	D)		107 %	71.5	-134	3060802	JH/	08-Jun-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3060806	MS	08-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3060806	MS	08-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3060806	MS	08-Jun-23	8015B	
Surrogate: 1-Chlorooctane			101 %	48.2	-134	3060806	MS	08-Jun-23	8015B	
Surrogate: 1-Chlorooctadecane			106 %	49.1	-148	3060806	MS	08-Jun-23	8015B	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE 46
Project Number: 237334
Project Manager: ETHAN SESSUMS

46 Reported: 09-Jun-23 16:55

Fax To:

V - 2 (0-1) H232922-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	10000		16.0	mg/kg	4	3060822	AC	08-Jun-23	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	ID)		112 %	71.5	-134	3060802	JH/	08-Jun-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3060806	MS	08-Jun-23	8015B	
DRO >C10-C28*	627		10.0	mg/kg	1	3060806	MS	08-Jun-23	8015B	
EXT DRO >C28-C36	125		10.0	mg/kg	1	3060806	MS	08-Jun-23	8015B	
Surrogate: 1-Chlorooctane			118 %	48.2	-134	3060806	MS	08-Jun-23	8015B	
Surrogate: 1-Chlorooctadecane			142 %	49.1	-148	3060806	MS	08-Jun-23	8015B	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE 46
Project Number: 237334

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 09-Jun-23 16:55

V - 2 (1-1.5) H232922-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	960		16.0	mg/kg	4	3060822	AC	08-Jun-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		110 %	71.5	-134	3060802	JH/	08-Jun-23	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3060806	MS	08-Jun-23	8015B	
DRO >C10-C28*	75.7		10.0	mg/kg	1	3060806	MS	08-Jun-23	8015B	
EXT DRO >C28-C36	52.3		10.0	mg/kg	1	3060806	MS	08-Jun-23	8015B	
Surrogate: 1-Chlorooctane			109 %	48.2	-134	3060806	MS	08-Jun-23	8015B	
Surrogate: 1-Chlorooctadecane			118 %	49.1	-148	3060806	MS	08-Jun-23	8015B	

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Celey D. Keene, Lab Director/Quality Manager

Reported:



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

Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE 46
Project Number: 237334
Project Manager: ETHAN SESSUMS

4 09-Jun-23 16:55

Fax To:

V - 2 (2-2.5) H232922-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	192		16.0	mg/kg	4	3060822	AC	08-Jun-23	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Surrogate: 4-Bromofluorobenzene (Pi	(D)		111 %	71.5	-134	3060802	JH/	08-Jun-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3060806	MS	08-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3060806	MS	08-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3060806	MS	08-Jun-23	8015B	
Surrogate: 1-Chlorooctane			112 %	48.2	-134	3060806	MS	08-Jun-23	8015B	
Surrogate: 1-Chlorooctadecane			114 %	49.1	-148	3060806	MS	08-Jun-23	8015B	

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Celey D. Keene

Reported:



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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE 46
Project Number: 237334
Project Manager: ETHAN SESSUMS

09-Jun-23 16:55

Fax To:

H - 1 H232922-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	176		16.0	mg/kg	4	3060822	AC	08-Jun-23	4500-Cl-B	
Volatile Organic Compound	ls by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Surrogate: 4-Bromofluorobenzene (F	PID)		111 %	71.5	-134	3060802	JH/	08-Jun-23	8021B	
Petroleum Hydrocarbons by	y GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3060806	MS	08-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3060806	MS	08-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3060806	MS	08-Jun-23	8015B	
Surrogate: 1-Chlorooctane			94.4 %	48.2	-134	3060806	MS	08-Jun-23	8015B	
Surrogate: 1-Chlorooctadecane			96.5 %	49.1	-148	3060806	MS	08-Jun-23	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE 46
Project Number: 237334
Project Manager: ETHAN SESSUMS

Reported: 09-Jun-23 16:55

Fax To:

H - 2 H232922-09 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	tories					
Inorganic Compounds										
Chloride	352		16.0	mg/kg	4	3060822	AC	08-Jun-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Surrogate: 4-Bromofluorobenzene (PIL))		110 %	71.5	-134	3060802	JH/	08-Jun-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3060806	MS	08-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3060806	MS	08-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3060806	MS	08-Jun-23	8015B	
Surrogate: 1-Chlorooctane			117 %	48.2	-134	3060806	MS	08-Jun-23	8015B	
Surrogate: 1-Chlorooctadecane			125 %	49.1	-148	3060806	MS	08-Jun-23	8015B	

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Celeg D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE 46
Project Number: 237334
Project Manager: ETHAN SESSUMS

Reported: 09-Jun-23 16:55

Fax To:

H - 3 H232922-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	160		16.0	mg/kg	4	3060822	AC	08-Jun-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Surrogate: 4-Bromofluorobenzene (PIL))		107 %	71.5	-134	3060802	JH/	08-Jun-23	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3060807	MS	08-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3060807	MS	08-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3060807	MS	08-Jun-23	8015B	
Surrogate: 1-Chlorooctane			90.5 %	48.2	-134	3060807	MS	08-Jun-23	8015B	
Surrogate: 1-Chlorooctadecane			90.9 %	49.1	-148	3060807	MS	08-Jun-23	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE 46
Project Number: 237334
Project Manager: ETHAN SESSUMS

Reported: 09-Jun-23 16:55

Fax To:

H - 4 H232922-11 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	320		16.0	mg/kg	4	3060822	AC	08-Jun-23	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	D)		107 %	71.5	-134	3060802	JH/	08-Jun-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3060807	MS	08-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3060807	MS	08-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3060807	MS	08-Jun-23	8015B	
Surrogate: 1-Chlorooctane			101 %	48.2	-134	3060807	MS	08-Jun-23	8015B	
Surrogate: 1-Chlorooctadecane			112 %	49.1	-148	3060807	MS	08-Jun-23	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE 46
Project Number: 237334

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 09-Jun-23 16:55

Inorganic Compounds - Quality Control

Cardinal Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 3060822 - 1:4 DI Water										
Blank (3060822-BLK1)				Prepared &	Analyzed:	08-Jun-23				
Chloride	ND	16.0	mg/kg							
LCS (3060822-BS1)				Prepared &	Analyzed:	08-Jun-23				
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (3060822-BSD1)				Prepared &	z Analyzed:	08-Jun-23				
Chloride	416	16.0	mg/kg	400		104	80-120	0.00	20	

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Celey D. Keene



%REC

Analytical Results For:

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

Project: THISTLE 46 Project Number: 237334 Project Manager: ETHAN SESSUMS

Reported: 09-Jun-23 16:55

RPD

Fax To:

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Spike

Source

Reporting

		Reporting		Spike	Source		/orche		KI D	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 3060801 - Volatiles										
Blank (3060801-BLK1)				Prepared &	z Analyzed:	08-Jun-23				
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0519		mg/kg	0.0500		104	71.5-134			
LCS (3060801-BS1)				Prepared &	z Analyzed:	08-Jun-23				
Benzene	2.48	0.050	mg/kg	2.00		124	81.4-118			BS-
Toluene	2.46	0.050	mg/kg	2.00		123	88.7-121			BS-
Ethylbenzene	2.40	0.050	mg/kg	2.00		120	86.1-120			
m,p-Xylene	4.93	0.100	mg/kg	4.00		123	88.2-124			
o-Xylene	2.36	0.050	mg/kg	2.00		118	84.9-118			
Total Xylenes	7.29	0.150	mg/kg	6.00		122	87.3-122			
Surrogate: 4-Bromofluorobenzene (PID)	0.0487		mg/kg	0.0500		97.4	71.5-134			
LCS Dup (3060801-BSD1)				Prepared &	z Analyzed:	08-Jun-23				
Benzene	2.01	0.050	mg/kg	2.00		100	81.4-118	21.0	15.8	QR-0
Toluene	1.99	0.050	mg/kg	2.00		99.7	88.7-121	20.9	15.9	QR-0
Ethylbenzene	1.98	0.050	mg/kg	2.00		98.8	86.1-120	19.4	16	QR-0
m,p-Xylene	4.13	0.100	mg/kg	4.00		103	88.2-124	17.8	16.2	QR-0
o-Xylene	1.95	0.050	mg/kg	2.00		97.6	84.9-118	18.9	16.7	QR-0
Total Xylenes	6.08	0.150	mg/kg	6.00		101	87.3-122	18.1	16.3	QR-0
Surrogate: 4-Bromofluorobenzene (PID)	0.0509		mg/kg	0.0500		102	71.5-134			
Batch 3060802 - Volatiles										
Blank (3060802-BLK1)				Prepared &	z Analyzed:	08-Jun-23				
Benzene	ND	0.050	mg/kg	-	-					
Toluene	ND	0.050	mg/kg							

Cardinal Laboratories

Ethylbenzene

Total Xylenes

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mg/kg

mg/kg

0.050

0.150

ND

ND

Celeg D. Freene

Celey D. Keene, Lab Director/Quality Manager



%REC

Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE 46
Project Number: 237334
Project Manager: ETHAN SESSUMS

Reported: 09-Jun-23 16:55

RPD

Fax To:

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Reporting

Spike

Source

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 3060802 - Volatiles										
Blank (3060802-BLK1)				Prepared &	: Analyzed:	08-Jun-23				
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0538		mg/kg	0.0500		108	71.5-134			
LCS (3060802-BS1)				Prepared &	: Analyzed:	08-Jun-23				
Benzene	2.42	0.050	mg/kg	2.00		121	81.4-118			BS-3
Toluene	2.45	0.050	mg/kg	2.00		122	88.7-121			BS-3
Ethylbenzene	2.35	0.050	mg/kg	2.00		117	86.1-120			
m,p-Xylene	4.93	0.100	mg/kg	4.00		123	88.2-124			
o-Xylene	2.28	0.050	mg/kg	2.00		114	84.9-118			
Total Xylenes	7.22	0.150	mg/kg	6.00		120	87.3-122			
Surrogate: 4-Bromofluorobenzene (PID)	0.0513		mg/kg	0.0500		103	71.5-134			
LCS Dup (3060802-BSD1)				Prepared &	Analyzed:	08-Jun-23				
Benzene	2.17	0.050	mg/kg	2.00		109	81.4-118	10.9	15.8	
Toluene	2.16	0.050	mg/kg	2.00		108	88.7-121	12.2	15.9	
Ethylbenzene	2.08	0.050	mg/kg	2.00		104	86.1-120	11.9	16	
m,p-Xylene	4.41	0.100	mg/kg	4.00		110	88.2-124	11.2	16.2	
o-Xylene	2.05	0.050	mg/kg	2.00		102	84.9-118	10.9	16.7	
Total Xylenes	6.46	0.150	mg/kg	6.00		108	87.3-122	11.1	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0533		mg/kg	0.0500		107	71.5-134			

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE 46
Project Number: 237334
Project Manager: ETHAN SESSUMS

Reported: 09-Jun-23 16:55

r T

Fax To:

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 3060805 - General Prep - Organics										

Blank (3060805-BLK1)				Prepared & Anal	yzed: 08-Jun-23				
GRO C6-C10	ND	10.0	mg/kg						
DRO >C10-C28	ND	10.0	mg/kg						
EXT DRO >C28-C36	ND	10.0	mg/kg						
Surrogate: 1-Chlorooctane	39.9		mg/kg	49.6	80.6	48.2-134			
Surrogate: 1-Chlorooctadecane	41.3		mg/kg	50.0	82.6	49.1-148			
LCS (3060805-BS1)				Prepared & Anal	yzed: 08-Jun-23				
GRO C6-C10	205	10.0	mg/kg	200	103	78.5-124			
DRO >C10-C28	205	10.0	mg/kg	200	103	72.5-126			
Total TPH C6-C28	411	10.0	mg/kg	400	103	77.6-123			
Surrogate: 1-Chlorooctane	53.6		mg/kg	49.6	108	48.2-134			
Surrogate: 1-Chlorooctadecane	53.6		mg/kg	50.0	107	49.1-148			
LCS Dup (3060805-BSD1)				Prepared & Anal	yzed: 08-Jun-23				
GRO C6-C10	168	10.0	mg/kg	200	84.2	78.5-124	19.8	17.7	QR-0
DRO >C10-C28	173	10.0	mg/kg	200	86.3	72.5-126	17.3	21	
Total TPH C6-C28	341	10.0	mg/kg	400	85.2	77.6-123	18.5	18.5	
Surrogate: 1-Chlorooctane	42.6		mg/kg	49.6	85.9	48.2-134			
Surrogate: 1-Chlorooctadecane	42.5		mg/kg	50.0	85.1	49.1-148			

Batch 3060806 - General Prep - Organics

Blank (3060806-BLK1)				Prepared & Anal	yzed: 08-Jun-23		
GRO C6-C10	ND	10.0	mg/kg				
DRO >C10-C28	ND	10.0	mg/kg				
EXT DRO >C28-C36	ND	10.0	mg/kg				
Surrogate: 1-Chlorooctane	49.6		mg/kg	49.6	100	48.2-134	
Surrogate: 1-Chlorooctadecane	51.6		mg/kg	50.0	103	49.1-148	

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Celey D. Keene, Lab Director/Quality Manager



%REC

Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE 46
Project Number: 237334
Project Manager: ETHAN SESSUMS

Spike

Source

Reported: 09-Jun-23 16:55

RPD

Fax To:

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Reporting

		reporting		Spike	Bource		/orch		KI D	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 3060806 - General Prep - Organio	es									
LCS (3060806-BS1)				Prepared &	k Analyzed:	08-Jun-23				
GRO C6-C10	177	10.0	mg/kg	200		88.3	78.5-124			
DRO >C10-C28	175	10.0	mg/kg	200		87.6	72.5-126			
Total TPH C6-C28	352	10.0	mg/kg	400		88.0	77.6-123			
Surrogate: 1-Chlorooctane	52.9		mg/kg	49.6		107	48.2-134			
Surrogate: 1-Chlorooctadecane	52.2		mg/kg	50.0		104	49.1-148			
LCS Dup (3060806-BSD1)				Prepared &	և Analyzed:	08-Jun-23				
GRO C6-C10	185	10.0	mg/kg	200		92.5	78.5-124	4.58	17.7	
DRO >C10-C28	185	10.0	mg/kg	200		92.5	72.5-126	5.37	21	
Total TPH C6-C28	370	10.0	mg/kg	400		92.5	77.6-123	4.98	18.5	
Surrogate: 1-Chlorooctane	52.4		mg/kg	49.6		106	48.2-134			
Surrogate: 1-Chlorooctadecane	51.8		mg/kg	50.0		104	49.1-148			
Batch 3060807 - General Prep - Organic	es									
Blank (3060807-BLK1)				Prepared &	k Analyzed:	08-Jun-23				
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	48.0		mg/kg	49.6		96.8	48.2-134			
Surrogate: 1-Chlorooctadecane	52.8		mg/kg	50.0		106	49.1-148			
LCS (3060807-BS1)				Prepared &	և Analyzed:	08-Jun-23				
GRO C6-C10	190	10.0	mg/kg	200		95.2	78.5-124			
DRO >C10-C28	177	10.0	mg/kg	200		88.6	72.5-126			
Total TPH C6-C28	368	10.0	mg/kg	400		91.9	77.6-123			
Surrogate: 1-Chlorooctane	53.7		mg/kg	49.6		108	48.2-134			
Surrogate: 1-Chlorooctadecane	61.7		mg/kg	50.0		123	49.1-148			

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%REC

Limits

49.1-148

RPD

Analytical Results For:

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

Analyte

Surrogate: 1-Chlorooctadecane

Project: THISTLE 46
Project Number: 237334

Reported: 09-Jun-23 16:55

RPD

Limit

Notes

Project Manager: ETHAN SESSUMS

Fax To:

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Units

Reporting

Limit

Result

60.2

Spike

Level

50.0

Source

Result

%REC

120

Batch 3060807 - General Prep - Org	anics								
LCS Dup (3060807-BSD1)				Prepared & Ana	lyzed: 08-Jun-23				
GRO C6-C10	191	10.0	mg/kg	200	95.4	78.5-124	0.208	17.7	
DRO >C10-C28	174	10.0	mg/kg	200	87.2	72.5-126	1.61	21	
Total TPH C6-C28	365	10.0	mg/kg	400	91.3	77.6-123	0.667	18.5	
Surrogate: 1-Chlorooctane	52.5		mg/kg	49.6	106	48.2-134			

mg/kg

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Notes and Definitions

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

QR-04 The RPD for the BS/BSD was outside of historical limits.

BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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Celey D. Keene

ANTG

Chain of Custody

Project Manager:	Ethan Sessums NTG Environmental 402 E Wood Ave						Bill to: (if different) Company Name: Address:				thews					Page1 of _ 2 Work Order Comments									
Company Name:											Devon Energy 6488 Seven Rivers Highway						Program: UST/PST PRP Brownfields RRC uperfund								
Address:																									
City, State ZIP:	Carlsbad, NM 88220					City, St							State of Project:												
Phone:	254-266-5456 Email:					y.Mathew	s@dvn	Artesia, NM 88210							Reporting:Lével II Level III PST/UST RRP Level IV Deliverables: EDD ADaPT Other:										
Project Name:	Thirty 00 070 0 4/0				100	2000		I I	I					N Service			ioles. L	.00 🗀		ADar	7 L Ot	her:			
Project Number:	237334					outine Rush		Pres.		_	-		AN	ALYSI	SREC	QUEST	-	_			Prese	rvative Codes			
Project Location		1	ea Co. NM					Code	-	-	-		+	+	-		4	-			None: NO	DI Water: H ₂ 0			
ampler's Name:			ordan Tyner		Due Date:	_	4hr		1	6											Cool: Cool	MeOH: Me			
0 #:		-	ordan Tyriei			day received by the ived by 4:30pm		1		RO + MRO)											HCL: HC	HNO ₃ : HN			
AMPLE RECEI	MPLE RECEIPT Ter		mp Blank:	Yes No	Wet Ice:	Nes	No	ters	_									H ₂ S0 ₄ : H ₂ NaOH: Na							
eceived Intact:		Yes No		The state of the s		7/	3	Parameters	0218	- D	4500		1								H₃PO₄; HP				
ooler Custody Seals	oler Custody Seals: Yes		Yes No (N/A)				Factor:	-0	,6i	Par	BTEX 8021B	GRO	Chloride									НОГР	NaHSO ₄ : NABIS		
ample Custody Sea					ure Reading:	3	10		FB	N	Chic							1	Na ₂ S ₂ O ₃ ; NaSO ₃						
otal Containers:		11		Corrected	Temperature:	a	5ê			8015M (GRO + DRO											Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC				
Sample Iden	tificatio	ion Date	ation Dat	ication	Date	Date	Time	Soil	Water	Grab/ Comp	# of Cont		ТРН												e Comments
V-1 (0	-1)		6/7/2023		X		Grab/	1	X	X	Х	-	+	+	-		+	-			Gampi	e comments			
V-1 (1-	1.5)		6/7/2023		Х		Grab/	1	X	X	X	+	+	+	-		+	-							
V-1 (2-2	2.5)		6/7/2023		Х		Grab/	1	X	X	X	-	+	+		-	+	-							
V-1 (3-3	3.5)		6/7/2023		Х		Grab/	1	X	X	X	-	+	+			+	+-	-	_					
V-2 (0-	1)		6/7/2023		У		Grab/	1	X	X	X	_	+	+			+	+	-	_					
V-2 (1-1	.5)		6/7/2023		Х		Grab/	1	X	X	X	-	+	+		-	+	+	-						
V-2 (2-2	.5)		6/7/2023	-	Х		Grab/	1	X	X	X	_	+	+			-	+	-	-					
H-1			6/7/2023		X		Grab/	1	X	X	X	-		-		-	+		-	-					
H-2			6/7/2023		Х		Grab/	1	X	X	X	-	+	+		-	+	+-	-	-					
H-3			6/7/2023		Х		Grab/	1	Х	X	X		+			-	+	+	-	-					
Additio	nal Cor	mment	: 4/8/23	3-Nan	re Chai	ngeo	bis	lus	ter			HA					_		_						
ice: Signature of this di ervice. Xenco will be li lenco. A minimum cha	ocument a able only ge of \$85	and reling for the co 5.00 will be	uishment of samp est of samples and applied to each p	les constitute I shall not ass project and a c	es a valid purchase ume any responsi charge of \$5 for ea	order from bility for an ch sample	n client com ny losses or submitted t	pany to Xe expenses o Xenco, b	incurred ut not a	affiliate	es and si client if	ubcontract such losse terms will	ors. It as	signs sta	ndard t	erms and c	onditions he contro								
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			1111	NIGHT	IVALIA		7	//- /-	6	///	771 1														

Released to Imaging: 6/26/2024 2:47:16 PM

Received by OCD: 5/31/2024 3:22:07 PM

. Released to Imaging: 6/26/2024 2:47:16 PM

Chain of Custody



Work Order No: H232922

Project Manager:	Ethan	Sessum	ns	Bill to: (if different)				Wesley Mathews							Work Order Comments										
Company Name:	NTG Environmental 402 E Wood Ave						Company Name:				Devon Energy							Program: UST/PST PRP Brownfields RRC uperfund							
Address:	402 E	Wood A	ve	Address	6488 Seven Rivers Highway							State of Project:													
City, State ZIP:	Carlsbad, NM 88220										Artesia. NM 88210						Reporting:Level III Level III PST/UST TRRP Level IV								
Phone:	254-2	66-5456			Email:		.Mathew	s@dvn.								1 1	eliverab			_		_	ther:		
Project Name:	Thistle 22 CTB 2 Turn				n Around		7				ΔΝΔΙΝ	YSIS R	FOLL	OUEST						Preservative Codes					
Project Number:	237334			Routine	✓ Rus		Pres. Code							TOIO IX						Т	None: NO	DI Water: H ₂ O			
Project Location		Le	ea Co. NM		Due Date:	2	4hr									\top		+	+		+				
Sampler's Name:			rdan Tyner		TAT starts the					MRO)				- 1	- 1							Cool: Cool	MeOH: Me		
PO #:				eived by 4:30pm		un un		+							1					H ₂ SO ₄ : H ₂	HNO ₃ : HN NaOH: Na				
SAMPLE RECEI	The state of the s		Yes No	Yes No Wet Ice:		No	Parameters	m	+ DRO	8											H ₃ PO ₄ : HP	NaOn. Na			
Received Intact:		Ye	S No Thermom			11	3	ram	3021	1 2	e 4500									1	9	NaHSO ₄ : N	ARIS		
Cooler Custody Seals	The state of the s				n Factor:	-0,	10°	Pa	BTEX 8021B	TPH 8015M (GRO	Chloride						- -		1		HOLD	Na ₂ S ₂ O ₃ : N			
Sample Custody Sea	ls:	Yes No N/A		O N/A Temperat							Ch.								1		1	Zn Acetate			
Total Containers:	ntainers: 11		Corrected	Temperature:	3			8016														orbic Acid: SAPC			
Sample Iden	Sample Identification Date Time Soil Water Grab/ # of Comp Cont										Samp	ole Comments													
H-4			6/7/2023		Х		Grab/	1	X	X	X		\rightarrow		_	+	_	+	+	+	+	1			
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Additio	nal Co	mments	s:										=												
lotice: Signature of this d f service, Xenco will be I f Xenco. A minimum cha	iable only	y for the co	st of samples and	shall not as:	sume any respons	sibility for a	ny Insses n	revnences	incurre	d by the	a client i	fouch le		a dua ta	aireumet.		harrand 6h		i l						
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r I a												5													



July 21, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: THISTLE 44 AND 46

Enclosed are the results of analyses for samples received by the laboratory on 07/19/23 15:15.

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

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023
Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 1 2.5' (H233760-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2023	ND	2.20	110	2.00	2.34	
Toluene*	<0.050	0.050	07/19/2023	ND	2.18	109	2.00	1.67	
Ethylbenzene*	<0.050	0.050	07/19/2023	ND	2.31	115	2.00	1.63	
Total Xylenes*	<0.150	0.150	07/19/2023	ND	6.92	115	6.00	2.00	
Total BTEX	<0.300	0.300	07/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	120	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	162	80.8	200	5.09	
DRO >C10-C28*	2090	10.0	07/20/2023	ND	172	86.1	200	1.40	
EXT DRO >C28-C36	497	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	135	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Analyzed By: 1H /

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 2 2.5' (H233760-02)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2023	ND	2.20	110	2.00	2.34	
Toluene*	<0.050	0.050	07/19/2023	ND	2.18	109	2.00	1.67	
Ethylbenzene*	<0.050	0.050	07/19/2023	ND	2.31	115	2.00	1.63	
Total Xylenes*	<0.150	0.150	07/19/2023	ND	6.92	115	6.00	2.00	
Total BTEX	<0.300	0.300	07/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	162	80.8	200	5.09	
DRO >C10-C28*	926 10.0		07/20/2023	ND	172	86.1	200	1.40	
EXT DRO >C28-C36	170	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	67.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.5	% 49.1-14	8						

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Celeg & Freene



Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 3 2.5' (H233760-03)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2023	ND	2.20	110	2.00	2.34	
Toluene*	<0.050	0.050	07/19/2023	ND	2.18	109	2.00	1.67	
Ethylbenzene*	<0.050	0.050	07/19/2023	ND	2.31	115	2.00	1.63	
Total Xylenes*	<0.150	0.150	07/19/2023	ND	6.92	115	6.00	2.00	
Total BTEX	<0.300	0.300	07/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	162	80.8	200	5.09	
DRO >C10-C28*	379	10.0	07/20/2023	ND	172	86.1	200	1.40	
EXT DRO >C28-C36	73.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	50.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	66.9	% 49.1-14	8						

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Celey D. Keine



Shari Cisneros

Sample Received By:

Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil
Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 4 2.5' (H233760-04)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2023	ND	2.20	110	2.00	2.34	
Toluene*	<0.050	0.050	07/19/2023	ND	2.18	109	2.00	1.67	
Ethylbenzene*	<0.050	0.050	07/19/2023	ND	2.31	115	2.00	1.63	
Total Xylenes*	<0.150	0.150	07/19/2023	ND	6.92	115	6.00	2.00	
Total BTEX	<0.300	0.300	07/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	704	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	162	80.8	200	5.09	
DRO >C10-C28*	2140	10.0	07/20/2023	ND	172	86.1	200	1.40	
EXT DRO >C28-C36	599	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	112 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	123	% 49.1-14	18						

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Celeg & Freene



Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 5 2.5' (H233760-05)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2023	ND	2.20	110	2.00	2.34	
Toluene*	<0.050	0.050	07/19/2023	ND	2.18	109	2.00	1.67	
Ethylbenzene*	<0.050	0.050	07/19/2023	ND	2.31	115	2.00	1.63	
Total Xylenes*	<0.150	0.150	07/19/2023	ND	6.92	115	6.00	2.00	
Total BTEX	<0.300	0.300	07/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	162	80.8	200	5.09	
DRO >C10-C28*	422	10.0	07/20/2023	ND	172	86.1	200	1.40	
EXT DRO >C28-C36	64.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	105 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118 9	% 49.1-14	8						

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Celey D. Keine



07/19/2023

Soil

Analytical Results For:

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

Received: 07/19/2023 Sampling Date: Reported: 07/21/2023 Sampling Type:

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact Shari Cisneros Project Number: 226502 Sample Received By:

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 6 2.5' (H233760-06)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2023	ND	2.20	110	2.00	2.34	
Toluene*	<0.050	0.050	07/19/2023	ND	2.18	109	2.00	1.67	
Ethylbenzene*	<0.050	0.050	07/19/2023	ND	2.31	115	2.00	1.63	
Total Xylenes*	<0.150	0.150	07/19/2023	ND	6.92	115	6.00	2.00	
Total BTEX	<0.300	0.300	07/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	162	80.8	200	5.09	
DRO >C10-C28*	247	10.0	07/20/2023	ND	172	86.1	200	1.40	
EXT DRO >C28-C36	47.7	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	107	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	121	% 49.1-14	18						

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Celey D. Keene



07/19/2023

Shari Cisneros

Analytical Results For:

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

Sampling Date:

Sample Received By:

Fax To:

Received: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 7 2.5' (H233760-07)

	Method Blank ND ND ND ND ND ND ND MD MD MD MD MD MD MD MD MD METHOD METH	1.96 1.92 1.91 6.20	% Recovery 97.9 96.2 95.5 103	True Value QC 2.00 2.00 2.00 6.00	2.73 0.972 2.21 2.02	Qualifier QR-03 QR-03
0 07/19/2023 0 07/19/2023 0 07/19/2023 0 07/19/2023 71.5-134 Analy:	ND ND ND ND	1.92 1.91 6.20	96.2 95.5 103	2.00 2.00	0.972 2.21	-
0 07/19/2023 0 07/19/2023 0 07/19/2023 71.5-134	ND ND ND	1.91 6.20	95.5 103	2.00	2.21	QR-03
0 07/19/2023 0 07/19/2023 71.5-134 Analy:	ND ND red By: AC	6.20	103			QR-03
0 07/19/2023 71.5-134	ND red By: AC			6.00	2.02	
71.5-134 Analy:	ed By: AC	: BS				
Analy	-	: BS				
	-	: BS				
	Method Blank	BS				
Limit Analyzed			% Recovery	True Value QC	RPD	Qualifier
07/20/2023	ND	416	104	400	3.77	
Analy	ed By: MS					
Limit Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
07/20/2023	ND	162	80.8	200	5.09	
07/20/2023	ND	172	86.1	200	1.40	
	ND					
	0 07/20/2023 0 07/20/2023 0 07/20/2023	• •	.0 07/20/2023 ND 172	.0 07/20/2023 ND 172 86.1	.0 07/20/2023 ND 172 86.1 200	.0 07/20/2023 ND 172 86.1 200 1.40

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102 %

49.1-148

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Surrogate: 1-Chlorooctadecane



Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 8 2.5' (H233760-08)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2023	ND	1.96	97.9	2.00	2.73	
Toluene*	<0.050	0.050	07/19/2023	ND	1.92	96.2	2.00	0.972	
Ethylbenzene*	<0.050	0.050	07/19/2023	ND	1.91	95.5	2.00	2.21	
Total Xylenes*	<0.150	0.150	07/19/2023	ND	6.20	103	6.00	2.02	
Total BTEX	<0.300	0.300	07/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 %	6 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	162	80.8	200	5.09	
DRO >C10-C28*	329	10.0	07/20/2023	ND	172	86.1	200	1.40	
EXT DRO >C28-C36	108	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	116 %	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	152 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 9 2.5' (H233760-09)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2023	ND	1.96	97.9	2.00	2.73	
Toluene*	<0.050	0.050	07/19/2023	ND	1.92	96.2	2.00	0.972	
Ethylbenzene*	<0.050	0.050	07/19/2023	ND	1.91	95.5	2.00	2.21	
Total Xylenes*	<0.150	0.150	07/19/2023	ND	6.20	103	6.00	2.02	
Total BTEX	<0.300	0.300	07/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	162	80.8	200	5.09	
DRO >C10-C28*	290	10.0	07/20/2023	ND	172	86.1	200	1.40	
EXT DRO >C28-C36	59.2	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	111 9	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	138 9	% 49.1-14	8						

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Sample Received By:

Shari Cisneros

Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil
Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 10 2.5' (H233760-10)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2023	ND	1.96	97.9	2.00	2.73	
Toluene*	<0.050	0.050	07/19/2023	ND	1.92	96.2	2.00	0.972	
Ethylbenzene*	<0.050	0.050	07/19/2023	ND	1.91	95.5	2.00	2.21	
Total Xylenes*	<0.150	0.150	07/19/2023	ND	6.20	103	6.00	2.02	
Total BTEX	<0.300	0.300	07/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	162	80.8	200	5.09	
DRO >C10-C28*	<10.0	10.0	07/20/2023	ND	172	86.1	200	1.40	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	111	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	127	% 49.1-14	8						

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Sample Received By:

07/19/2023

Shari Cisneros

Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date:

Reported: 07/21/2023 Sampling Type: Soil Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 11 2.5' (H233760-11)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2023	ND	1.96	97.9	2.00	2.73	
Toluene*	0.310	0.050	07/19/2023	ND	1.92	96.2	2.00	0.972	
Ethylbenzene*	0.374	0.050	07/19/2023	ND	1.91	95.5	2.00	2.21	
Total Xylenes*	2.95	0.150	07/19/2023	ND	6.20	103	6.00	2.02	
Total BTEX	3.64	0.300	07/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	132 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	66.9	10.0	07/20/2023	ND	162	80.8	200	5.09	
DRO >C10-C28*	3580	10.0	07/20/2023	ND	172	86.1	200	1.40	
EXT DRO >C28-C36	790	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	113 9	% 48.2-13	4						
Surrogata: 1 Chloroctadaeana	1170	V ₂ 40.1.14	0						

117 % Surrogate: 1-Chlorooctadecane 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: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Analyzed By: MC

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 12 2.5' (H233760-12)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2023	ND	1.96	97.9	2.00	2.73	
Toluene*	<0.050	0.050	07/19/2023	ND	1.92	96.2	2.00	0.972	
Ethylbenzene*	<0.050	0.050	07/19/2023	ND	1.91	95.5	2.00	2.21	
Total Xylenes*	<0.150	0.150	07/19/2023	ND	6.20	103	6.00	2.02	
Total BTEX	<0.300	0.300	07/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	162	80.8	200	5.09	
DRO >C10-C28*	13.3	10.0	07/20/2023	ND	172	86.1	200	1.40	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	109	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119	% 49.1-14	8						

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Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023 Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact Project Number: Sample Received By: 226502 Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 13 2.5' (H233760-13)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2023	ND	1.96	97.9	2.00	2.73	
Toluene*	<0.050	0.050	07/19/2023	ND	1.92	96.2	2.00	0.972	
Ethylbenzene*	<0.050	0.050	07/19/2023	ND	1.91	95.5	2.00	2.21	
Total Xylenes*	<0.150	0.150	07/19/2023	ND	6.20	103	6.00	2.02	
Total BTEX	<0.300	0.300	07/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1020	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	162	80.8	200	5.09	
DRO >C10-C28*	166	10.0	07/20/2023	ND	172	86.1	200	1.40	
EXT DRO >C28-C36	39.6	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	'8						

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Celeg D. Keene



Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023
Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 14 2.5' (H233760-14)

BTEX 8021B	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	1.96	97.9	2.00	2.73	
Toluene*	<0.050	0.050	07/20/2023	ND	1.92	96.2	2.00	0.972	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	1.91	95.5	2.00	2.21	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.20	103	6.00	2.02	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	864	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	162	80.8	200	5.09	
DRO >C10-C28*	915	10.0	07/20/2023	ND	172	86.1	200	1.40	
EXT DRO >C28-C36	183	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	158	% 49.1-14	8						

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Celey & Keene



Shari Cisneros

Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil
Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: 226502 Sample Received By:

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 15 2.5' (H233760-15)

RTFY 8021R

B1EX 8021B	mg	^и кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2023	ND	1.96	97.9	2.00	2.73	
Toluene*	<0.050	0.050	07/19/2023	ND	1.92	96.2	2.00	0.972	
Ethylbenzene*	<0.050	0.050	07/19/2023	ND	1.91	95.5	2.00	2.21	
Total Xylenes*	<0.150	0.150	07/19/2023	ND	6.20	103	6.00	2.02	
Total BTEX	<0.300	0.300	07/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1880	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	162	80.8	200	5.09	
DRO >C10-C28*	473	10.0	07/20/2023	ND	172	86.1	200	1.40	
EXT DRO >C28-C36	83.5	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	114	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115	% 49.1-14	8						

Applyzod By: MC

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Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 226502 Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 16 2.5' (H233760-16)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2023	ND	1.96	97.9	2.00	2.73	
Toluene*	<0.050	0.050	07/19/2023	ND	1.92	96.2	2.00	0.972	
Ethylbenzene*	<0.050	0.050	07/19/2023	ND	1.91	95.5	2.00	2.21	
Total Xylenes*	<0.150	0.150	07/19/2023	ND	6.20	103	6.00	2.02	
Total BTEX	<0.300	0.300	07/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	162	80.8	200	5.09	
DRO >C10-C28*	29.8	10.0	07/20/2023	ND	172	86.1	200	1.40	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	114 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	126	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 07/19/2023

07/19/2023 Sampling Date: 07/21/2023 Sampling Type:

Project Name: THISTLE 44 AND 46
Project Number: 226502

Project Location: DEVON - EDDY CO., NM

Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shari Cisneros

07/19/2023

Sample ID: CS - 17 2.5' (H233760-17)

Reported:

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2023	ND	1.96	97.9	2.00	2.73	
Toluene*	<0.050	0.050	07/19/2023	ND	1.92	96.2	2.00	0.972	
Ethylbenzene*	<0.050	0.050	07/19/2023	ND	1.91	95.5	2.00	2.21	
Total Xylenes*	<0.150	0.150	07/19/2023	ND	6.20	103	6.00	2.02	
Total BTEX	<0.300	0.300	07/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1420	16.0	07/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	162	80.8	200	5.09	
DRO >C10-C28*	436	10.0	07/20/2023	ND	172	86.1	200	1.40	
EXT DRO >C28-C36	80.9	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	112 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	122 9	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 18 2.5' (H233760-18)

BTEX 8021B	mg,	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2023	ND	1.96	97.9	2.00	2.73	
Toluene*	<0.050	0.050	07/19/2023	ND	1.92	96.2	2.00	0.972	
Ethylbenzene*	<0.050	0.050	07/19/2023	ND	1.91	95.5	2.00	2.21	
Total Xylenes*	<0.150	0.150	07/19/2023	ND	6.20	103	6.00	2.02	
Total BTEX	<0.300	0.300	07/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1660	16.0	07/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	162	80.8	200	5.09	
DRO >C10-C28*	1750	10.0	07/20/2023	ND	172	86.1	200	1.40	
EXT DRO >C28-C36	401	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	103 :	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117 9	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Analyzed By: MS

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 19 2.5' (H233760-19)

BTEX 8021B

	9,	9	7	7: : : :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2023	ND	1.96	97.9	2.00	2.73	
Toluene*	<0.050	0.050	07/19/2023	ND	1.92	96.2	2.00	0.972	
Ethylbenzene*	<0.050	0.050	07/19/2023	ND	1.91	95.5	2.00	2.21	
Total Xylenes*	<0.150	0.150	07/19/2023	ND	6.20	103	6.00	2.02	
Total BTEX	<0.300	0.300	07/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	07/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2023	ND	162	80.8	200	5.09	
DRO >C10-C28*	<10.0	10.0	07/21/2023	ND	172	86.1	200	1.40	
EXT DRO >C28-C36	<10.0	10.0	07/21/2023	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119	% 49.1-14	8						

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Celey D. Keene



Shari Cisneros

Sample Received By:

Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil
Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 20 2.5' (H233760-20)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2023	ND	1.96	97.9	2.00	2.73	
Toluene*	<0.050	0.050	07/19/2023	ND	1.92	96.2	2.00	0.972	
Ethylbenzene*	<0.050	0.050	07/19/2023	ND	1.91	95.5	2.00	2.21	
Total Xylenes*	<0.150	0.150	07/19/2023	ND	6.20	103	6.00	2.02	
Total BTEX	<0.300	0.300	07/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	864	16.0	07/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	175	87.7	200	2.08	
DRO >C10-C28*	19.0	10.0	07/20/2023	ND	184	91.8	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	99.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 21 2.5' (H233760-21)

BTEX 8021B	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2023	ND	1.96	97.9	2.00	2.73	
Toluene*	<0.050	0.050	07/19/2023	ND	1.92	96.2	2.00	0.972	
Ethylbenzene*	<0.050	0.050	07/19/2023	ND	1.91	95.5	2.00	2.21	
Total Xylenes*	<0.150	0.150	07/19/2023	ND	6.20	103	6.00	2.02	
Total BTEX	<0.300	0.300	07/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	816	16.0	07/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	175	87.7	200	2.08	
DRO >C10-C28*	129	10.0	07/20/2023	ND	184	91.8	200	4.16	
EXT DRO >C28-C36	18.5	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	124	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	147	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Applyzod By: MC

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 22 2.5' (H233760-22)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2023	ND	1.96	97.9	2.00	2.73	
Toluene*	<0.050	0.050	07/19/2023	ND	1.92	96.2	2.00	0.972	
Ethylbenzene*	<0.050	0.050	07/19/2023	ND	1.91	95.5	2.00	2.21	
Total Xylenes*	<0.150	0.150	07/19/2023	ND	6.20	103	6.00	2.02	
Total BTEX	<0.300	0.300	07/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3040	16.0	07/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	175	87.7	200	2.08	
DRO >C10-C28*	638	10.0	07/20/2023	ND	184	91.8	200	4.16	
EXT DRO >C28-C36	163	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	122	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	126	% 49.1-14	8						

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Analytical Results For:

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

07/19/2023

Reported: 07/21/2023

Project Name: THISTLE 44 AND 46

Project Number: 226502

Received:

Project Location: DEVON - EDDY CO., NM Sampling Date: 07/19/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Shari Cisneros

Sample ID: CS - 23 2.5' (H233760-23)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2023	ND	1.96	97.9	2.00	2.73	
Toluene*	<0.050	0.050	07/19/2023	ND	1.92	96.2	2.00	0.972	
Ethylbenzene*	<0.050	0.050	07/19/2023	ND	1.91	95.5	2.00	2.21	
Total Xylenes*	<0.150	0.150	07/19/2023	ND	6.20	103	6.00	2.02	
Total BTEX	<0.300	0.300	07/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2720	16.0	07/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	175	87.7	200	2.08	
DRO >C10-C28*	912	10.0	07/20/2023	ND	184	91.8	200	4.16	
EXT DRO >C28-C36	226	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	93.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.3	% 49.1-14	8						

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Celey D. Keene



Shari Cisneros

Sample Received By:

Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 24 2.5' (H233760-24)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2023	ND	1.96	97.9	2.00	2.73	
Toluene*	<0.050	0.050	07/19/2023	ND	1.92	96.2	2.00	0.972	
Ethylbenzene*	<0.050	0.050	07/19/2023	ND	1.91	95.5	2.00	2.21	
Total Xylenes*	<0.150	0.150	07/19/2023	ND	6.20	103	6.00	2.02	
Total BTEX	<0.300	0.300	07/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	832	16.0	07/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	175	87.7	200	2.08	
DRO >C10-C28*	<10.0	10.0	07/20/2023	ND	184	91.8	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	101 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	120 9	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact Sample Received By: Shari Cisneros Project Number: 226502

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 25 2.5' (H233760-25)

BTEX 8021B	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2023	ND	1.96	97.9	2.00	2.73	
Toluene*	<0.050	0.050	07/19/2023	ND	1.92	96.2	2.00	0.972	
Ethylbenzene*	<0.050	0.050	07/19/2023	ND	1.91	95.5	2.00	2.21	
Total Xylenes*	<0.150	0.150	07/19/2023	ND	6.20	103	6.00	2.02	
Total BTEX	<0.300	0.300	07/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	960	16.0	07/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	175	87.7	200	2.08	
DRO >C10-C28*	2890	10.0	07/20/2023	ND	184	91.8	200	4.16	
EXT DRO >C28-C36	768	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	99.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113 9	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 07/19/2023

Reported: 07/21/2023 Project Name: THISTLE 44 AND 46

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

Sampling Date: 07/19/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shari Cisneros

Sample ID: CS - 26 2.5' (H233760-26)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2023	ND	1.96	97.9	2.00	2.73	
Toluene*	<0.050	0.050	07/19/2023	ND	1.92	96.2	2.00	0.972	
Ethylbenzene*	< 0.050	0.050	07/19/2023	ND	1.91	95.5	2.00	2.21	
Total Xylenes*	<0.150	0.150	07/19/2023	ND	6.20	103	6.00	2.02	
Total BTEX	<0.300	0.300	07/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	07/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	175	87.7	200	2.08	
DRO >C10-C28*	<10.0	10.0	07/20/2023	ND	184	91.8	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	100	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119	% 49.1-14	8						

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Celey D. Keine



Shari Cisneros

Sample Received By:

Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil
Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 27 2.5' (H233760-27)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.11	105	2.00	1.59	
Toluene*	<0.050	0.050	07/20/2023	ND	2.06	103	2.00	1.08	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	1.98	99.0	2.00	1.59	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	5.97	99.4	6.00	1.94	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	175	87.7	200	2.08	
DRO >C10-C28*	628	10.0	07/20/2023	ND	184	91.8	200	4.16	
EXT DRO >C28-C36	142	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	121	% 49.1-14	8						

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Celey D. Keine



Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 226502 Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 28 2.5' (H233760-28)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.11	105	2.00	1.59	
Toluene*	<0.050	0.050	07/20/2023	ND	2.06	103	2.00	1.08	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	1.98	99.0	2.00	1.59	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	5.97	99.4	6.00	1.94	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	07/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	175	87.7	200	2.08	
DRO >C10-C28*	44.9	10.0	07/20/2023	ND	184	91.8	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	103 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	120 9	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 29 2.5' (H233760-29)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.11	105	2.00	1.59	
Toluene*	<0.050	0.050	07/20/2023	ND	2.06	103	2.00	1.08	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	1.98	99.0	2.00	1.59	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	5.97	99.4	6.00	1.94	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1800	16.0	07/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	175	87.7	200	2.08	
DRO >C10-C28*	16.9	10.0	07/20/2023	ND	184	91.8	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	127	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	145	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Analyzed By: MC

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 30 2.5' (H233760-30)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.11	105	2.00	1.59	
Toluene*	<0.050	0.050	07/20/2023	ND	2.06	103	2.00	1.08	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	1.98	99.0	2.00	1.59	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	5.97	99.4	6.00	1.94	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5200	16.0	07/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	175	87.7	200	2.08	
DRO >C10-C28*	12.4	10.0	07/20/2023	ND	184	91.8	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	97.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113	% 49.1-14	8						

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Celey & Keens



07/19/2023

Shari Cisneros

Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date:

Reported: 07/21/2023 Sampling Type: Soil Sampling Condition: Cool & Intact

Project Name: THISTLE 44 AND 46 Sample Received By: Project Number: 226502

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 31 2.5' (H233760-31)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.11	105	2.00	1.59	
Toluene*	<0.050	0.050	07/20/2023	ND	2.06	103	2.00	1.08	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	1.98	99.0	2.00	1.59	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	5.97	99.4	6.00	1.94	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4240	16.0	07/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	175	87.7	200	2.08	
DRO >C10-C28*	25.5	10.0	07/20/2023	ND	184	91.8	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	118 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	136	% 49.1-14	8						

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Celey D. Keene



Shari Cisneros

Sample Received By:

Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil
Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 32 2.5' (H233760-32)

BTEX 8021B	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.11	105	2.00	1.59	
Toluene*	<0.050	0.050	07/20/2023	ND	2.06	103	2.00	1.08	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	1.98	99.0	2.00	1.59	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	5.97	99.4	6.00	1.94	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	07/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	175	87.7	200	2.08	
DRO >C10-C28*	169	10.0	07/20/2023	ND	184	91.8	200	4.16	
EXT DRO >C28-C36	27.3	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	123	% 49.1-14	8						

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Cardinal Laboratories



Shari Cisneros

Sample Received By:

Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil
Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 33 2.5' (H233760-33)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.11	105	2.00	1.59	
Toluene*	<0.050	0.050	07/20/2023	ND	2.06	103	2.00	1.08	
Ethylbenzene*	< 0.050	0.050	07/20/2023	ND	1.98	99.0	2.00	1.59	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	5.97	99.4	6.00	1.94	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	976	16.0	07/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	175	87.7	200	2.08	
DRO >C10-C28*	80.5	10.0	07/20/2023	ND	184	91.8	200	4.16	
EXT DRO >C28-C36	15.3	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	97.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116	% 49.1-14	18						

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Celey D. Keene



Analytical Results For:

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

Tux

Received: 07/19/2023 Sampling Date: 07/19/2023
Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 34 2.5' (H233760-34)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.11	105	2.00	1.59	
Toluene*	<0.050	0.050	07/20/2023	ND	2.06	103	2.00	1.08	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	1.98	99.0	2.00	1.59	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	5.97	99.4	6.00	1.94	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	592	16.0	07/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	175	87.7	200	2.08	
DRO >C10-C28*	47.4	10.0	07/20/2023	ND	184	91.8	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	130	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	148	% 49.1-14	8						

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Shari Cisneros

Sample Received By:

Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 35 2.5' (H233760-35)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.11	105	2.00	1.59	
Toluene*	<0.050	0.050	07/20/2023	ND	2.06	103	2.00	1.08	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	1.98	99.0	2.00	1.59	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	5.97	99.4	6.00	1.94	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	07/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	175	87.7	200	2.08	
DRO >C10-C28*	583	10.0	07/20/2023	ND	184	91.8	200	4.16	
EXT DRO >C28-C36	239	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	121	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	120	% 49.1-14	18						

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Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 226502 Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 36 2.5' (H233760-36)

BTEX 8021B	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.11	105	2.00	1.59	
Toluene*	<0.050	0.050	07/20/2023	ND	2.06	103	2.00	1.08	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	1.98	99.0	2.00	1.59	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	5.97	99.4	6.00	1.94	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	07/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2023	ND	175	87.7	200	2.08	
DRO >C10-C28*	44.3	10.0	07/21/2023	ND	184	91.8	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	07/21/2023	ND					
Surrogate: 1-Chlorooctane	133	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	154	% 49 1-14	8						

154 % Surrogate: 1-Chlorooctadecane 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: 07/19/2023 Sampling Date: 07/19/2023 Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 226502 Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 37 2.5' (H233760-37)

BTEX 8021B	mg/	'kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.11	105	2.00	1.59	
Toluene*	<0.050	0.050	07/20/2023	ND	2.06	103	2.00	1.08	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	1.98	99.0	2.00	1.59	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	5.97	99.4	6.00	1.94	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 5	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1300	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	175	87.7	200	2.08	
DRO >C10-C28*	13.9	10.0	07/20/2023	ND	184	91.8	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	101 5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	122 9	% 49.1-14	8						

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Celey D. Keene

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:

Applyzod By: MC

07/19/2023

Reported: 07/21/2023

Project Name: THISTLE 44 AND 46

Project Number: 226502

Project Location: DEVON - EDDY CO., NM Sampling Date: 07/19/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Shari Cisneros

Sample ID: CS - 38 2.5' (H233760-38)

Received:

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.11	105	2.00	1.59	
Toluene*	<0.050	0.050	07/20/2023	ND	2.06	103	2.00	1.08	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	1.98	99.0	2.00	1.59	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	5.97	99.4	6.00	1.94	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4800	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	175	87.7	200	2.08	
DRO >C10-C28*	1280	10.0	07/20/2023	ND	184	91.8	200	4.16	
EXT DRO >C28-C36	381	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	135	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	132	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Applyzod By: MC

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 39 2.5' (H233760-39)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.11	105	2.00	1.59	
Toluene*	<0.050	0.050	07/20/2023	ND	2.06	103	2.00	1.08	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	1.98	99.0	2.00	1.59	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	5.97	99.4	6.00	1.94	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	864	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	175	87.7	200	2.08	
DRO >C10-C28*	12.7	10.0	07/20/2023	ND	184	91.8	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	120	% 49.1-14	8						

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Celey D. Keene



Shari Cisneros

Sample Received By:

Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil
Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 40 2.5' (H233760-40)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.11	105	2.00	1.59	
Toluene*	<0.050	0.050	07/20/2023	ND	2.06	103	2.00	1.08	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	1.98	99.0	2.00	1.59	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	5.97	99.4	6.00	1.94	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1570	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	164	82.0	200	1.24	
DRO >C10-C28*	57.8	10.0	07/20/2023	ND	187	93.4	200	8.12	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	121	% 49.1-14	18						

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Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 41 2.5' (H233760-41)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.11	105	2.00	1.59	
Toluene*	<0.050	0.050	07/20/2023	ND	2.06	103	2.00	1.08	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	1.98	99.0	2.00	1.59	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	5.97	99.4	6.00	1.94	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	164	82.0	200	1.24	
DRO >C10-C28*	69.0	10.0	07/20/2023	ND	187	93.4	200	8.12	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	121	% 49.1-14	18						

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Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 42 2.5' (H233760-42)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.11	105	2.00	1.59	
Toluene*	<0.050	0.050	07/20/2023	ND	2.06	103	2.00	1.08	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	1.98	99.0	2.00	1.59	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	5.97	99.4	6.00	1.94	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	832	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	164	82.0	200	1.24	
DRO >C10-C28*	11.6	10.0	07/20/2023	ND	187	93.4	200	8.12	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	112	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	129	% 49.1-14	18						

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Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 43 2.5' (H233760-43)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.11	105	2.00	1.59	
Toluene*	<0.050	0.050	07/20/2023	ND	2.06	103	2.00	1.08	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	1.98	99.0	2.00	1.59	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	5.97	99.4	6.00	1.94	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	164	82.0	200	1.24	
DRO >C10-C28*	33.5	10.0	07/20/2023	ND	187	93.4	200	8.12	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	122	% 49.1-14	8						

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Analytical Results For:

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

Tux

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Applyzod By: MC

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 44 2.5' (H233760-44)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.17	108	2.00	2.29	
Toluene*	<0.050	0.050	07/20/2023	ND	2.13	107	2.00	2.57	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.05	103	2.00	1.41	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.13	102	6.00	1.27	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	164	82.0	200	1.24	
DRO >C10-C28*	52.9	10.0	07/20/2023	ND	187	93.4	200	8.12	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	123	% 49.1-14	8						

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07/19/2023

Soil

Analytical Results For:

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

Received: 07/19/2023 Sampling Date:
Reported: 07/21/2023 Sampling Type:

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Analyzed By: MS

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 45 2.5' (H233760-45)

BTEX 8021B

DIEX GOZID	ıııg,	Ng .	Allulyzo	a by. 1-15					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.17	108	2.00	2.29	
Toluene*	<0.050	0.050	07/20/2023	ND	2.13	107	2.00	2.57	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.05	103	2.00	1.41	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.13	102	6.00	1.27	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2760	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	164	82.0	200	1.24	
DRO >C10-C28*	<10.0	10.0	07/20/2023	ND	187	93.4	200	8.12	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	104 %	26 48.2-13	4						
Surrogate: 1-Chlorooctadecane	121 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 46 2.5' (H233760-46)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.17	108	2.00	2.29	
Toluene*	<0.050	0.050	07/20/2023	ND	2.13	107	2.00	2.57	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.05	103	2.00	1.41	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.13	102	6.00	1.27	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1810	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	164	82.0	200	1.24	
DRO >C10-C28*	56.8	10.0	07/20/2023	ND	187	93.4	200	8.12	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	123	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 47 2.5' (H233760-47)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.17	108	2.00	2.29	
Toluene*	<0.050	0.050	07/20/2023	ND	2.13	107	2.00	2.57	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.05	103	2.00	1.41	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.13	102	6.00	1.27	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1070	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	164	82.0	200	1.24	
DRO >C10-C28*	77.9	10.0	07/20/2023	ND	187	93.4	200	8.12	
EXT DRO >C28-C36	15.6	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	107	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	130	% 49.1-14	8						

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Sample Received By:

Shari Cisneros

Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil
Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 48 2.5' (H233760-48)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.17	108	2.00	2.29	
Toluene*	<0.050	0.050	07/20/2023	ND	2.13	107	2.00	2.57	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.05	103	2.00	1.41	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.13	102	6.00	1.27	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	164	82.0	200	1.24	
DRO >C10-C28*	<10.0	10.0	07/20/2023	ND	187	93.4	200	8.12	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	97.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113	% 49.1-14	8						

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Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 226502 Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 49 2.5' (H233760-49)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.17	108	2.00	2.29	
Toluene*	<0.050	0.050	07/20/2023	ND	2.13	107	2.00	2.57	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.05	103	2.00	1.41	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.13	102	6.00	1.27	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	880	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	164	82.0	200	1.24	
DRO >C10-C28*	<10.0	10.0	07/20/2023	ND	187	93.4	200	8.12	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	98.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114 9	% 49.1-14	8						

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Celey D. Keene



Shari Cisneros

Sample Received By:

Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Name: Project Number: 226502

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 50 2.5' (H233760-50)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.17	108	2.00	2.29	
Toluene*	<0.050	0.050	07/20/2023	ND	2.13	107	2.00	2.57	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.05	103	2.00	1.41	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.13	102	6.00	1.27	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2640	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	164	82.0	200	1.24	
DRO >C10-C28*	<10.0	10.0	07/20/2023	ND	187	93.4	200	8.12	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	101 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118 9	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023
Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 51 2.5' (H233760-51)

BTEX 8021B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.17	108	2.00	2.29	
Toluene*	<0.050	0.050	07/20/2023	ND	2.13	107	2.00	2.57	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.05	103	2.00	1.41	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.13	102	6.00	1.27	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3360	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	164	82.0	200	1.24	
DRO >C10-C28*	<10.0	10.0	07/20/2023	ND	187	93.4	200	8.12	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 52 2.5' (H233760-52)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.17	108	2.00	2.29	
Toluene*	<0.050	0.050	07/20/2023	ND	2.13	107	2.00	2.57	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.05	103	2.00	1.41	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.13	102	6.00	1.27	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	992	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	164	82.0	200	1.24	
DRO >C10-C28*	<10.0	10.0	07/20/2023	ND	187	93.4	200	8.12	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	115	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	133	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 53 2.5' (H233760-53)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.17	108	2.00	2.29	
Toluene*	<0.050	0.050	07/20/2023	ND	2.13	107	2.00	2.57	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.05	103	2.00	1.41	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.13	102	6.00	1.27	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1760	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2023	ND	164	82.0	200	1.24	
DRO >C10-C28*	52.3	10.0	07/21/2023	ND	187	93.4	200	8.12	
EXT DRO >C28-C36	<10.0	10.0	07/21/2023	ND					
Surrogate: 1-Chlorooctane	127	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	147	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023
Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 54 2.5' (H233760-54)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.17	108	2.00	2.29	
Toluene*	<0.050	0.050	07/20/2023	ND	2.13	107	2.00	2.57	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.05	103	2.00	1.41	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.13	102	6.00	1.27	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	164	82.0	200	1.24	
DRO >C10-C28*	<10.0	10.0	07/20/2023	ND	187	93.4	200	8.12	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	89.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100	% 49.1-14	8						

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Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 55 2.5' (H233760-55)

BTEX 8021B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.17	108	2.00	2.29	
Toluene*	<0.050	0.050	07/20/2023	ND	2.13	107	2.00	2.57	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.05	103	2.00	1.41	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.13	102	6.00	1.27	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	976	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	164	82.0	200	1.24	
DRO >C10-C28*	60.8	10.0	07/20/2023	ND	187	93.4	200	8.12	
EXT DRO >C28-C36	10.5	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	102 5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	121 9	% 49.1-14	8						

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Shari Cisneros

Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Sample Received By: Project Number: 226502

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 56 5' (H233760-56)

BTEX 8021B	mg/kg		Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.17	108	2.00	2.29	
Toluene*	<0.050	0.050	07/20/2023	ND	2.13	107	2.00	2.57	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.05	103	2.00	1.41	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.13	102	6.00	1.27	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	164	82.0	200	1.24	
DRO >C10-C28*	<10.0	10.0	07/20/2023	ND	187	93.4	200	8.12	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	103 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	121 9	% 49.1-14	8						

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07/19/2023

Shari Cisneros

Analytical Results For:

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

Received: 07/19/2023

0/2023 Sampling Date:
1/2023 Sampling Type:

07/21/2023 Sampling Type: Soil
THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Sample Received By:

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

ma/ka

Sample ID: CS - 57 5' (H233760-57)

Reported:

RTFY 8021R

Project Name:

B1EX 8021B	mg/	кд	Anaiyze	а ву: мѕ					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.17	108	2.00	2.29	
Toluene*	<0.050	0.050	07/20/2023	ND	2.13	107	2.00	2.57	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.05	103	2.00	1.41	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.13	102	6.00	1.27	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	864	16.0	07/20/2023	ND	416	104	400	3.77	QM-07
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	164	82.0	200	1.24	
DRO >C10-C28*	14.9	10.0	07/20/2023	ND	187	93.4	200	8.12	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117	% 49.1-14	8						

Applyzod By: MC

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Celey D. Keene



Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 226502 Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 58 5' (H233760-58)

BTEX 8021B	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.17	108	2.00	2.29	
Toluene*	<0.050	0.050	07/20/2023	ND	2.13	107	2.00	2.57	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.05	103	2.00	1.41	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.13	102	6.00	1.27	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 %	71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3360	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	164	82.0	200	1.24	
DRO >C10-C28*	607	10.0	07/20/2023	ND	187	93.4	200	8.12	
EXT DRO >C28-C36	231	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	101 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	141 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact Shari Cisneros Project Number: 226502 Sample Received By:

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 59 3' (H233760-59)

BTEX 8021B	mg/	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.17	108	2.00	2.29	
Toluene*	<0.050	0.050	07/20/2023	ND	2.13	107	2.00	2.57	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.05	103	2.00	1.41	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.13	102	6.00	1.27	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1720	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	164	82.0	200	1.24	
DRO >C10-C28*	23.8	10.0	07/20/2023	ND	187	93.4	200	8.12	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	98.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116 9	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Applyzod By: MC

Project Location: DEVON - EDDY CO., NM

ma/ka

Sample ID: CS - 60 3' (H233760-60)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.17	108	2.00	2.29	
Toluene*	<0.050	0.050	07/20/2023	ND	2.13	107	2.00	2.57	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.05	103	2.00	1.41	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.13	102	6.00	1.27	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2640	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	157	78.5	200	5.02	
DRO >C10-C28*	<10.0	10.0	07/20/2023	ND	158	79.1	200	5.20	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	107	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116	% 49.1-14	8						

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Shari Cisneros

Sample Received By:

Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil
Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 61 5' (H233760-61)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.17	108	2.00	2.29	
Toluene*	<0.050	0.050	07/20/2023	ND	2.13	107	2.00	2.57	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.05	103	2.00	1.41	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.13	102	6.00	1.27	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	157	78.5	200	5.02	
DRO >C10-C28*	11.3	10.0	07/20/2023	ND	158	79.1	200	5.20	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	113	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	121	% 49.1-14	8						

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Shari Cisneros

Sample Received By:

Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil
Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

ma/ka

Sample ID: CS - 62 5' (H233760-62)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.17	108	2.00	2.29	
Toluene*	<0.050	0.050	07/20/2023	ND	2.13	107	2.00	2.57	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.05	103	2.00	1.41	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.13	102	6.00	1.27	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1010	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	157	78.5	200	5.02	
DRO >C10-C28*	<10.0	10.0	07/20/2023	ND	158	79.1	200	5.20	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	105	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114	% 49.1-14	8						

Applyzod By: MC

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Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 226502 Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 63 5' (H233760-63)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.17	108	2.00	2.29	
Toluene*	<0.050	0.050	07/20/2023	ND	2.13	107	2.00	2.57	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.05	103	2.00	1.41	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.13	102	6.00	1.27	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	157	78.5	200	5.02	
DRO >C10-C28*	<10.0	10.0	07/20/2023	ND	158	79.1	200	5.20	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	107 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 64 3' (H233760-64)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.18	109	2.00	2.70	
Toluene*	<0.050	0.050	07/20/2023	ND	2.08	104	2.00	0.403	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.24	112	2.00	1.13	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.71	112	6.00	0.413	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1550	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	157	78.5	200	5.02	
DRO >C10-C28*	22.9	10.0	07/20/2023	ND	158	79.1	200	5.20	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	110	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	124	% 49.1-14	18						

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Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact Shari Cisneros Project Number: 226502 Sample Received By:

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 65 1' (H233760-65)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.18	109	2.00	2.70	
Toluene*	<0.050	0.050	07/20/2023	ND	2.08	104	2.00	0.403	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.24	112	2.00	1.13	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.71	112	6.00	0.413	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 %	6 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	157	78.5	200	5.02	
DRO >C10-C28*	173	10.0	07/20/2023	ND	158	79.1	200	5.20	
EXT DRO >C28-C36	47.9	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	106 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116 9	6 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 226502 Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 66 1' (H233760-66)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.18	109	2.00	2.70	
Toluene*	<0.050	0.050	07/20/2023	ND	2.08	104	2.00	0.403	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.24	112	2.00	1.13	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.71	112	6.00	0.413	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	864	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	157	78.5	200	5.02	
DRO >C10-C28*	935	10.0	07/20/2023	ND	158	79.1	200	5.20	
EXT DRO >C28-C36	221	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	108 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	151 9	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023 Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 226502 Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: SW - 1 0-2.5' (H233760-67)

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	07/20/2023	ND	2.18	109	2.00	2.70	
Toluene*	<0.050	0.050	07/20/2023	ND	2.08	104	2.00	0.403	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.24	112	2.00	1.13	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.71	112	6.00	0.413	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1220	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	157	78.5	200	5.02	
DRO >C10-C28*	4170	10.0	07/20/2023	ND	158	79.1	200	5.20	
EXT DRO >C28-C36	1440	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	108 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	183 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Analyzed By: 1H /

Project Location: DEVON - EDDY CO., NM

Sample ID: SW - 2 0-2.5' (H233760-68)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.18	109	2.00	2.70	
Toluene*	<0.050	0.050	07/20/2023	ND	2.08	104	2.00	0.403	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.24	112	2.00	1.13	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.71	112	6.00	0.413	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2023	ND	157	78.5	200	5.02	
DRO >C10-C28*	115	10.0	07/21/2023	ND	158	79.1	200	5.20	
EXT DRO >C28-C36	29.0	10.0	07/21/2023	ND					
Surrogate: 1-Chlorooctane	118	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	141	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: SW - 3 0-2.5' (H233760-69)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.18	109	2.00	2.70	
Toluene*	<0.050	0.050	07/20/2023	ND	2.08	104	2.00	0.403	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.24	112	2.00	1.13	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.71	112	6.00	0.413	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2023	ND	157	78.5	200	5.02	
DRO >C10-C28*	16.0	10.0	07/21/2023	ND	158	79.1	200	5.20	
EXT DRO >C28-C36	<10.0	10.0	07/21/2023	ND					
Surrogate: 1-Chlorooctane	107	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	124	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 226502 Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: SW - 4 0-2.5' (H233760-70)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.18	109	2.00	2.70	
Toluene*	<0.050	0.050	07/20/2023	ND	2.08	104	2.00	0.403	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.24	112	2.00	1.13	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.71	112	6.00	0.413	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2023	ND	157	78.5	200	5.02	
DRO >C10-C28*	20.8	10.0	07/21/2023	ND	158	79.1	200	5.20	
EXT DRO >C28-C36	<10.0	10.0	07/21/2023	ND					
Surrogate: 1-Chlorooctane	104 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	120 9	% 49.1-14	8						

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Shari Cisneros

Sample Received By:

Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil
Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

Sample ID: SW - 5 0-2.5' (H233760-71)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.18	109	2.00	2.70	
Toluene*	<0.050	0.050	07/20/2023	ND	2.08	104	2.00	0.403	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.24	112	2.00	1.13	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.71	112	6.00	0.413	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	157	78.5	200	5.02	
DRO >C10-C28*	235	10.0	07/20/2023	ND	158	79.1	200	5.20	
EXT DRO >C28-C36	36.2	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	113	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	143	% 49.1-14	8						

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Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 226502 Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: SW - 6 0-2.5' (H233760-72)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.18	109	2.00	2.70	
Toluene*	<0.050	0.050	07/20/2023	ND	2.08	104	2.00	0.403	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.24	112	2.00	1.13	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.71	112	6.00	0.413	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	157	78.5	200	5.02	
DRO >C10-C28*	288	10.0	07/20/2023	ND	158	79.1	200	5.20	
EXT DRO >C28-C36	108	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	106 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	150 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 07/19/2023

Reported: 07/21/2023

Project Name: THISTLE 44 AND 46

Project Number: 226502

Project Location: DEVON - EDDY CO., NM Sampling Date: 07/19/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Shari Cisneros

Sample ID: SW - 7 0-2.5' (H233760-73)

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.18	109	2.00	2.70	
Toluene*	<0.050	0.050	07/20/2023	ND	2.08	104	2.00	0.403	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.24	112	2.00	1.13	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.71	112	6.00	0.413	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1120	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	157	78.5	200	5.02	
DRO >C10-C28*	210	10.0	07/20/2023	ND	158	79.1	200	5.20	
EXT DRO >C28-C36	56.4	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	109	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	141	% 49.1-14	8						

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Analytical Results For:

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

07/19/2023

Reported: 07/21/2023

Project Name: THISTLE 44 AND 46

Project Number: 226502

Received:

Project Location: DEVON - EDDY CO., NM

Sampling Date: 07/19/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact

Sample Received By: Shari Cisneros

Sample ID: SW - 8 0-2.5' (H233760-74)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.18	109	2.00	2.70	
Toluene*	<0.050	0.050	07/20/2023	ND	2.08	104	2.00	0.403	
Ethylbenzene*	< 0.050	0.050	07/20/2023	ND	2.24	112	2.00	1.13	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.71	112	6.00	0.413	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4320	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	157	78.5	200	5.02	
DRO >C10-C28*	2460	10.0	07/20/2023	ND	158	79.1	200	5.20	
EXT DRO >C28-C36	595	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	96.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119	% 49.1-14	8						

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Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: SW - 9 0-2.5' (H233760-75)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.18	109	2.00	2.70	
Toluene*	<0.050	0.050	07/20/2023	ND	2.08	104	2.00	0.403	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.24	112	2.00	1.13	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.71	112	6.00	0.413	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 %	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2320	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	157	78.5	200	5.02	
DRO >C10-C28*	799	10.0	07/20/2023	ND	158	79.1	200	5.20	
EXT DRO >C28-C36	271	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	104 9	% 48.2-13	4						

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Shari Cisneros

Sample Received By:

Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

Sample ID: SW - 10 0-2.5' (H233760-76)

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.18	109	2.00	2.70	
Toluene*	<0.050	0.050	07/20/2023	ND	2.08	104	2.00	0.403	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.24	112	2.00	1.13	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.71	112	6.00	0.413	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1220	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	157	78.5	200	5.02	
DRO >C10-C28*	138	10.0	07/20/2023	ND	158	79.1	200	5.20	
EXT DRO >C28-C36	79.7	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	100	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	123	% 49.1-14	'8						

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Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023 Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 226502 Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: SW - 11 0-2.5' (H233760-77)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.18	109	2.00	2.70	
Toluene*	<0.050	0.050	07/20/2023	ND	2.08	104	2.00	0.403	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.24	112	2.00	1.13	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.71	112	6.00	0.413	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4720	16.0	07/20/2023	ND	432	108	400	0.00	QM-07
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	157	78.5	200	5.02	
DRO >C10-C28*	488	10.0	07/20/2023	ND	158	79.1	200	5.20	
EXT DRO >C28-C36	187	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	105	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	174	% 49.1-14	8						

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Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 226502 Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: SW - 12 0-2.5' (H233760-78)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.18	109	2.00	2.70	
Toluene*	<0.050	0.050	07/20/2023	ND	2.08	104	2.00	0.403	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.24	112	2.00	1.13	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.71	112	6.00	0.413	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1490	16.0	07/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	157	78.5	200	5.02	
DRO >C10-C28*	349	10.0	07/20/2023	ND	158	79.1	200	5.20	
EXT DRO >C28-C36	124	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	84.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109 9	% 49.1-14	8						

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07/19/2023

Shari Cisneros

Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: Reported:

07/21/2023 Sampling Type: Soil THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Sample Received By:

Project Number: 226502

Project Name:

Project Location: DEVON - EDDY CO., NM

Sample ID: SW - 13 0-2.5' (H233760-79)

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.18	109	2.00	2.70	
Toluene*	<0.050	0.050	07/20/2023	ND	2.08	104	2.00	0.403	
Ethylbenzene*	0.093	0.050	07/20/2023	ND	2.24	112	2.00	1.13	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.71	112	6.00	0.413	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	127	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7400	16.0	07/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	19.9	10.0	07/20/2023	ND	157	78.5	200	5.02	
DRO >C10-C28*	3790	10.0	07/20/2023	ND	158	79.1	200	5.20	
EXT DRO >C28-C36	769	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	127	% 49.1-14	'8						

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Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 226502 Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: SW - 14 0-2.5' (H233760-80)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.18	109	2.00	2.70	
Toluene*	<0.050	0.050	07/20/2023	ND	2.08	104	2.00	0.403	
Ethylbenzene*	< 0.050	0.050	07/20/2023	ND	2.24	112	2.00	1.13	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.71	112	6.00	0.413	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 %	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	07/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	165	82.6	200	2.48	
DRO >C10-C28*	42.5	10.0	07/20/2023	ND	173	86.6	200	1.90	
EXT DRO >C28-C36	16.1	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	107 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	123 9	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 226502 Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: SW - 15 0-2.5' (H233760-81)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.18	109	2.00	2.70	
Toluene*	<0.050	0.050	07/20/2023	ND	2.08	104	2.00	0.403	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.24	112	2.00	1.13	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.71	112	6.00	0.413	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3160	16.0	07/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	165	82.6	200	2.48	
DRO >C10-C28*	212	10.0	07/20/2023	ND	173	86.6	200	1.90	
EXT DRO >C28-C36	52.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	101 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	132 9	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 226502 Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: SW - 16 0-2.5' (H233760-82)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.18	109	2.00	2.70	
Toluene*	<0.050	0.050	07/20/2023	ND	2.08	104	2.00	0.403	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.24	112	2.00	1.13	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.71	112	6.00	0.413	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 %	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	07/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	165	82.6	200	2.48	
DRO >C10-C28*	104	10.0	07/20/2023	ND	173	86.6	200	1.90	
EXT DRO >C28-C36	45.6	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	103 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118 9	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 226502 Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: SW - 17 0-2.5' (H233760-83)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.18	109	2.00	2.70	
Toluene*	<0.050	0.050	07/20/2023	ND	2.08	104	2.00	0.403	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.24	112	2.00	1.13	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.71	112	6.00	0.413	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 %	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8800	16.0	07/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	165	82.6	200	2.48	
DRO >C10-C28*	3610	10.0	07/20/2023	ND	173	86.6	200	1.90	
EXT DRO >C28-C36	970	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	109 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	144 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 07/19/2023

07/21/2023

Sampling Date:

Project Name:

Reported:

THISTLE 44 AND 46

Sampling Type: Soil

Project Number:

226502

Sampling Condition: Cool & Intact Sample Received By:

Project Location:

Shari Cisneros

07/19/2023

DEVON - EDDY CO., NM

Sample ID: SW - 18 0-5' (H233760-84)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	1.98	98.8	2.00	3.07	
Toluene*	<0.050	0.050	07/20/2023	ND	1.91	95.6	2.00	3.63	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	1.91	95.6	2.00	2.62	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.20	103	6.00	2.34	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1440	16.0	07/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	165	82.6	200	2.48	
DRO >C10-C28*	71.5	10.0	07/20/2023	ND	173	86.6	200	1.90	
EXT DRO >C28-C36	25.1	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	106 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	123 9	% 49.1-14	8						

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Sample Received By:

07/19/2023

Shari Cisneros

Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date:

Reported: 07/21/2023 Sampling Type: Soil
Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

Sample ID: SW - 19 0-5' (H233760-85)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	1.98	98.8	2.00	3.07	
Toluene*	<0.050	0.050	07/20/2023	ND	1.91	95.6	2.00	3.63	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	1.91	95.6	2.00	2.62	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.20	103	6.00	2.34	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1070	16.0	07/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	165	82.6	200	2.48	
DRO >C10-C28*	96.0	10.0	07/20/2023	ND	173	86.6	200	1.90	
EXT DRO >C28-C36	35.5	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117 9	% 49.1-14	8						

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Shari Cisneros

Sample Received By:

Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil
Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

Sample ID: SW - 20 0-1' (H233760-86)

BTEX 8021B	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	1.98	98.8	2.00	3.07	
Toluene*	<0.050	0.050	07/20/2023	ND	1.91	95.6	2.00	3.63	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	1.91	95.6	2.00	2.62	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.20	103	6.00	2.34	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	752	16.0	07/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	165	82.6	200	2.48	
DRO >C10-C28*	449	10.0	07/20/2023	ND	173	86.6	200	1.90	
EXT DRO >C28-C36	195	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	98.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113 9	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 226502 Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: SW - 21 0-3' (H233760-87)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	1.98	98.8	2.00	3.07	
Toluene*	<0.050	0.050	07/20/2023	ND	1.91	95.6	2.00	3.63	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	1.91	95.6	2.00	2.62	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.20	103	6.00	2.34	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3360	16.0	07/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2023	ND	165	82.6	200	2.48	
DRO >C10-C28*	2030	10.0	07/21/2023	ND	173	86.6	200	1.90	
EXT DRO >C28-C36	670	10.0	07/21/2023	ND					
Surrogate: 1-Chlorooctane	106 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	127 9	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 226502 Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: SW - 22 2.5-5' (H233760-88)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	1.98	98.8	2.00	3.07	
Toluene*	<0.050	0.050	07/20/2023	ND	1.91	95.6	2.00	3.63	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	1.91	95.6	2.00	2.62	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.20	103	6.00	2.34	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	07/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	165	82.6	200	2.48	
DRO >C10-C28*	<10.0	10.0	07/20/2023	ND	173	86.6	200	1.90	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	105 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 07/19/2023

Reported: 07/21/2023

Project Name: THISTLE 44 AND 46

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

Sampling Date: 07/19/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shari Cisneros

Sample ID: SW - 23 3-5' (H233760-89)

RTFY 8021R

BIEX 8021B	mg,	кg	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	1.98	98.8	2.00	3.07	
Toluene*	<0.050	0.050	07/20/2023	ND	1.91	95.6	2.00	3.63	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	1.91	95.6	2.00	2.62	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.20	103	6.00	2.34	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	07/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	165	82.6	200	2.48	
DRO >C10-C28*	20.2	10.0	07/20/2023	ND	173	86.6	200	1.90	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	107	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119	% 49.1-14	8						

Applyzod By: MC

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07/19/2023

Soil

Analytical Results For:

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

Received: 07/19/2023 Sampling Date:
Reported: 07/21/2023 Sampling Type:

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: SW - 24 1-5' (H233760-90)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	1.98	98.8	2.00	3.07	
Toluene*	<0.050	0.050	07/20/2023	ND	1.91	95.6	2.00	3.63	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	1.91	95.6	2.00	2.62	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.20	103	6.00	2.34	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1180	16.0	07/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	165	82.6	200	2.48	
DRO >C10-C28*	800	10.0	07/20/2023	ND	173	86.6	200	1.90	
EXT DRO >C28-C36	270	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	127	% 49.1-14	18						

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Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact Shari Cisneros Project Number: 226502 Sample Received By:

Project Location: DEVON - EDDY CO., NM

Sample ID: SW - 25 (H233760-91)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	1.98	98.8	2.00	3.07	
Toluene*	<0.050	0.050	07/20/2023	ND	1.91	95.6	2.00	3.63	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	1.91	95.6	2.00	2.62	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.20	103	6.00	2.34	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	07/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2023	ND	165	82.6	200	2.48	
DRO >C10-C28*	1150	10.0	07/21/2023	ND	173	86.6	200	1.90	
EXT DRO >C28-C36	330	10.0	07/21/2023	ND					
Surrogate: 1-Chlorooctane	114 %	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	129 9	% 49.1-14	8						

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Notes and Definitions

S	-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
Ç	PR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
Ç	M-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
N	ID	Analyte NOT DETECTED at or above the reporting limit
R	.PD	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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Project Manager:	Ethan Sessu	ms			Bill to: (if	f different)		Wes	ley Ma	thews							Work	Order	Comments	
Company Name:	NTG Environ	mental			Compan	y Name:		Devo	n Ene	rgy				Pi	ogram:	UST/PS	T PRP	Brov	vnfields RRC	uperfund
Address:	402 E Wood	Ave			Address	Y.		6488	Sever	Rivers	Highway				ate of P					
City, State ZIP:	Carlsbad, NN	1 88220			City, Sta	ite ZIP:		Artes	sia, NN	188210				R	eporting:	Level II	Level II	□s	T/UST TRRP	Level IV
Phone:	254-266-5456	6		Email	Wesley	Mathew	s@dvn.	com						D	eliverable	es: EDD		ADaF	PT Other:	
Project Name:	Th ist	e 44 and	14%	Tur	n Around							ANIA	I VEIC	REQUE	ет					. 0 - 4
Project Number:		502	110	Routine	Rus		Pres.		Г			ANA	LTSIS	REQUE	31	T		T	Preservative	
Project Location	Eddy	1 A	M	Due Date:		Shr	Code			\vdash		1			_	+		+		Water:
Sampler's Name:	e: K5+5T TAT star		TAT starts the	-			1	MRO)										0.007755	leOH: Me INO ₃ : HN	
PO #:	2090	1555/			eived by 4:3		yo .		+										1.283	aOH: Na
SAMPLE RECE	IPT Te	emp Blank:	Yes Mo	Wet Ice:	Yes) No	Parameters	8	DRO	4500									H ₃ PO ₄ : HP	
Received Intact:	4	es No	Thermome	eter ID:	14	10	aran	8021B	+									НОГР	NaHSO ₄ : NABIS	
Cooler Custody Sea		No (N/A)	Correction		_		4	ВТЕХ	(GRO	Chloride								9	Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Se	als: Yes	No (N/A		ure Reading:	36			m	8015M (5									Zn Acetate+NaOH:	Zn
Total Containers:			Corrected	Temperature:	-	#(40			H 80										NaOH+Ascorbic Ac	id: SAP
Sample Ide	ntification	Date	Time	Soil	Water	Grab/ Comp	# of Cont		TPH										Sample Con	nments
CS		7/19/0	12:00	X		4		X	X	X										
ws-		1	12:07	1		1	1	1	1	i										
45-7			17:04																	
05-4	2.51		12:06																	
C5-5	2.5'		12:08																	
65-6	2.5		12:10				1													
C5-7	25'		12:12					11	1			-								
68-8	Z.5	++-	17:19	-				1		1										
C5-9	2.5		12:16	1		1		1		H		-			-					
cs-/0	6.7		12:18)		,		,	4	Ш										
Additi	onal Commen	its:								1										
	document and relin																			

Relinquished by: (Signature) Received by: (Signature) Date/Time Relinquished by: (Signature) Received by: (Signature) Date/Time

Chain of Custody

Work Order No: H233760

3760

Project Manager:	Ethan Sessun	ns			Bill to:	(if different)		Wa	lov MA	athews										Page /	_of_10
Company Name:	NTG Environn	nental			100000	ny Name:								-						Comments	
Address:	402 E Wood A	Ave			Addres		-		on Ene					_	Program	n: UST/P	ST []	PRP [Brov	wnfields RRC	uperfund [
City, State ZIP:	Carlsbad, NM	88220			100						rs High	vay			State of	Project:	:				
Phone:	254-266-5456					ate ZIP:			sia, NI	M 8821	0				Reportin	g:Level I	I Le	vel III	□ s	T/UST TRRP [Level IV
			1 /	Emai	l: Wesle	y.Mathev	vs@dvn	.com							Delivera	bles: ED	D O			PT Other:	7.74
Project Name:	7 45	he 440	nd 46	Tu	n Around	d						ΔΙ	NALYSIS	PEO	IECT		-				
Project Number:				Routine	Ru	sh	Pres. Code		T	T			ALISI	KEQ	DEST	_				Preservativ	e Codes
Project Location	Edd	y (0)	UM	Due Date:	42	Bhi	0000					+	+		-	-	-			None: NO	Ol Water: H ₂ O
Sampler's Name:	K5+1	JT		TAT starts the	day receiv	ved by the			MRO)											Cool: Cool N	MeOH: Me
PO #:				lab, if rec	eived by 4:	30pm	so.	1	¥					1 1						HCL: HC	HNO3: HN
SAMPLE RECEI	steels (185 Marin.)	Wet Ice:	Yes	No	Parameters	m	DRO	0										H ₂ S0 ₄ : H ₂ N	NaOH: Na		
Received Intact:			Thermome	eter ID:	14		Ta Ta	BTEX 8021B	+	4500										H ₃ PO ₄ : HP	
Cooler Custody Seals		No (N/A)	Correction	Factor:	-		Pa	X	GRO	Chloride									HOLD	NaHSO ₄ : NABIS	
Sample Custody Seal Total Containers:	ls: Yes	No (NA)		ure Reading:	3.20	· #140		B B	W	Chic							1 1		1	Na ₂ S ₂ O ₃ : NaSO ₃	
otal Containers:			Corrected	Temperature:	_				8015M (GRO											Zn Acetate+NaOH:	7
Sample Ident	7-112-1-1	Date	Time	Soil	Water	Grab/ Comp	# of Cont		ТРН											NaOH+Ascorbic Ac	
CS-11	2.5'	7/9/2	12:20	1		(1	Y	X	V	-	-	+		_	-				Sample Con	nments
CS-12	2.5'	1	17:22	1		1	1	1	7	1	-	_	-								
CS-13	2.5'		12:24			H	-		-	H	-	-	+								
CS-14	2.5'		12:26			$\overline{}$	-		-	+	-	_	\perp								
CS-15	2.5'		12:20					+	+	+	_										
CS-16	2.5'		12:37		-	$\overline{}$	-	+	+	\perp											
cs-17	7.5		12:32		-	$\overline{}$	-	\perp	11	\perp											
C5-118	2.5			-				\perp	1												
C5-19	2.51	1	17:34					\perp	1	1									1		
C5-20	2.5'		17:36	-															_		
	4.3	4	17 50										_	_	_						

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

Relinquished by: (Signature)	Received by: (Signature)		se terms will be enforced unless previously neg	otiated.	
- AUST		Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
	Show Corners	7/19/23 15:15	2		- did fillo
			4		
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Relinquished by: (Signature)

Received by: (Signature)

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Project Manager:	Ethan Sessu	ms			Bill to:	if different)		Wes	slev Ma	thews									100		_of_/0
Company Name:	NTG Environ	mental			Compa	ny Name:			on Ene					1 5						Comments	
Address:	402 E Wood	Ave			Addres						s Highway			- P	rogram	: UST/P	ST LIP	RP _	Brow	vnfields RRC	uperfund
City, State ZIP:	Carlsbad, NN	1 88220			City, St									_		Project:					
Phone:	254-266-5456	6		Email		y.Mathew	r @dun	_	sia, ivi	1 88210	1									T/UST TRRP	Level IV
Project Name:	T1:-	He \$649	14.11	1	-		SWUVII.	COM							eliverab	les: ED	DЦ	1	ADaP	PT Other:	
Project Number:	1400	FIE 40/7	099 96		n Around		Pres.		_			ANA	LYSIS	REQUE	ST					Preservative	Codes
	-11	/ /	1.10	Routine	Ru		Code										T				
Project Location Sampler's Name:	Eddy	CON	1	Due Date:	461																Water: H ₂ O
PO #:	KS.	- 21		TAT starts the	day received	ved by the		1	MRO)						1	1		- 1			eOH: Me
SAMPLE RECEI	t: Yes No Thermometer	lab, if reci	eived by 4:	30pm	S	1	+												NO ₃ : HN aOH: Na		
Received Intact:				No	nete	8	DRO	4500			1 1							H ₃ PO ₄ : HP	On. Na		
Cooler Custody Seals	Yes No NA Correction F			10	10	Parameters	802	GRO +										q	NaHSO ₄ : NABIS		
Sample Custody Sea	Name of the last	No N/A	-		20	6	1000	BTEX 8021B	95	Chloride									HOLD	Na ₂ S ₂ O ₃ : NaSO ₃	
otal Containers:	103	140 CAN		re Reading: Temperature:	3.20	# 140		-	8015M (5										Zn Acetate+NaOH: Z	Žn.
- 1,000	SCALE OF THE PARTY		Corrected	remperature;					1 80 H											NaOH+Ascorbic Acid	
Sample Iden	tification	Date	Time	Soil	Water	Grab/ Comp	# of Cont		TPH												
15-21	7.5'	7/19/3	12:40	V.		6	1	~	X	y	-	+	\vdash	-	+	-				Sample Comr	ments
5-22	2.5'	11/10	12:42	1		7	-	4	^	<u></u>	-	+		-	-						
cs-23	2.5'		12:44			4	1	-	1	+	_	+		_							
	2.5'		17:46			-	-	+	+	+	_	-		_	_						
525	Z.5'		12:49			4	+	+	+	+	-	-		_							
	2.5		12:50		-	7	-	+	+H	+	_										
	2.5		12:57			1	+	-	+	+											
5-28	2.5		12:54	1		4		+	+	++	-										
	2.5'		12:56		-	-	-	\mathcal{H}	-	11											
5-30	2.51		12:58	1		(\perp	\perp	1	11											
			12.00	- 1		Z	,J		1	1											
Addition	nal Comments	S:																	_		
tice: Signature of this do service. Xenco will be lie	cument and relinq	uishment of samples st of samples and a applied to each pr	es constitutes	a valid purchase	order from	client com	V-		4500												

Date/Time

19/23

Relinquished by: (Signature)

Date/Time

Received by: (Signature)

Project Manager:	Ethan Sessur				Bill to: (if different)		Wes	ley Ma	athews							Work (Order	Page	• of/
Company Name:	NTG Environ	mental			Compa	ny Name:			on Ene					p,	rogram: II				vnfields RRC	
Address:	402 E Wood	Ave			Address	s:					rs Highway	,			ate of Pro		_PKP	_Brov	vintields LRRC	uperfur
City, State ZIP:	Carlsbad, NM	188220			City, Sta	1000				M 8821				⊣ 1			Level III	Пье	T/UST TRRP	П
Phone:	254-266-5456	3		Emai	I: Wesley		vs@dvn		Jia, Iti	W 002 1	0				eliverables				_	
Project Name:	This	1- 44.	and 46					T										ADar	Other:	
Project Number:	/ 10/15/	2110	700 70	Routine	n Around		Pres.	-		1		ANA	LYSIS R	EQUE	ST		_	_	Preserva	tive Codes
Project Location	Eld	x Los	VM	Due Date:	U/	1,	Code	-	-	+	-	-	-	-					None: NO	DI Water: I
Sampler's Name:	KS4	T	-	TAT starts the	1 77	74			6										Cool: Cool	MeOH: Me
PO #:	7	01		lab, if rec	eived by 4:	ed by the 30pm			MR					- 1	-1-1			1	HCL: HC	HNO ₃ : HN
SAMPLE RECE	PT Ter	mp Blank:	Yes No	Wet Ice:	Yas	No	Parameters	_	80						1 1			1	H ₂ S0 ₄ : H ₂	NaOH: Na
Received Intact:	eived Intact: Yes No Then			eter ID:	_	40	ame	021E	+	4500			1 1						H ₃ PO ₄ ; HP	
Cooler Custody Seal		No NA	Correction	Factor:	1		Par	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride								НОГР	NaHSO ₄ : NABIS	
ample Custody Sea	ly Seals: Yes No MA	Temperati	ure Reading:	3.2c	++ 140		B	N	Chic								_ x	Na ₂ S ₂ O ₃ : NaSO		
otal Containers:			Corrected	Temperature:	-	_			8015						1 1				Zn Acetate+NaC	
Sample Ident	tification	Date	Time	Soil	Water	Grab/	# of Cont		TPH										NaOH+Ascorbic	
65.31	2.5'	7/19/2	1:00	X		Comp	7	×	X	Y		+	-	-	\perp	_			Sample	Comments
c5-37	7.5'	1	1:02	1		1	1	1	7	1		-	\vdash	+	-	-		-		
CS-33	2.5'		1:04	1			-	1	+	1		-		+	+		\perp			
05-34	2.5		1:06					Н	+	Н		-		+	+	_	-			
CS-35	2.5"		1:08					Н	+	H	-	+		+	+	_	+			
C5-36	2.5		1:10						+	H		+	-	+	+	-	+			
C5-37	2.5'		1:12						+	+	-	-	-	+	+-	-	-			
CS-38	2.5'		1:14					1	+					+	+	+	+			
CS-39	Z.5'		1:15					1	+	H		+		+	+	_	+			
cs-40	2.5	1	1:18	1				+	1	1		+		+	+	+	+			
Additio	nal Comments								1								\perp			
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tice: Signature of this d service. Xenco will be li	ocument and reling	uishment of samp	les constitute	s a valid purchas	e order from	client com	nany to Y	nco it-	affillet											
service. Xenco will be li Kenco. A minimum cha	able only for the cor ge of \$85.00 will be	st of samples and	shall not assu	ime any respons	ibility for an	y losses or	expenses	incurred	by the	es and s	f such losses	rs. It assi are due t	gns standa to circumsta	nd terms	and conditi	ons				
Relinquished by:		-, ps to each p				submitted to	- 1101100, 0	or nor a	naryzec	d. These	terms will b	enforced	unless pre	viously	negotiated.					
1000	(Signature)	N.	Α.	by: (Signatur	e)			ate/Ti	me		Relinqu	ished b	y: (Signa	ture)	R	eceived	by: (Sig	natur	e) D	ate/Time
1000	-	May	Cirno	a_			7/19/	23	15:	15 2	?									
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Relinquished by: (Signature)	Received by: (Signature)	Date/Time			
1000		Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Jour &	how Cimery	1/19/23 15:15	2		
		, ,	4		
			6		

Project Manager:

Company Name:

City, State ZIP:

Address:

Phone:

22:07 PMJ 6 5 FWE

Ethan Sessums

NTG Environmental

Carlsbad, NM 88220

402 E Wood Ave

254-266-5456

Additional Comments:

Relinquished by: (Signature)

Wesley Mathews

Artesia, NM 88210

6488 Seven Rivers Highway

Devon Energy

Bill to: (if different)

Company Name:

City, State ZIP:

lotice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions

Received by: (Signature)

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of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Email: Wesley.Mathews@dvn.com

Address:

Other:

Work Order Comments

Program: UST/PST PRP rownfields RRC uperfund

Reporting:Level II Level III PST/UST TRRP Level IV

Received by: (Signature)

ADaPT

State of Project:

Deliverables: EDD

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Released to Imaging:

Project Name: Thisth	e 44+	46	Tu	rn Aroyind							-	ANALY	YSIS R	EQUE	ST.				Desarro	tion On dear
Project Number:			Routine	V Rush	1	Pres. Code					T			LGOL			T	T		ative Codes
Project Location Edd	V6NV	y	Due Date:	1481	1	0000						-	+	_	+	+	+	+	None: NO	DI Water: H ₂ C
ampler's Name: // O #:	K5+5		TAT starts the		ed by the			MRO)											Cool: Cool HCL: HC	MeOH: Me HNO ₃ : HN
AMPLE RECEIPT T	emp Blank:	Yes No	Wet Ice:	Yes	No	eters	m	DRO 4	0										H ₂ S0 ₄ : H ₂	NaOH: Na
eceived Intact:	Yes No	Thermom		14		aramete	8021B	+	4500										H ₃ PO ₄ : HP	
ooler Custody Seals: Yes	No NA	Correction	Factor:		_	Par	BTEX 8	GRO	Chloride									HOLD	NaHSO ₄ : NABIS	
	No N/A	Temperat	ure Reading:	3.200	#140		B _T	5M (Chic									1	Na ₂ S ₂ O ₃ : NaSC Zn Acetate+Nac	
otal Containers:		Corrected	Temperature:	_				801											NaOH+Ascorbio	
Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont		TPH												Comments
CS-41 2.5°	7/19/23	1:20	X		C	1	X	X	X		-	-	-	+	+	-	-	+		
CS-42 2.5°	1	1:22	1		1	-	1	1	/	-	+	+	-	+	1	-	-	+		
CS-43 2.5°		1:24				1	1	1	1		+	-	+	+	-		+	-		
CS-44 2.5'		1:26			+	-	1	1	-		-	+	+	+	-		+	-		
US-45 2.5'		1:29				1	-	+	1		+	+	+	+	-	-	-	-		
CS-46 2.5'		1.20			1	-	+	+	-	-	+	-	-	+	-	-	-	-		
CS-47 2.5'		1:32			1	1	-		+		+	-	-	+	-		-	-		
CS-48 2.5'		1:34			1	+	+	+	-	-	+	-	+	+	+	-	-			
Ls-49 2.5°		1:36			1	1	-		-	-	-	-	+	+		_	-			
CS-50 75		1.54				1		1	-	-	-	_	-	-	1					

Date/Time

Relinquished by: (Signature)

Date/Time

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ENVIRONMENTAL	

Project Manager:	Ethan Sessui	ms			Bill to: (f different)		Wes	ley Ma	athews							Work	Ordor	Page	of _[C
Company Name:	NTG Environ	mental				ny Name:			on Ene					Dec	aram: I					
Address:	402 E Wood	Ave			Address						rs Highway				ite of Pr]PKP	Brov	vnfields RRC [uperfun
City, State ZIP:	Carlsbad, NN	188220			City, Sta				sia, NN					- 1			ovol III	Пъс	T/UST TRRP [7
Phone:	254-266-5456	3		Email		.Mathew	rs@dvn		oid, INIV	1 002 1	U					EDD [_	_ Level IV
Project Name:	Mist	le 44	200 111		See all the		S(COVII)	T] [Del	iverables	5. EDD [ADar	PT U Other:	
Project Number:	101101	W 17	400 76	Routine	n Around		Pres.		_	_		ANA	LYSIS F	EQUE	ST				Preservativ	e Codes
Project Location	ELL	(- A/	M				Code	-	-	-		-							None: NO	DI Water:
Sampler's Name:	KC+	11		Due Date:	14				6										Cool: Cool N	MeOH: Me
PO #:	2 2 1	91		TAT starts the lab, if rece	day received by 4:	ed by the 30pm			MRO)										HCL: HC	HNO ₃ : HN
SAMPLE RECEI	Te	mp Blank:	Yes No) No	Parameters	_	4 02										H ₂ S0 ₄ : H ₂ N	NaOH: Na
Received Intact:		es No	Thermome		7	40	ame	021E	1	4500									H₃PO₄: HP	
cooler Custody Seals		No (N/A)	Correction		-	_	Par	BTEX 8021B	GRO	Chloride								НОГР	NaHSO ₄ : NABIS	
ample Custody Seal	s: Yes	No AVA	Temperatu	re Reading:	3.20	#140		B	W	Chic								1	Na ₂ S ₂ O ₃ : NaSO ₃	3
otal Containers:			Corrected	Temperature:	_				TPH 8015M (GRO + DRO										Zn Acetate+NaOH: NaOH+Ascorbic Ac	
Sample Ident	ification	Date	Time	Soil	Water	Grab/ Comp	# of Cont		TH										Sample Con	
CS-51	25	7/19/23	1:40	X		Comp	Cont	Y	1	X		-		+	+		_		Sample Con	nments
15-32	25	1	1:42	1		-		1	X	1	-	-		+	-		-			
CS-53	2.5		1:44				-	H	+	1		+	-	+	+		+			
CS-54	25		1:46				1	+	-	1		+		+	+ +	-	+			
CS-55	2.5		1:48				1	\vdash	+	1		+	-	+	+	_	+			
CS-56	5'		1:50				1		1		_			+	+	-	+			
CS-57	5'		1:52								_			+	+	-	+			
CS-58	5		1:54					1		-				-	+	-	+			
cs-59	7'		1:56				1	1	1	1						-	+-		<u></u>	
CS-60 3	, ,	1	1:58			1	9	-	+	-			-	+		-	+			
Addition	al Comments	s:																		
ce: Signature of this do	cument and reling	uishment of samp	oles constitute:	a valid purchase	e order from	n client com	pany to X	enco. its	affiliate	es and e	uhcontracto	re It ses	one et	ed to-						
ervice. Xenco will be lia enco. A minimum char	ble only for the co ge of \$85.00 will be	st of samples and applied to each	shall not assu project and a c	ime any responsi harge of \$5 for ea	bility for an	y losses or submitted t	expenses o Xenco h	incurred ut not a	by the	client i	such losses	are due	o circumst	ances bey	ond the co	ontrol				
Relinquished by:				by: (Signatur				or nor a	raryzeo	i. inese	terms will be	entorced	uniess pr	eviously n	egotiated.					
Day 5	24	Vho	^ ·	o, Colgridius	6)			ate/Ti	100		Relinqu	ished b	y: (Signa	ature)	F	Received	by: (Sig	gnatur	e) Date	e/Time
Ju Do		May	us	alou		-	1/19/	23	15:1	5										
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Relinquished by: (Signature)

Project Manager:	Ethan Sessun	ns			Bill to: (i	f different)		Wes	lev M	athews							Mark	0-4-	Page 1	of_/U
Company Name:	NTG Environn	nental			2	y Name:			on En						Dragon	. LICT/DC			Comments	
Address:	402 E Wood A	Ave			Address						s Highw	av			State of		SI UPRP	Bro	wnfields RRC	uperfund
City, State ZIP:	Carlsbad, NM	88220			City, Sta	ite ZIP:				M 8821		ay		_			DI evel II	Гъс	ST/UST TRRP	П
Phone:	254-266-5456			Emai	: Wesley		s@dvn	_	Jia, Iti	W 002 1					Deliverab					Level IV
Project Name:	Thist	R 44 1	and Ur		n Around			1								ios. LUL		ADai	PT U Other:	
Project Number:	50,070		10 10	Routine	Rus		Pres.	-		1		AN	ALYSI	S REQI	JEST			-	Preservati	ve Codes
Project Location	Eddy	(a 1/1	M	Due Date:		561	Code		\vdash	+		-	+	+	-	-		+	None: NO	DI Water: H ₂
Sampler's Name:	KS+	31		TAT starts the	-	ed by the			MRO)										7.5	MeOH: Me HNO ₃ : HN
SAMPLE RECEI	PT Ten	np Blank:	Yes No	V - 2 2 - 2 - 2) No	Parameters		+ DRO +	0						1.1				NaOH: Na
Received Intact:		No No	Thermome			10	ram	8021B	+	8 4500									H ₃ PO ₄ : HP	
Cooler Custody Seals			Correction	Factor:	_	_	Pa	BTEX 8	GRO	Chloride								HOLD	NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Sea Total Containers:	ls: Yes	No N/A		ure Reading:	3.20	#140		E	8015M (5								-	Zn Acetate+NaOH	H: 7n
total Containers:		1	Corrected	Temperature:	_				1 801										NaOH+Ascorbic A	
Sample Iden	tification	Date	Time	Soil	Water	Grab/ Comp	# of Cont		TPH							1 1			Sample Co	omments
(S-6)	5	7/19/23	2:00	X		L	(X	X	X			+		_	+	_	-		
Q (5-67	5	1	7:02	1		1	1	i	1	1						+	-	-		
(5-67	5		2:04				1		1							+		+		
C5-64	3'		2:06				1									+		-		
(5-65	ľ		2:09						1											
05-66	11		2:10																	
200-1	0-2.5		2:17													\top				
5W- C (0-2.5'		2:14																	
567	0-7.5		2:16	1					1											
367	J . (.5		2:18	1		'			1	1										
Addition	nal Comments	:																_		
otice: Signature of this de service. Xenco will be li Xenco. A minimum char	ocument and relinqu	ishment of sample	es constitute:	s a valid purchas	e order from	client com	pany to Xe	nco. its	affiliat	tes and e	uhcontra	tore it so	cione etc							

Date/Time

Relinquished by: (Signature)

of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Received by: (Signature)

Date/Time

Received by: (Signature)

Work Order No: <u>H233760</u>

Project Manager:	Ethan Sessum	S			Bill to: (f different)		Wes	sley Ma	athews					7			14/	1.0.1	Page 1	of 10
Company Name:	NTG Environm	ental				ny Name:			on Ene						-					r Comments	
Address:	402 E Wood Av	/e			Address	-					rs Highwa			\dashv	Prog	ram: U	IST/PS	T LIPR	P Bro	wnfields RRC	uperfund [
City, State ZIP:	Carlsbad, NM 8	88220			City, Sta							у		-				٦			
Phone:	254-266-5456			Email	: Wesley		rs@dvn	_	sia, NA	N 8821	0			\dashv			evel II (s: EDD			ST/UST TRRP	Level IV L
Project Name:	Thist	- 44 1	h. 141				IS (WUVII).	COM							_		EDD	П	ADa	PT Other:	
Project Number:	1 WISE	C110	10	Routine	n Arouge		Pres.	-		_		AN	ALYS	SRE	QUES	Г				Preservat	ive Codes
Project Location	FIL	61	VM	17-20-0	_	-	Code		-	-		_	-							None: NO	DI Water: H ₂ O
Sampler's Name:	V 5 /1	TT		Due Date:		h			6											Cool: Cool	MeOH: Me
PO#:	A3 1 F	J (TAT starts the lab, if reci	e day receive day 4:3	ed by the 30pm	-		MRO)											HCL: HC	HNO ₃ : HN
SAMPLE RECEI	PT Tem	Blank:	Yes No	Wet Ice:) No	ters	_	DRO+											H ₂ S0 ₄ : H ₂	NaOH: Na
Received Intact:		No	Thermome		_	10	Parameters	8021B	+	Chloride 4500										H ₃ PO ₄ : HP	
Cooler Custody Seal		No (AVA)	Correction	Factor:	-		Par	втех в	GRO	oride									HOLD	NaHSO ₄ : NABIS	
Sample Custody Sea	ls: Yes I	No N/A	Temperatu	ure Reading:	3.20	#14	0	B		Chic									1	Na ₂ S ₂ O ₃ : NaSO ₃	
Total Containers:			Corrected	Temperature:	_				8015M											Zn Acetate+NaO NaOH+Ascorbic	
Sample Iden	tification	Date	Time	Soil	Water	Grab/ Comp	# of Cont		TPH											Sample Co	
SW-5	(0.2.5)	7/19/23	2:20	X		Comp	1	V	V	1	-	+	+	+			-	_		Sample Co	omments
SW-6	(0-2.5)	1	2:22	1		1	1	^	1	^	-	+	+	-			-	_			
5W-7	0		2:24				1	+	1			+		-			-	-	_		
5W-8			2:26				1	+	-	1		+	+	-		-	-	-	-		
SWG			7:28				1	+	-	1	-	+	+	-		_	-	_			
5W-10			2:30					-	1	+	-	+	+	-		-	-	_			
5W-11			2:32				+	1	+	+	-	+	-	-		-	-	-	-		
5W-17			2:34								-	-	-			-	-	-	-		
SW-13			7:36			1	1	1				+	+			-	-	-	-		
5W-14	- (1	2:38					1				+	+			-	+	-	-		
Additio	nal Comments:					•															

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

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west to	to a Diana	1 1-	(Signature)	Received by: (Signature)	Date/Time
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Work Order No: 4233760

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City, State ZIP:	Carlsbad, NM 8	88220			City, St					M 8821		у		\dashv				1 100	Пъ	771107 Change Cl
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ampler's Name:	701019	70 101		TAT starts th					6											Cool: Cool MeOH: Me
0 #:				lab, if red	eived by 4:	30pm	60	1	+ MRO)	1										HCL: HC HNO ₃ : HN
AMPLE RECEIP	Tem	p Blank:	Yes No	Wet Ice:	Yes) No	eter		DRO	8										H ₂ S0 ₄ : H ₂ NaOH: Na
eceived Intact:		s) No	Thermom	eter ID:		10	Parameters	BTEX 8021B	0 + 0	Chloride 4500									0	H₃PO₄: HP
poler Custody Seals:		-	Correction	Factor:	1 -		Ра	EX	GRO	orid									НОГР	NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃
ample Custody Seals	S: Yes	No N/A	100000000000000000000000000000000000000	ure Reading:	3. 2c	#140		E	NS SM	5									-	Zn Acetate+NaOH: Zn
otal Containers.			Corrected	Temperature:	_				TPH 8015M (GRO +						- 1					NaOH+Ascorbic Acid: SAPO
Sample Identif	ification	Date	Time	Soil	Water	Grab/ Comp	# of Cont		1ª											2000
SW-15	(0-2.5)	7/19/2	32:40	X		Comp	1	V	X	X	-	-	-	-	-	-	_	_		Sample Comments
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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
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			6		

Received by OCD: 5/31/2024 3:22:07 PM

CHAIN-OF-CUSTODY AND ANALYSIS REQUIFST By 10 of 12 bed

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476 Company Name: ATCC

Project Manager:	6-thma	C						-			ILL	_					ANAL	YSIS F	REQUI	EST		
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PORM-000 R 3.3	07/10/22	† Cardinal car		_			Ye No)	4	6		Co	nermometer li orrection Fac	tor Ac	-	P8HRS	S □Y	es Yes			mp. °C	



August 03, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: THISTLE UNIT #46

Enclosed are the results of analyses for samples received by the laboratory on 08/01/23 13:54.

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

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Fax To:

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact

Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 1 4' (H234053-01)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2023	ND	2.15	108	2.00	4.78	
Toluene*	<0.050	0.050	08/02/2023	ND	2.08	104	2.00	5.19	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.12	106	2.00	3.78	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.39	106	6.00	4.23	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	08/02/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	188	93.9	200	6.28	
DRO >C10-C28*	34.5	10.0	08/02/2023	ND	199	99.4	200	14.5	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	108	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 2 4' (H234053-02)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2023	ND	2.15	108	2.00	4.78	
Toluene*	<0.050	0.050	08/02/2023	ND	2.08	104	2.00	5.19	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.12	106	2.00	3.78	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.39	106	6.00	4.23	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2000	16.0	08/02/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	165	82.3	200	0.428	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	163	81.7	200	5.08	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	97.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil Project Name: THISTLE UNIT #46

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 237481

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 3 4' (H234053-03)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2023	ND	2.15	108	2.00	4.78	
Toluene*	<0.050	0.050	08/02/2023	ND	2.08	104	2.00	5.19	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.12	106	2.00	3.78	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.39	106	6.00	4.23	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.8	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/02/2023	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	08/02/2023	ND	165	82.3	200	0.428	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	163	81.7	200	5.08	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	101 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103 9	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



Tamara Oldaker

Sample Received By:

Analytical Results For:

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

237481

08/01/2023 Sampling Date: 08/01/2023 Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 4 4' (H234053-04)

Received:

Project Number:

BTEX 8021B	mg/kg Analyzed By: MS								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2023	ND	2.15	108	2.00	4.78	
Toluene*	<0.050	0.050	08/02/2023	ND	2.08	104	2.00	5.19	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.12	106	2.00	3.78	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.39	106	6.00	4.23	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/02/2023	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	08/02/2023	ND	165	82.3	200	0.428	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	163	81.7	200	5.08	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	105	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237481 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 5 4' (H234053-05)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2023	ND	2.15	108	2.00	4.78	
Toluene*	<0.050	0.050	08/02/2023	ND	2.08	104	2.00	5.19	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.12	106	2.00	3.78	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.39	106	6.00	4.23	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/02/2023	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	08/02/2023	ND	165	82.3	200	0.428	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	163	81.7	200	5.08	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	106 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 6 4' (H234053-06)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2023	ND	2.15	108	2.00	4.78	
Toluene*	<0.050	0.050	08/02/2023	ND	2.08	104	2.00	5.19	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.12	106	2.00	3.78	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.39	106	6.00	4.23	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/02/2023	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	08/02/2023	ND	165	82.3	200	0.428	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	163	81.7	200	5.08	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	110	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113	% 49.1-14	8						

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Analytical Results For:

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

 Received:
 08/01/2023
 Sampling Date:
 08/01/2023

 Reported:
 08/03/2023
 Sampling Type:
 Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact

Project Number: 237481 Sample Received By: Tamara Oldaker
Project Location: DEVON - LEA CO., NM

Sample ID: CS - 7 4' (H234053-07)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2023	ND	2.15	108	2.00	4.78	
Toluene*	<0.050	0.050	08/02/2023	ND	2.08	104	2.00	5.19	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.12	106	2.00	3.78	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.39	106	6.00	4.23	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/02/2023	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	08/02/2023	ND	165	82.3	200	0.428	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	163	81.7	200	5.08	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	105	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 8 4' (H234053-08)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2023	ND	2.15	108	2.00	4.78	
Toluene*	<0.050	0.050	08/02/2023	ND	2.08	104	2.00	5.19	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.12	106	2.00	3.78	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.39	106	6.00	4.23	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	08/02/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	165	82.3	200	0.428	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	163	81.7	200	5.08	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	109	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 237481

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 9 4' (H234053-09)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2023	ND	2.15	108	2.00	4.78	
Toluene*	<0.050	0.050	08/02/2023	ND	2.08	104	2.00	5.19	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.12	106	2.00	3.78	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.39	106	6.00	4.23	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	08/02/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	165	82.3	200	0.428	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	163	81.7	200	5.08	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	107 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 11 4' (H234053-10)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2023	ND	2.15	108	2.00	4.78	
Toluene*	<0.050	0.050	08/02/2023	ND	2.08	104	2.00	5.19	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.12	106	2.00	3.78	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.39	106	6.00	4.23	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/02/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	165	82.3	200	0.428	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	163	81.7	200	5.08	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 13 4' (H234053-11)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2023	ND	2.15	108	2.00	4.78	
Toluene*	<0.050	0.050	08/02/2023	ND	2.08	104	2.00	5.19	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.12	106	2.00	3.78	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.39	106	6.00	4.23	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	08/02/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	165	82.3	200	0.428	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	163	81.7	200	5.08	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	97.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.6	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: DEVON - LEA CO., NM

mg/kg

Sample ID: CS - 14 4' (H234053-12)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2023	ND	2.15	108	2.00	4.78	
Toluene*	<0.050	0.050	08/02/2023	ND	2.08	104	2.00	5.19	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.12	106	2.00	3.78	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.39	106	6.00	4.23	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1600	16.0	08/02/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	165	82.3	200	0.428	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	163	81.7	200	5.08	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	100	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.6	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: DEVON - LEA CO., NM

mg/kg

Sample ID: CS - 15 4' (H234053-13)

BTEX 8021B

	9/	9	7	7: : : :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2023	ND	2.15	108	2.00	4.78	
Toluene*	<0.050	0.050	08/02/2023	ND	2.08	104	2.00	5.19	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.12	106	2.00	3.78	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.39	106	6.00	4.23	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	08/02/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	165	82.3	200	0.428	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	163	81.7	200	5.08	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	107	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 237481

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 17 4' (H234053-14)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2023	ND	2.15	108	2.00	4.78	
Toluene*	<0.050	0.050	08/02/2023	ND	2.08	104	2.00	5.19	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.12	106	2.00	3.78	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.39	106	6.00	4.23	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1140	16.0	08/02/2023	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	165	82.3	200	0.428	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	163	81.7	200	5.08	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	105 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237481 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 18 4' (H234053-15)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2023	ND	2.15	108	2.00	4.78	
Toluene*	<0.050	0.050	08/02/2023	ND	2.08	104	2.00	5.19	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.12	106	2.00	3.78	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.39	106	6.00	4.23	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 %	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	08/02/2023	ND	400	100	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	165	82.3	200	0.428	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	163	81.7	200	5.08	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	108 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113 %	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 237481

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 20 4' (H234053-16)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2023	ND	2.15	108	2.00	4.78	
Toluene*	<0.050	0.050	08/02/2023	ND	2.08	104	2.00	5.19	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.12	106	2.00	3.78	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.39	106	6.00	4.23	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	08/02/2023	ND	400	100	400	7.69	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	165	82.3	200	0.428	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	163	81.7	200	5.08	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	99.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 21 4' (H234053-17)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2023	ND	2.15	108	2.00	4.78	
Toluene*	<0.050	0.050	08/02/2023	ND	2.08	104	2.00	5.19	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.12	106	2.00	3.78	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.39	106	6.00	4.23	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/02/2023	ND	400	100	400	7.69	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	165	82.3	200	0.428	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	163	81.7	200	5.08	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	108	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	18						

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Analytical Results For:

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

Fax To:

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 237481

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 22 4' (H234053-18)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2023	ND	2.15	108	2.00	4.78	
Toluene*	<0.050	0.050	08/02/2023	ND	2.08	104	2.00	5.19	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.12	106	2.00	3.78	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.39	106	6.00	4.23	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	08/02/2023	ND	400	100	400	7.69	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	165	82.3	200	0.428	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	163	81.7	200	5.08	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	105 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 237481

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 23 4' (H234053-19)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2023	ND	2.15	108	2.00	4.78	
Toluene*	<0.050	0.050	08/02/2023	ND	2.08	104	2.00	5.19	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.12	106	2.00	3.78	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.39	106	6.00	4.23	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 5	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1100	16.0	08/02/2023	ND	400	100	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	165	82.3	200	0.428	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	163	81.7	200	5.08	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	106 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 237481

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 24 4' (H234053-20)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2023	ND	2.15	108	2.00	4.78	
Toluene*	<0.050	0.050	08/02/2023	ND	2.08	104	2.00	5.19	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.12	106	2.00	3.78	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.39	106	6.00	4.23	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 5	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3800	16.0	08/02/2023	ND	400	100	400	7.69	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	165	82.3	200	0.428	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	163	81.7	200	5.08	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	106 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 237481

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 25 4' (H234053-21)

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2023	ND	2.11	105	2.00	5.41	
Toluene*	<0.050	0.050	08/02/2023	ND	1.99	99.5	2.00	4.95	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.05	103	2.00	5.40	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.08	101	6.00	5.78	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1070	16.0	08/02/2023	ND	400	100	400	7.69	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	165	82.3	200	0.428	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	163	81.7	200	5.08	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	100 5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: DEVON - LEA CO., NM

mg/kg

Sample ID: CS - 27 4' (H234053-22)

BTEX 8021B

	9,	9	7	7: 5::.,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2023	ND	2.11	105	2.00	5.41	
Toluene*	<0.050	0.050	08/02/2023	ND	1.99	99.5	2.00	4.95	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.05	103	2.00	5.40	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.08	101	6.00	5.78	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	08/02/2023	ND	400	100	400	7.69	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	171	85.4	200	0.556	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	180	90.0	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	85.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.8	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Fax To:

 Received:
 08/01/2023
 Sampling Date:
 08/01/2023

 Reported:
 08/03/2023
 Sampling Type:
 Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 29 4' (H234053-23)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2023	ND	2.11	105	2.00	5.41	
Toluene*	<0.050	0.050	08/02/2023	ND	1.99	99.5	2.00	4.95	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.05	103	2.00	5.40	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.08	101	6.00	5.78	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	672	16.0	08/02/2023	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	171	85.4	200	0.556	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	180	90.0	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	87.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.3	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Analyzed By: 1H /

Project Location: DEVON - LEA CO., NM

ma/ka

Sample ID: CS - 31 4' (H234053-25)

RTFY 8021R

B1EX 8021B	mg/	кg	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2023	ND	2.11	105	2.00	5.41	
Toluene*	<0.050	0.050	08/02/2023	ND	1.99	99.5	2.00	4.95	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.05	103	2.00	5.40	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.08	101	6.00	5.78	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	08/02/2023	ND	400	100	400	7.69	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	171	85.4	200	0.556	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	180	90.0	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	89.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.0	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Fax To:

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 237481

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 32 4' (H234053-26)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2023	ND	2.11	105	2.00	5.41	
Toluene*	<0.050	0.050	08/02/2023	ND	1.99	99.5	2.00	4.95	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.05	103	2.00	5.40	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.08	101	6.00	5.78	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	08/02/2023	ND	400	100	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	171	85.4	200	0.556	
DRO >C10-C28*	177	10.0	08/02/2023	ND	180	90.0	200	3.92	
EXT DRO >C28-C36	58.4	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	87.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.3	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 33 4' (H234053-27)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2023	ND	2.11	105	2.00	5.41	
Toluene*	<0.050	0.050	08/02/2023	ND	1.99	99.5	2.00	4.95	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.05	103	2.00	5.40	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.08	101	6.00	5.78	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	08/02/2023	ND	400	100	400	7.69	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	171	85.4	200	0.556	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	180	90.0	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	95.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: DEVON - LEA CO., NM

mg/kg

Sample ID: CS - 35 4' (H234053-28)

BTEX 8021B

	9,	9	7	7: 5::.,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2023	ND	2.11	105	2.00	5.41	
Toluene*	<0.050	0.050	08/02/2023	ND	1.99	99.5	2.00	4.95	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.05	103	2.00	5.40	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.08	101	6.00	5.78	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	08/02/2023	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	171	85.4	200	0.556	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	180	90.0	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	93.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.8	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237481 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 37 4' (H234053-29)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2023	ND	2.11	105	2.00	5.41	
Toluene*	<0.050	0.050	08/02/2023	ND	1.99	99.5	2.00	4.95	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.05	103	2.00	5.40	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.08	101	6.00	5.78	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 %	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1150	16.0	08/02/2023	ND	400	100	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	171	85.4	200	0.556	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	180	90.0	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	92.1 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.6	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: DEVON - LEA CO., NM

mg/kg

Sample ID: CS - 38 4' (H234053-30)

BTEX 8021B

	9,	9	7	7: 5::.,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2023	ND	2.11	105	2.00	5.41	
Toluene*	<0.050	0.050	08/02/2023	ND	1.99	99.5	2.00	4.95	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.05	103	2.00	5.40	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.08	101	6.00	5.78	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	08/02/2023	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	171	85.4	200	0.556	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	180	90.0	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	99.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

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Celey D. Keene



08/01/2023

Analytical Results For:

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

Received: 08/01/2023 Sampling Date:

Reported: 08/03/2023 Sampling Type: Soil Project Name: THISTLE UNIT #46 Sampling Condition: Coo

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

ma/ka

Sample ID: CS - 39 4' (H234053-31)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2023	ND	2.11	105	2.00	5.41	
Toluene*	<0.050	0.050	08/02/2023	ND	1.99	99.5	2.00	4.95	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.05	103	2.00	5.40	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.08	101	6.00	5.78	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	08/02/2023	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	171	85.4	200	0.556	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	180	90.0	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	93.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.8	% 49.1-14	8						

Analyzed By: 1H /

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Celey D. Keine



Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 40 4' (H234053-32)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2023	ND	2.11	105	2.00	5.41	
Toluene*	<0.050	0.050	08/02/2023	ND	1.99	99.5	2.00	4.95	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.05	103	2.00	5.40	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.08	101	6.00	5.78	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	08/02/2023	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	171	85.4	200	0.556	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	180	90.0	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	89.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.6	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 42 4' (H234053-33)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2023	ND	2.11	105	2.00	5.41	
Toluene*	<0.050	0.050	08/02/2023	ND	1.99	99.5	2.00	4.95	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.05	103	2.00	5.40	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.08	101	6.00	5.78	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	08/02/2023	ND	400	100	400	7.69	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	171	85.4	200	0.556	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	180	90.0	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	92.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

08/01/2023

mg/kg

Reported: 08/03/2023

Project Name: THISTLE UNIT #46

Project Number: 237481

Project Location: DEVON - LEA CO., NM

Sampling Date: 08/01/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact

Sample Received By: Tamara Oldaker

Sample ID: CS - 45 4' (H234053-34)

Received:

BTEX 8021B

DILX GOZID	ıııg,	, kg	Allulyzo	.u Dy. 3117					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2023	ND	2.11	105	2.00	5.41	
Toluene*	<0.050	0.050	08/03/2023	ND	1.99	99.5	2.00	4.95	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	2.05	103	2.00	5.40	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.08	101	6.00	5.78	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	688	16.0	08/02/2023	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	171	85.4	200	0.556	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	180	90.0	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	94.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.5	% 49.1-14	8						

Analyzed By: JH/

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Celey D. Keine



Analytical Results For:

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

Fax To:

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 46 4' (H234053-35)

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2023	ND	2.11	105	2.00	5.41	
Toluene*	<0.050	0.050	08/03/2023	ND	1.99	99.5	2.00	4.95	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	2.05	103	2.00	5.40	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.08	101	6.00	5.78	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	912	16.0	08/02/2023	ND	432	108	400	0.00	QM-07
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	171	85.4	200	0.556	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	180	90.0	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	94.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Analyzed By: 1H /

Project Location: DEVON - LEA CO., NM

ma/ka

Sample ID: CS - 47 4' (H234053-36)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2023	ND	2.11	105	2.00	5.41	
Toluene*	<0.050	0.050	08/03/2023	ND	1.99	99.5	2.00	4.95	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	2.05	103	2.00	5.40	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.08	101	6.00	5.78	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	08/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	171	85.4	200	0.556	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	180	90.0	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	96.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237481 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 49 4' (H234053-37)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2023	ND	2.11	105	2.00	5.41	
Toluene*	<0.050	0.050	08/03/2023	ND	1.99	99.5	2.00	4.95	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	2.05	103	2.00	5.40	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.08	101	6.00	5.78	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	08/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	171	85.4	200	0.556	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	180	90.0	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	94.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.5	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: DEVON - LEA CO., NM

mg/kg

Sample ID: CS - 50 4' (H234053-38)

BTEX 8021B

	9,	9	7	7: 5::.,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2023	ND	2.11	105	2.00	5.41	
Toluene*	<0.050	0.050	08/03/2023	ND	1.99	99.5	2.00	4.95	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	2.05	103	2.00	5.40	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.08	101	6.00	5.78	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	08/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	171	85.4	200	0.556	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	180	90.0	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	100	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Analyzed By: 1H /

Project Location: DEVON - LEA CO., NM

ma/ka

Sample ID: CS - 51 4' (H234053-39)

RTFY 8021R

Result <0.050 <0.050	Reporting Limit 0.050	Analyzed 08/03/2023	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
	0.050	08/03/2023						Qualifici
<0.050			ND	2.11	105	2.00	5.41	
	0.050	08/03/2023	ND	1.99	99.5	2.00	4.95	
<0.050	0.050	08/03/2023	ND	2.05	103	2.00	5.40	
<0.150	0.150	08/03/2023	ND	6.08	101	6.00	5.78	
<0.300	0.300	08/03/2023	ND					
114 9	% 71.5-13	4						
mg/kg		Analyzed By: AC						
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
1340	16.0	08/02/2023	ND	432	108	400	0.00	
mg,	/kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	08/02/2023	ND	171	85.4	200	0.556	
<10.0	10.0	08/02/2023	ND	180	90.0	200	3.92	
<10.0	10.0	08/02/2023	ND					
95.6	% 48.2-13	4						
105	% 49.1-14	8						
	<0.150 <0.300 1145 mg/ Result 1340 mg/ Result <10.0 <10.0 <95.6	<0.150 0.150 <0.300 0.300 114	<0.150	<0.150 08/03/2023 ND 114 % 71.5-134 The state of the process o	<0.150	<0.150 0.150 08/03/2023 ND 6.08 101 <0.300 0.300 08/03/2023 ND 6.08 101 114 % 71.5-134 mg/ky Analyzed By: AC Result Reporting Limit Analyzed By: MS % Recovery Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS % Recovery <10.0	<0.150 08/03/2023 ND 6.08 101 6.00 114 √ 71.5-134 True Value QC Result Result Reporting Limit Analyzed Method Blank BS % Recovery 7 True Value QC 1340 16.0 08/02/2023 ND 432 108 400 mg/kr Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC <10.0	<0.150

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Celey D. Keine



Analytical Results For:

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

Fax To:

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: DEVON - LEA CO., NM

mg/kg

Sample ID: CS - 52 4' (H234053-40)

BTEX 8021B

	9,	9	7	7: 5::.,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2023	ND	2.11	105	2.00	5.41	
Toluene*	<0.050	0.050	08/03/2023	ND	1.99	99.5	2.00	4.95	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	2.05	103	2.00	5.40	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.08	101	6.00	5.78	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6960	16.0	08/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	171	85.4	200	0.556	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	180	90.0	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: DEVON - LEA CO., NM

mg/kg

Sample ID: CS - 53 4' (H234053-41)

BTEX 8021B

DILX GOZID	iiig/	, kg	Andryzo	a by. 5117					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2023	ND	2.11	105	2.00	5.41	
Toluene*	<0.050	0.050	08/03/2023	ND	1.99	99.5	2.00	4.95	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	2.05	103	2.00	5.40	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.08	101	6.00	5.78	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4040	16.0	08/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	171	85.4	200	0.556	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	180	90.0	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	105	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 55 4' (H234053-42)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2023	ND	2.14	107	2.00	4.41	
Toluene*	<0.050	0.050	08/03/2023	ND	2.09	104	2.00	6.28	
Ethylbenzene*	< 0.050	0.050	08/03/2023	ND	2.10	105	2.00	3.72	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.31	105	6.00	4.11	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	896	16.0	08/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	172	86.0	200	6.18	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	180	90.0	200	4.36	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	90.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.3	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 237481

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 59 5' (H234053-43)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2023	ND	2.14	107	2.00	4.41	
Toluene*	<0.050	0.050	08/03/2023	ND	2.09	104	2.00	6.28	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	2.10	105	2.00	3.72	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.31	105	6.00	4.11	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	752	16.0	08/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	172	86.0	200	6.18	
DRO >C10-C28*	31.3	10.0	08/02/2023	ND	180	90.0	200	4.36	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	93.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: DEVON - LEA CO., NM

ma/ka

Sample ID: CS - 60 5' (H234053-44)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2023	ND	2.14	107	2.00	4.41	
Toluene*	<0.050	0.050	08/03/2023	ND	2.09	104	2.00	6.28	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	2.10	105	2.00	3.72	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.31	105	6.00	4.11	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	816	16.0	08/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	172	86.0	200	6.18	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	180	90.0	200	4.36	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	93.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 64 5' (H234053-45)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2023	ND	2.14	107	2.00	4.41	
Toluene*	<0.050	0.050	08/03/2023	ND	2.09	104	2.00	6.28	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	2.10	105	2.00	3.72	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.31	105	6.00	4.11	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	720	16.0	08/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	172	86.0	200	6.18	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	180	90.0	200	4.36	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	105	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119	% 49.1-14	8						

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Analytical Results For:

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

 Received:
 08/01/2023
 Sampling Date:
 08/01/2023

 Reported:
 08/03/2023
 Sampling Type:
 Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 65 2' (H234053-46)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2023	ND	2.14	107	2.00	4.41	
Toluene*	<0.050	0.050	08/03/2023	ND	2.09	104	2.00	6.28	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	2.10	105	2.00	3.72	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.31	105	6.00	4.11	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	08/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	172	86.0	200	6.18	
DRO >C10-C28*	234	10.0	08/02/2023	ND	180	90.0	200	4.36	
EXT DRO >C28-C36	40.8	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	81.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.6	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: DEVON - LEA CO., NM

Sample ID: SW - 1A 0-4' (H234053-47)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	u by. 145					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2023	ND	2.14	107	2.00	4.41	
Toluene*	<0.050	0.050	08/03/2023	ND	2.09	104	2.00	6.28	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	2.10	105	2.00	3.72	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.31	105	6.00	4.11	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1220	16.0	08/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	172	86.0	200	6.18	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	180	90.0	200	4.36	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	95.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: DEVON - LEA CO., NM

Sample ID: SW - 2A 0-4' (H234053-48)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2023	ND	2.14	107	2.00	4.41	
Toluene*	<0.050	0.050	08/03/2023	ND	2.09	104	2.00	6.28	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	2.10	105	2.00	3.72	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.31	105	6.00	4.11	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	08/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	172	86.0	200	6.18	
DRO >C10-C28*	14.3	10.0	08/02/2023	ND	180	90.0	200	4.36	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	120	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237481 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: SW - 5A 0-4' (H234053-49)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2023	ND	2.14	107	2.00	4.41	
Toluene*	<0.050	0.050	08/03/2023	ND	2.09	104	2.00	6.28	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	2.10	105	2.00	3.72	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.31	105	6.00	4.11	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 %	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	172	86.0	200	6.18	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	180	90.0	200	4.36	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	104 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118 9	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: DEVON - LEA CO., NM

Sample ID: SW - 6A 0-4' (H234053-50)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2023	ND	2.14	107	2.00	4.41	
Toluene*	<0.050	0.050	08/03/2023	ND	2.09	104	2.00	6.28	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	2.10	105	2.00	3.72	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.31	105	6.00	4.11	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	172	86.0	200	6.18	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	180	90.0	200	4.36	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	96.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: DEVON - LEA CO., NM

Sample ID: SW - 7A 0-4' (H234053-51)

BTEX 8021B

	9/	9	7	7					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2023	ND	2.14	107	2.00	4.41	
Toluene*	<0.050	0.050	08/03/2023	ND	2.09	104	2.00	6.28	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	2.10	105	2.00	3.72	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.31	105	6.00	4.11	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1420	16.0	08/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	172	86.0	200	6.18	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	180	90.0	200	4.36	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	116 9	26 48.2-13	4						
Surrogate: 1-Chlorooctadecane	132 9	% 49.1-14	8						

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Celey & Keene



Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Project Number: Sample Received By: 237481 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: SW - 8A 0-4' (H234053-52)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	< 0.050	0.050	08/03/2023	ND	2.14	107	2.00	4.41	
Toluene*	<0.050	0.050	08/03/2023	ND	2.09	104	2.00	6.28	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	2.10	105	2.00	3.72	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.31	105	6.00	4.11	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	alyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	172	86.0	200	6.18	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	180	90.0	200	4.36	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	89.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103 %	% 49.1-14	8						

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Celey D. Keine



Tamara Oldaker

Sample Received By:

Analytical Results For:

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

Fax To:

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil
Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact

Project Number: 237481

Project Location: DEVON - LEA CO., NM

Sample ID: SW - 9A 0-4' (H234053-53)

Analyte Result Reporting Limit Analyzed Method Blank BS Benzene* <0.050 0.050 08/03/2023 ND 2.14 Toluene* <0.050 0.050 08/03/2023 ND 2.09	% Recovery 107 104 105	True Value QC 2.00 2.00	RPD 4.41 6.28	Qualifier
· ·	104			
Toluene* <0.050 0.050 08/03/2023 ND 2.09		2.00	6.28	
	105		0.20	
Ethylbenzene* <0.050 0.050 08/03/2023 ND 2.10		2.00	3.72	
Total Xylenes* <0.150 0.150 08/03/2023 ND 6.31	105	6.00	4.11	
Total BTEX <0.300 0.300 08/03/2023 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 64.0 16.0 08/02/2023 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 08/02/2023 ND 172	86.0	200	6.18	
DRO >C10-C28* <10.0 10.0 08/02/2023 ND 180	90.0	200	4.36	
EXT DRO >C28-C36 <10.0 10.0 08/02/2023 ND				
Surrogate: 1-Chlorooctane 95.1 % 48.2-134				
Surrogate: 1-Chlorooctadecane 108 % 49.1-148				

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Celey D. Keine



Sample Received By:

08/01/2023

Tamara Oldaker

Analytical Results For:

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

Fax To:

Received: 08/01/2023 Sampling Date:

Reported: 08/03/2023 Sampling Type: Soil
Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact

Project Number: 237481

Project Location: DEVON - LEA CO., NM

Sample ID: SW - 10A 0-4' (H234053-54)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2023	ND	2.14	107	2.00	4.41	
Toluene*	<0.050	0.050	08/03/2023	ND	2.09	104	2.00	6.28	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	2.10	105	2.00	3.72	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.31	105	6.00	4.11	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PL	D 104	% 71.5-13	34						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	08/02/2023	ND	416	104	400	3.92	QM-07
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	172	86.0	200	6.18	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	180	90.0	200	4.36	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	91.0	% 48.2-13	34						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	18						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	18						

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Celey D. Keine



08/01/2023

Soil

Analytical Results For:

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

Received: 08/01/2023 Sampling Date:
Reported: 08/03/2023 Sampling Type:

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: SW - 11A 0-4' (H234053-55)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2023	ND	2.14	107	2.00	4.41	
Toluene*	<0.050	0.050	08/03/2023	ND	2.09	104	2.00	6.28	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	2.10	105	2.00	3.72	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.31	105	6.00	4.11	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	08/02/2023	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	172	86.0	200	6.18	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	180	90.0	200	4.36	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	96.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						
Surroguie. 1-Chioroociuuecune	109	/U +7.1=1+	O						

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Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: DEVON - LEA CO., NM

Sample ID: SW - 12A 0-4' (H234053-56)

BTEX 8021B

DIEX GOZID	1119/	ng .	Allulyzo	u by. 1-15					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2023	ND	2.14	107	2.00	4.41	
Toluene*	<0.050	0.050	08/03/2023	ND	2.09	104	2.00	6.28	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	2.10	105	2.00	3.72	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.31	105	6.00	4.11	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	08/02/2023	ND	416	104	400	3.92	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	172	86.0	200	6.18	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	180	90.0	200	4.36	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	84.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.6	% 49.1-14	8						

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Celey D. Keene



08/01/2023

Soil

Analytical Results For:

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

Received: 08/01/2023 Sampling Date: Reported: 08/03/2023 Sampling Type:

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Project Number: 237481

Project Location: DEVON - LEA CO., NM

Sample ID: SW - 13A 0-4' (H234053-57)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2023	ND	2.14	107	2.00	4.41	
Toluene*	<0.050	0.050	08/03/2023	ND	2.09	104	2.00	6.28	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	2.10	105	2.00	3.72	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.31	105	6.00	4.11	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	912	16.0	08/02/2023	ND	416	104	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	172	86.0	200	6.18	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	180	90.0	200	4.36	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	92.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

*=Accredited Analyte



Tamara Oldaker

Sample Received By:

Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact

Project Number: 237481

Project Location: DEVON - LEA CO., NM

Sample ID: SW - 15A 0-4' (H234053-58)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2023	ND	2.14	107	2.00	4.41	
Toluene*	<0.050	0.050	08/03/2023	ND	2.09	104	2.00	6.28	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	2.10	105	2.00	3.72	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.31	105	6.00	4.11	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4040	16.0	08/02/2023	ND	416	104	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	172	86.0	200	6.18	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	180	90.0	200	4.36	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	96.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108 9	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237481 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: SW - 16A 0-4' (H234053-59)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2023	ND	2.14	107	2.00	4.41	
Toluene*	<0.050	0.050	08/03/2023	ND	2.09	104	2.00	6.28	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	2.10	105	2.00	3.72	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.31	105	6.00	4.11	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	08/02/2023	ND	416	104	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	172	86.0	200	6.18	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	180	90.0	200	4.36	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	94.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107 9	% 49.1-14	8						

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Celey D. Keene



Tamara Oldaker

Sample Received By:

Analytical Results For:

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

Fax To:

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact

Project Number: 237481

Project Location: DEVON - LEA CO., NM

Sample ID: SW - 17A 0-4' (H234053-60)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2023	ND	2.14	107	2.00	4.41	
Toluene*	<0.050	0.050	08/03/2023	ND	2.09	104	2.00	6.28	
Ethylbenzene*	< 0.050	0.050	08/03/2023	ND	2.10	105	2.00	3.72	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.31	105	6.00	4.11	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1840	16.0	08/02/2023	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	172	86.0	200	6.18	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	180	90.0	200	4.36	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	99.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112 9	6 49.1-14	8						

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Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237481 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: SW - 18A 0-5' (H234053-61)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2023	ND	2.14	107	2.00	4.41	
Toluene*	<0.050	0.050	08/03/2023	ND	2.09	104	2.00	6.28	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	2.10	105	2.00	3.72	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.31	105	6.00	4.11	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	08/02/2023	ND	416	104	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	172	86.0	200	6.18	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	180	90.0	200	4.36	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	93.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

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Analytical Results For:

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

 Received:
 08/01/2023
 Sampling Date:
 08/01/2023

 Reported:
 08/03/2023
 Sampling Type:
 Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: SW - 19A 0-5' (H234053-62)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2023	ND	1.98	99.2	2.00	0.642	
Toluene*	<0.050	0.050	08/03/2023	ND	1.90	95.2	2.00	0.971	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	1.95	97.6	2.00	1.19	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	5.76	95.9	6.00	0.697	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	08/02/2023	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	170	85.0	200	5.51	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	184	92.0	200	6.21	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

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08/01/2023

Soil

Analytical Results For:

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

Fax To:

Received: 08/01/2023 Sampling Date: Reported: 08/03/2023 Sampling Type:

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237481 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: SW - 20A 0-2' (H234053-63)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2023	ND	1.98	99.2	2.00	0.642	
Toluene*	<0.050	0.050	08/03/2023	ND	1.90	95.2	2.00	0.971	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	1.95	97.6	2.00	1.19	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	5.76	95.9	6.00	0.697	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 %	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1170	16.0	08/02/2023	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	170	85.0	200	5.51	
DRO >C10-C28*	12.8	10.0	08/02/2023	ND	184	92.0	200	6.21	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	99.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237481 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: SW - 21A 0-5' (H234053-64)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2023	ND	1.98	99.2	2.00	0.642	
Toluene*	<0.050	0.050	08/03/2023	ND	1.90	95.2	2.00	0.971	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	1.95	97.6	2.00	1.19	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	5.76	95.9	6.00	0.697	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	08/02/2023	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	170	85.0	200	5.51	
DRO >C10-C28*	37.3	10.0	08/02/2023	ND	184	92.0	200	6.21	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	94.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.5	% 49.1-14	8						

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Analytical Results For:

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

 Received:
 08/01/2023
 Sampling Date:
 08/01/2023

 Reported:
 08/03/2023
 Sampling Type:
 Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: SW - 24A 2-5' (H234053-65)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2023	ND	1.98	99.2	2.00	0.642	
Toluene*	<0.050	0.050	08/03/2023	ND	1.90	95.2	2.00	0.971	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	1.95	97.6	2.00	1.19	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	5.76	95.9	6.00	0.697	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	736	16.0	08/02/2023	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	170	85.0	200	5.51	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	184	92.0	200	6.21	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	107	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 66 2' (H234053-67)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2023	ND	1.98	99.2	2.00	0.642	
Toluene*	<0.050	0.050	08/03/2023	ND	1.90	95.2	2.00	0.971	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	1.95	97.6	2.00	1.19	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	5.76	95.9	6.00	0.697	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1920	16.0	08/02/2023	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	168	83.9	200	5.18	
DRO >C10-C28*	71.1	10.0	08/02/2023	ND	153	76.5	200	6.12	
EXT DRO >C28-C36	28.4	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	70.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	68.3	% 49.1-14	18						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, 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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Notes and Definitions

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

BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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Celeg D. Freene

Received by OCD: 5/31/2024 3:22:07 PM



Work Order No: <u>H234053</u>

Project Manager: Company Name: Address: City, State ZIP:	NITO Francisco	ms			Bill to: (if	different)		Wesl	ey Mat	hews								Worl	k Ord	er (Comments
City, State ZIP:	NTG Environ	mental			Company	y Name:		Devo	n Ener	gy					Progr	am: U	ST/PS	T PRP	Br	rowi	nfields RRC uper
	402 E Wood	Ave			Address			6488	Seven	Rivers	Highwa	зу			State	of Pro	ject:				
Ohono:	Carlsbad, NN	1 88220			City, Sta	te ZIP:		Artes	ia, NM	88210					Repor	rting:Le	evel II	Level	III 🗌	PST	UST TRRP Leve
Phone:	254-266-545	6		Email:	Wesley	.Mathew	s@dvn.	com							Delive	erables	: EDD		AD	DaP'	T ☐ Other:
Project Name:	TI	nistle Unit #46		Turi	n Around							AN	ALYSIS	REQ	UEST						Preservative Cod
Project Number:		237481		Routine	✓ Rus	h	Pres. Code								10						None: NO DI Wate
Project Location	111 011	Lea Co. NM		Due Date:	48	3hr															Cool: Cool MeOH:
Sampler's Name: PO #:	lel landritt	ordan Tyner		TAT starts the lab, if rece	day receive		ي		+ MRO)				1								HCL: HC HNO ₃ : H ₂ SO ₄ : H ₂ NaOH:
SAMPLE RECEI	IPT To	emp Blank:	Yes No	Wet Ice:	Yes	No	Parameters	E E	DRO	4500											H ₃ PO ₄ : HP
Received Intact:		Yes No	Thermom	eter ID:	14	0	aran	8021B	GRO +	de 4										0	NaHSO ₄ : NABIS
Cooler Custody Seal			Correction		-	2 6	4	ВТЕХ	99	Chloride									1	Ĭ	Na ₂ S ₂ O ₃ : NaSO ₃
Total Containers:	als: Yes	No N/A		ure Reading:	1	36		"	8015M (0										J	Zn Acetate+NaOH: Zn
	1 4	-	Corrected	Temperature:				-	TPH 80											- 6	NaOH+Ascorbic Acid: SA
Sample Idea	ntification	Date	Time	Soil	Water	Grab/ Comp	# of Cont		=												Sample Commen
CS-1	1 4'	8/1/2023		Х		Comp	1	Х	Х	Х											
CS-2	2 4'	8/1/2023		Х		Comp	1	Х	X	X											
00-2	3 4'	8/1/2023		X		Comp	1	X	X	Х											
CS-3						Comp	1	X	X	X				-							
	4 4'	8/1/2023		X		Comp		-	-	\rightarrow	_										
CS-4 CS-5	5 4'	8/1/2023 8/1/2023		Х		Comp	1	Х	Х	Х									4		
CS-3 CS-4 CS-5 CS-6	5 4' 6 4'	8/1/2023 8/1/2023		X		Comp	1	X	X	X									+		
CS-3 CS-4 CS-5 CS-6	5 4' 6 4' 7 4'	8/1/2023 8/1/2023 8/1/2023		X X X		Comp Comp	1 1 1	X X	X X	X X X									+		
CS-3 CS-4 CS-5 CS-7 CS-7	5 4' 6 4' 7 4' 8 4'	8/1/2023 8/1/2023 8/1/2023 8/1/2023		X X X		Comp Comp Comp	1 1 1 1	X X X	X X X	X X X											
CS-3 CS-4 CS-5 CS-6	5 4' 6 4' 7 4' 8 4' 9 4'	8/1/2023 8/1/2023 8/1/2023		X X X		Comp Comp	1 1 1	X X	X X	X X X											

Revised Date 05012020 Rev. 2020.1

Released to Imaging: 6/26/2024 2:47:16 PM

Chain of Custody



Work Order No: <u>HZ34053</u>

Project Manager:	Ethan S	essums				Bill to: (if	different)		Wesle	ey Mat	hews									Wor	k Orde	er C	omments	
Company Name:	NTG En	vironme	ental			Compan	y Name:		Devo	n Ener	gy						Prog	ram: U	ST/PS	T PR	Bro	ownf	fields RRC	_uperfund [
Address:	402 E V	lood Av	е			Address			6488	Seven	Rivers	High	way				State	of Pro	ject:					
City, State ZIP:	Carlsba	d, NM 8	8220			City, Sta	te ZIP:		Artes	a, NM	88210						Repo	rting:Le	evel II	Level	III 🗅	ST/L	UST TRRP	Level IV
Phone:	254-266	-5456			Email:	Wesley	Mathew	s@dvn.d	com								Delive	erables	EDD		AD	DaPT	Other:	
roject Name:		Thist	tle Unit #46		Turr	Around								ANAL	YSIS	REQ	UEST						Preservativ	e Codes
roject Number:		:	237481		Routine	✓ Rus	n	Pres. Code												- 3		1	None: NO E	DI Water: H ₂ O
roject Location		Le	a Co. NM		Due Date:	48	Bhr																Cool: Cool N	MeOH: Me
ampler's Name	In Si	K Jor	dan Tyner		TAT starts the lab, if rece	day receive		yn.		+ MRO)														HNO ₃ : HN NaOH: Na
AMPLE RECE	PT	Tem	p Blank:	Yes No	Wet Ice:	Yes	No	Parameters	m	TPH 8015M (GRO + DRO	000											F	H ₃ PO ₄ : HP	
Received Intact:		· Yes		Thermom	eter ID:	14	10	ıram	BTEX 8021B	÷ .	Chloride 4500										2	HOLD	NaHSO ₄ :·NABIS	
Cooler Custody Sea	s:	Yes	No N/A	Correction	Factor:	-		P	TEX	GR	loric					()					, i	Ę N	Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Sea	als:	Yes	No (N/A	Temperat	ure Reading:	1	3°		m	15M	5											Z	Zn Acetate+NaOH:	: Zn
otal Containers:		67		Corrected	Temperature:					Н 80						(N	NaOH+Ascorbic Ad	cid: SAPC
Sample Idea	ntification		. Date	Time	Soil	Water	Grab/ Comp	# of Cont		T T		,									1		Sample Cor	mments
CS-1	3 4'		8/1/2023		, X		Grab/	1	X	X	X													
CS-1	4 4'		8/1/2023	10000	Х		Grab/	1	Х	X	X													
CS-1	5 4'		8/1/2023		X		Grab/	1	X	Х	Х													
CS-1			8/1/2023		Х		Grab/	1	X	Х	Х										_	1		
CS-1	8 4'		8/1/2023		X		Grab/	1	X	X	X											_		
CS-2			8/1/2023		Х		Grab/	1	X	X	Х										_	_	-	
CS-2			8/1/2023		Х		Grab/	1	X	X	X										_	_		
CS-2	2 4'		8/1/2023		Х		Grab/	1	X	Х	Х											_		
CS-2	-		8/1/2023		Х		Grab/	1	Х	Х	Х										_	4		
CS-2	4 4'		8/1/2023		Х		Grab/	1	X	Х	X													
Additi	onal Cor	nments	:																					
otice: Signature of this					tes a valid purcha																			

Revised Date 05012020 Rev. 2020.

Released to Imaging: 6/26/2024 2:47:16 PM

Wesley Mathews

Artesia, NM 88210

MRO)

TPH 8015M (GRO + DRO

X

X

X X

X

X

X

X

BTEX 8021B

X

X X X

X X X

X

X X X

X

X X

X X X

X X

6488 Seven Rivers Highway

ANALYSIS

Osau

Devon Energy

SAMPLE RECEIPT

Cooler Custody Seals

Sample Custody Seals:

Sample Identification

CS-25 4

CS-27 4'

CS-29 4'

CS 30 4'

CS-31 4'

CS-32 4'

CS-33 4'

CS-35 4'

CS-37 4'

CS-38 4'

Received Intact:

Total Containers:

QU	EST					Preservative Codes							
					НОГР	Cool: Cool HCL: HC H ₂ SO ₄ ; H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NAB Na ₂ S ₂ O ₃ : NaSo Zn Acetate+Na NaOH+Ascorbi	NaOH: Na IS O ₃ aOH: Zn						
ee		79	8/1	/23									

Work Order Comments

Additional Comments:

Temp Blank:

(Yes) No

Yes No

Yes No N/A

N/A

Date

8/1/2023

8/1/2023

8/1/2023

8/1/2023

8/1/2023

8/1/2023

8/1/2023

8/1/2023

8/1/2023

8/1/2023

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

Bill to: (if different)

Company Name:

City, State ZIP:

✓ Rush

48hr

Yes No

Grab/

Comp

Email: Wesley, Mathews@dvn.com

Pres.

Code

of

Cont

1

1

1

1

1

1

Address:

Turn Around

TAT starts the day received by the lab, if received by 4:30pm

Water

Routine

Due Date:

Wet Ice:

Soil

X

X

X

X

X

X

X

X

X

X

Yes No

Time

Thermometer ID:

Correction Factor:

Temperature Reading:

Corrected Temperature:

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	Illura Aldatal	8-1-23 1354	2		
2			4		
5			6		

Released to Imaging: 6/26/2024 2:47:16 PM

21

Received by OCD: 5/31/2024 3:22:07 PM

Chain of Custody



Work Order No: <u>#234053</u>

Project Manager:	Ethan Sessun	ns			Bill to: (if	different)		Wesl	ey Mat	hews							Wo	ork Or	der (Comments		
Company Name:	NTG Environn	mental			Company	Name:		Devo	n Ener	gy					Progra	m: UST/	PST P	RP 🗌	Brow	nfields RRC	uperfund	
Address:	402 E Wood A	Ave			Address:			6488	Seven	Rivers	Highw	ay			State of Project:							
City, State ZIP:	Carlsbad, NM	88220			City, Stat	te ZIP:		Artes	ia, NM	88210					Reporting:Level II Level III ST/UST RRP Level IV							
Phone:	254-266-5456	3		Email:	Wesley.	Mathew	s@dvn.c	com							Deliver	ables: El	DD 🗆	A	ADaP	T Other:		
Project Name:	Th	istle Unit #46		Turi	n Around							AN	ALYSIS	REQ	UEST					Preservativ	ve Codes	
Project Number:		237481		Routine	✓ Rush	1	Pres. Code													None: NO	DI Water: H	
Project Location	110	ea Co. NM		Due Date:	48	Bhr														Cool: Cool	MeOH: Me	
Sampler's Name:	el lan di ALJ	ordan Tyner		TAT starts the	day receive				MRO)											The second secon	HNO ₃ : HN	
PO#	IDT T	DII	lv_ ,u=				ters	_	+												NaOH: Na	
Received Intact:		mp Blank:	Yes No Thermom	-	Yes /4	No	Parameters	BTEX 8021B	+ DRO	4500	.							H ₃ PO ₄ : HP NaHSO ₄ : NABI			12	
Cooler Custody Sea				1/		Par	EX 8	GRO	Chloride									НОГР	Na ₂ S ₂ O ₃ : NaSO ₃			
Sample Custody Se				ure Reading:	11	3°		FB	SM (S.			1							Zn Acetate+NaOH	H: Zn	
Total Containers:	6	6 Corrected Temperature							TPH 8015M (GRO											NaOH+Ascorbic A	Acid: SAPC	
Sample Ide	011125			Soil	Water	Grab/ Comp	# of Cont	×	TPI											Sample Co	omments	
CS-3	9 4'	6/7/2023		Χ.		Grab/	1	X	X	X												
CS-4	0 4'	6.7/2023		X		Grab/	1	Х	Х	Х												
CS-4	2 4'	6/7/2023		Х		Grab/	1	X	X	X												
CS-4	5 4'	6/7/2023		Х		Grab/	1	X	X	X												
CS-4	6 4'	6/7/2023		Х		Grab/	1	Х	Х	Х												
CS-4	7 4'	6/7/2023		Х		Grab/	1	X	X	Х												
CS-4	5-0-	6/7/2023		Х		Grab/	1	X	Х	X												
CS-5		6/7/2023		Х		Grab/	1	X	X	X												
CS-5	-	6/7/2023		Х		Grab/	1	X	X	Х												
CS-5	2 4'	6/7/2023		X		Grab/	1	Х	Х	Х												
Additi	onal Commen	ts:																				
Notice: Signature of this				tes a valid purcha									-									

Revised Date 05012020 Rev. 2020.

3:22:07 PM 5/31/2024 Received by OCD: 47849

Revised Date 05012020 Rev. 2020.1

Released to Imaging: 6/26/2024 2:47:16 PM

Chain of Custody



Work Order No: <u>H234053</u>

Project Manager:	Ethan Se	essums				Bill to: (if	different)		Wesle	ey Mat	hews								W	ork O	rder	Comments	
Company Name:	NTG Env	vironmer	ntal			Company	Name:		Devo	n Ener	gy					Pr	ogram:	UST/PS	ВТ □Р	RP [Brow	nfields RRC	uperf
Address:	402 E W	lood Ave	9			Address:			6488	Seven	Rivers	Highw	ay			St	ate of Pr	oject:					
City, State ZIP:	Carlsbad	d, NM 88	3220			City, Stat	e ZIP:		Artesi	ia, NM	88210					Re	porting:l	evel II	Lev	el III	□ sī	T/UST TRRP	Leve
Phone:	254-266-	-5456			Email:	Wesley.	Mathews	s@dvn.c	om							De	eliverable	s: EDI			ADaP	T Other:	
Project Name:		Thistle	e Unit #46		Turr	Around							-	ANAL	YSIS F	REQUE	ST					Preservat	ive Cod
Project Number:		23	37481		Routine	✓ Rush	1	Pres. Code						P								None: NO	DI Wate
Project Location	7.6	Lea	Co. NM		Due Date:	48	hr			I.S.												Cool: Cool	MeOH: M
Sampler's Name: PO #:	llin Sa	Libera	an Tyner			e day received by the ceived by 4:30pm				+ MRO)												HCL: HC H ₂ SO ₄ : H ₂	HNO ₃ : NaOH:
SAMPLE RECEI	RECEIPT Temp Blank: Yes No Wet Ice: Yes No Thermometer ID: 140 totody Seals: Yes No N/A Temperature Reading: 1,3c ainers: Corrected Temperature:								H ₃ PO ₄ : HP														
Received Intact:		Yes	No ·	Thermom	eter ID:	14	40	ıran	BTEX 8021B	0	Chloride 4500		7								НОГР	NaHSO ₄ : NABIS	
Cooler Custody Seals	s:	Yes N	lo (N/A)	Correction	Factor:	-		P.	TEX	GR	loric							1 0			¥	Na ₂ S ₂ O ₃ : NaSO	3
Sample Custody Sea	ils:	Yes N	lo (N/A)		ure Reading:	1	36			15M	5											Zn Acetate+NaC	
Total Containers:		61		Corrected	Temperature:					Н 80										1 8		NaOH+Ascorbic	Acid: SA
Sample Iden	tification		Date	Time	Soil	Water	Grab/ Comp	# of Cont		TP					,							Sample C	omme
SW-7A	0-4'		8/1/2023		Х		Comp	1	Х	X	Х												
SW-8A	0-4'		8/1/2023		Х		Comp	1	Х	X	Х												
SW-9A	0-4'		8/1/2023		X		Comp	1	X	X	Х											3	
SW-10A	4 0-4'		8/1/2023		X		Comp	1	X	X	Х												
SW-11A	\ 0-4'		8/1/2023		Х		Comp	1	Х	Х	X												
SW-12A	4 0-4'		8/1/2023		Х		Comp	1	X	X	Х											P	
SW-13A	4 0-4'		8/1/2023		Х		Comp	1	X	X	X												
SW-15A	\ 0-4'		8/1/2023		Х		Comp	1	X	X	X											7	
SW-16A	\ 0-4'		8/1/2023		Х		Comp	1	X	X	Х												
SW-17A	\ 0-4'		8/1/2023		X		Comp	1	X	X	X												
Notice: Signature of this		and relinqui	ishment of sam																				
of service. Xenco will be of Xenco. A minimum ch Relinquished by	arge of \$85.	.00 will be a		project and a		each sample		to Xenco,		analyze		terms v	vill be e	nforce		previous	y negotiate	ed.	ived b	ıy: (Si	gnatu	ıre) [Date/Tin
1 <i>M</i>			Ja	uata	State	B	g/	8-1-	23	13	54	2											
5												6											

Chain of Custody



Work Order No: #234053

Project Manager:	Ethan Se	essums			Bill to: (if	different)	4	Wesl	ey Mat	hews									Wo	rk O	rder	Comments			
Company Name:	NTG Env	vironmental			Company	y Name:		Devo	n Ener	gy						Program	n: UST	/PST	PF	RP [Brow	nfields RRC	uperfund		
Address:	402 E W	ood Ave			Address:			6488	Sever	River	s Highw	ay				State of	Proje	ct:							
City, State ZIP:	Carlsbad	, NM 88220			City, Stat	te ZIP:		Artes	ia, NM	88210)					Reportin	g:Leve	111	Leve	el III	□ sī	T/UST TRRP	Level IV		
Phone:	254-266-	5456		Email:	Wesley.	Mathew	s@dvn.	com								Delivera	bles: I	DD			ADaP	T Other	:		
Project Name:		Thistle Unit #46		Turr	Around	Jil						-	ANAL	YSIS	REQ	UEST						Preserva	ative Codes		
Project Number:		237481		Routine	e ✓ Rush		Pres. Code															None: NO	DI Water: I		
Project Location		Lea Co. NM		Due Date:			48hr		48															Cool: Cool	MeOH: Me
Sampler's Name: PO #:	dhe Sm.	- Jordan Tyner					gn		+ MRO)													HCL: HC H ₂ SO ₄ : H ₂	HNO ₃ : HN NaOH: Na		
SAMPLE RECE	IPT	Temp Blank:	Yes No	Wet Ice:	Yes	Yes No		m m	DRO	200												H ₃ PO ₄ : HP			
Received Intact:		Yes No	Thermom	eter ID:	140		No N		BTEX 8021B	TPH 8015M (GRO + DRO +	Chloride 4500										4.1	НОГР	NaHSO ₄ : NABI	S	
Cooler Custody Sea		Yes No NA	Correction		-	90	0	3TEX	99	hlori											H	Na ₂ S ₂ O ₃ : NaSO			
Sample Custody Seals: Yes No N/A Temperat Total Containers: Corrected		ure Reading:	110	36			015M	0												Zn Acetate+Na					
		01	Corrected	remperature:		Grab/		-	PH 8													NaOH+Ascorbi	c Acid: SAPC		
Sample Ide	ntification	Date	Time	Soil	Water	Comp	# of Cont	, .	F													Sample	Comments		
SW-18	A 0-5'	8/1/2023		Х		Comp	1	Х	X	Х															
SW-19	A 0-5'	8/1/2023		Х		Comp	1	X	X	X													1		
SW-20	A 0-2'	8/1/2023		X		Comp	1	Х	X	X															
SW-21		8/1/2023		X		Comp	1	X	X	Х								1							
SW-24		8/1/2023		X		Comp	1	X	X	Х		16					_			,					
SW-25		8/1/2023		×		Comp	1	X	X	_X-	1	10	S	Rey	00	1	-	7.0	. 8	11/	23				
CS-6	6 2	8/1/28		*		(cmp	ı	×	×	X		-					+	+	+						
																		1							
	ional Com	ments:						72										_			=;				
	ignature of this document and relinquishment of samples constitutes a val																								
of Xenco. A minimum o	vice. Xenco will be liable only for the cost of samples and shall not assume any co. A minimum charge of \$85.00 will be applied to each project and a charge o					submitted	to Xenco,	but not	analyze	d. Thes	e terms w	ill be e	nforced	unless	previo	usly negot	tiated.	101							
Relinquished b	Relinquished by: (Signature) Received by: (Sig			d by: (Signato	frey /	/		Date/T	Time		Reli	nquis	hed b	y: (Sig	gnatu	re)	Re	eceiv	ed by	/: (Si	gnatu	re)	Date/Time		
1 // /				NICA	als	W	8-1-	-23	1:	354	2														
3		0		-()				t	- 1	4														
5											6														



August 07, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: THISTLE UNIT #46

Enclosed are the results of analyses for samples received by the laboratory on 08/03/23 14:31.

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

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

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

Celey D. Keine

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

 Received:
 08/03/2023
 Sampling Date:
 08/03/2023

 Reported:
 08/07/2023
 Sampling Type:
 Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

A ... - L ... - - - I D. .. MC

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 67 (4') (H234131-01)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.01	100	2.00	3.99	
Toluene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.10	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.82	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.72	95.4	6.00	2.30	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1410	16.0	08/07/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	165	82.4	200	3.58	
DRO >C10-C28*	<10.0	10.0	08/05/2023	ND	173	86.5	200	4.55	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	99.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114 9	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237481 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 68 (4') (H234131-02)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.01	100	2.00	3.99	
Toluene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.10	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.82	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.72	95.4	6.00	2.30	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1020	16.0	08/07/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	165	82.4	200	3.58	
DRO >C10-C28*	<10.0	10.0	08/05/2023	ND	173	86.5	200	4.55	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	102 5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117 9	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 69 (4') (H234131-03)

alue QC RPD Qualifier .00 3.99 .00 3.10 .00 3.82 .00 2.30
3.10 00 3.82
.00 3.82
00 2.30
alue QC RPD Qualifier
0.00
alue QC RPD Qualifier
00 3.58
00 4.55

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Celey D. Keene



Analytical Results For:

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

Received: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237481 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 70 (4') (H234131-04)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.01	100	2.00	3.99	
Toluene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.10	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.82	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.72	95.4	6.00	2.30	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	08/07/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	165	82.4	200	3.58	
DRO >C10-C28*	<10.0	10.0	08/05/2023	ND	173	86.5	200	4.55	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	99.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114 9	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 71 (4') (H234131-05)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.01	100	2.00	3.99	
Toluene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.10	
Ethylbenzene*	< 0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.82	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.72	95.4	6.00	2.30	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1440	16.0	08/07/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	165	82.4	200	3.58	
DRO >C10-C28*	<10.0	10.0	08/05/2023	ND	173	86.5	200	4.55	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Project Number: Sample Received By: 237481 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 72 (2') (H234131-06)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.01	100	2.00	3.99	
Toluene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.10	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.82	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.72	95.4	6.00	2.30	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/07/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	165	82.4	200	3.58	
DRO >C10-C28*	<10.0	10.0	08/05/2023	ND	173	86.5	200	4.55	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	135 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	153 9	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Project Number: Sample Received By: 237481 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: SW - 26 (0-4') (H234131-07)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.01	100	2.00	3.99	
Toluene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.10	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.82	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.72	95.4	6.00	2.30	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1120	16.0	08/07/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	165	82.4	200	3.58	
DRO >C10-C28*	<10.0	10.0	08/05/2023	ND	173	86.5	200	4.55	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	132 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	151 9	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Received: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237481 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: SW - 27 (0-4') (H234131-08)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.01	100	2.00	3.99	
Toluene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.10	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.82	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.72	95.4	6.00	2.30	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2760	16.0	08/07/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	165	82.4	200	3.58	
DRO >C10-C28*	<10.0	10.0	08/05/2023	ND	173	86.5	200	4.55	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	114 9	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	130 9	% 49.1-14	8						

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Celey D. Keene



08/03/2023

Analytical Results For:

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

Received: 08/03/2023 Sampling Date:

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237481 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: SW - 28 (0-4') (H234131-09)

BTEX 8021B	mg/	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.01	100	2.00	3.99	
Toluene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.10	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.82	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.72	95.4	6.00	2.30	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3920	16.0	08/07/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	165	82.4	200	3.58	
DRO >C10-C28*	16.6	10.0	08/05/2023	ND	173	86.5	200	4.55	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	104 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: SW - 29 (0-4') (H234131-10)

BTEX 8021B	mg,	/kg	Analyze	ed By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.01	100	2.00	3.99	
Toluene*	0.682	0.050	08/05/2023	ND	1.92	95.9	2.00	3.10	
Ethylbenzene*	0.860	0.050	08/05/2023	ND	1.92	95.9	2.00	3.82	
Total Xylenes*	7.76	0.150	08/05/2023	ND	5.72	95.4	6.00	2.30	
Total BTEX	9.31	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	216	% 71.5-13	14						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	08/07/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	380	10.0	08/05/2023	ND	165	82.4	200	3.58	
DRO >C10-C28*	5840	10.0	08/05/2023	ND	173	86.5	200	4.55	
EXT DRO >C28-C36	1120	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	136	% 48.2-13	34						
Surrogate: 1-Chlorooctadecane	132	% 49.1-14	!8						

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Analytical Results For:

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

Received: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: SW - 30 (H234131-11)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.01	100	2.00	3.99	
Toluene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.10	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.82	
Total Xylenes*	0.159	0.150	08/05/2023	ND	5.72	95.4	6.00	2.30	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	672	16.0	08/07/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	11.9	10.0	08/05/2023	ND	165	82.4	200	3.58	
DRO >C10-C28*	641	10.0	08/05/2023	ND	173	86.5	200	4.55	
EXT DRO >C28-C36	175	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	95.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	124	% 49.1-14	18						

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Analytical Results For:

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

Received: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 237481

Project Location: DEVON - LEA CO., NM

Sample ID: SW - 31 (H234131-12)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.01	100	2.00	3.99	
Toluene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.10	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.82	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.72	95.4	6.00	2.30	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6000	16.0	08/07/2023	ND	432	108	400	3.64	QM-07
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	165	82.4	200	3.58	
DRO >C10-C28*	10.5	10.0	08/05/2023	ND	173	86.5	200	4.55	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	109 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	126	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 237481

Project Location: DEVON - LEA CO., NM

Sample ID: SW - 32 (H234131-13)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.01	100	2.00	3.99	
Toluene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.10	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.82	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.72	95.4	6.00	2.30	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2400	16.0	08/07/2023	ND	432	108	400	3.64	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	165	82.4	200	3.58	
DRO >C10-C28*	587	10.0	08/05/2023	ND	173	86.5	200	4.55	
EXT DRO >C28-C36	174	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	100 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	137 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: DEVON - LEA CO., NM

ma/ka

Sample ID: SW - 33 (H234131-14)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.01	100	2.00	3.99	
Toluene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.10	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.82	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.72	95.4	6.00	2.30	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1710	16.0	08/07/2023	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	165	82.4	200	3.58	
DRO >C10-C28*	<10.0	10.0	08/05/2023	ND	173	86.5	200	4.55	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 237481

Project Location: DEVON - LEA CO., NM

Sample ID: SW - 34 (H234131-15)

BTEX 8021B	mg,	'kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.01	100	2.00	3.99	
Toluene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.10	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.82	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.72	95.4	6.00	2.30	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2000	16.0	08/07/2023	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	165	82.4	200	3.58	
DRO >C10-C28*	39.2	10.0	08/05/2023	ND	173	86.5	200	4.55	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	99.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237481 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: SW - 35 (H234131-16)

BTEX 8021B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.01	100	2.00	3.99	
Toluene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.10	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.82	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.72	95.4	6.00	2.30	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4000	16.0	08/07/2023	ND	432	108	400	3.64	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	165	82.4	200	3.58	
DRO >C10-C28*	<10.0	10.0	08/05/2023	ND	173	86.5	200	4.55	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	105 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	126 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: DEVON - LEA CO., NM

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Sample ID: SW - 36 (H234131-17)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.01	100	2.00	3.99	
Toluene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.10	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.82	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.72	95.4	6.00	2.30	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1550	16.0	08/07/2023	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	165	82.4	200	3.58	
DRO >C10-C28*	<10.0	10.0	08/05/2023	ND	173	86.5	200	4.55	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 237481

Project Location: DEVON - LEA CO., NM

Sample ID: SW - 37 (H234131-18)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.01	100	2.00	3.99	
Toluene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.10	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.82	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.72	95.4	6.00	2.30	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	784	16.0	08/07/2023	ND	432	108	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	165	82.4	200	3.58	
DRO >C10-C28*	163	10.0	08/05/2023	ND	173	86.5	200	4.55	
EXT DRO >C28-C36	36.1	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	112 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	135 9	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Received: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 237481

Project Location: DEVON - LEA CO., NM

Sample ID: SW - 38 (H234131-19)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.01	100	2.00	3.99	
Toluene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.10	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.82	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.72	95.4	6.00	2.30	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2280	16.0	08/07/2023	ND	432	108	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	165	82.4	200	3.58	
DRO >C10-C28*	<10.0	10.0	08/05/2023	ND	173	86.5	200	4.55	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	104 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119 9	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: DEVON - LEA CO., NM

ma/ka

Sample ID: SW - 39 (H234131-20)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.01	100	2.00	3.99	
Toluene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.10	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.82	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.72	95.4	6.00	2.30	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1760	16.0	08/07/2023	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	165	82.4	200	3.58	
DRO >C10-C28*	<10.0	10.0	08/05/2023	ND	173	86.5	200	4.55	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	96.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

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Sample Received By:

08/03/2023

Tamara Oldaker

Analytical Results For:

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

Received: 08/03/2023 Sampling Date:

Reported: 08/07/2023 Sampling Type: Soil
Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact

Project Number: 237481

Project Location: DEVON - LEA CO., NM

Sample ID: SW - 40 (H234131-21)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.06	103	2.00	2.63	
Toluene*	<0.050	0.050	08/05/2023	ND	1.96	98.2	2.00	1.45	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	2.03	102	2.00	1.88	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.96	99.4	6.00	2.77	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/07/2023	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	172	85.8	200	7.15	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	163	81.6	200	8.95	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					
Surrogate: 1-Chlorooctane	80.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.5	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 237481

Project Location: DEVON - LEA CO., NM

Sample ID: SW - 41 (H234131-22)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.06	103	2.00	2.63	
Toluene*	<0.050	0.050	08/05/2023	ND	1.96	98.2	2.00	1.45	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	2.03	102	2.00	1.88	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.96	99.4	6.00	2.77	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/07/2023	ND	432	108	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	172	85.8	200	7.15	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	163	81.6	200	8.95	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					
Surrogate: 1-Chlorooctane	82.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.2	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil
Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

ma/ka

Sample ID: CS - 73 (H234131-23)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.06	103	2.00	2.63	
Toluene*	<0.050	0.050	08/05/2023	ND	1.96	98.2	2.00	1.45	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	2.03	102	2.00	1.88	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.96	99.4	6.00	2.77	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/07/2023	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	172	85.8	200	7.15	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	163	81.6	200	8.95	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					
Surrogate: 1-Chlorooctane	80.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.3	% 49.1-14	8						

Analyzed By: 1H /

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Celey D. Keine



Notes and Definitions

C 0.4	T .	C 11.1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		The second of	
S-04	The surrogate recovery	for this sample is outside	e of established contro	of limits due to a samp	ne matrix effect.

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

ecovery.

BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANA LYSIS REQUEST

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

Company Name:	NT6 Envilonmento	1/	BILL TO		ANALYSIS REQUEST
Project Manager:	Ethan Jerrans	,	P.O. #:	1	
Address: 20	9 W milkey St and State: WM		Company: Deven Eregy	5	
city: Carlsb	State: WA	7 zip: 88220	Attn: Was Mattews	(600 B).	
Phone #: 259	4-766-5456 Fax#:		Address: 6488 Fire Rive	M & O	
	7481 Project Own	er: DELION	city: Artesia	7 9 6	
	Thistle Unit # 46		State: NM Zip: 88710	222	
	Lea Co, NM		Phone #:	502/ 500/ 450	
Sampler Name:	Kellon Smith		Fax #:	X X X	
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING	x 800 5	
Lab I.D.	Sample I.D.	# CONTAINERS # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	OTHER: ACID/BASE: ICE / COOL OTHER: AMIL THER: THER: THER	TPH &	
/	(S-G7 (4')	C 1 ×	8/3/23	XXX	
2	CS - 68 (47			1111	
3	C5 - 69 (41)				
41	CS - 70 (41)				
3	cs - 71 (4')				
5	SW- 26 (6-4)	4			
8	SU-27 (0-41)	c			
9	Su - 28 (0-41)	6			

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Relinquished Py:	Date: 8-3-23 Time: /43/	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #: All Results are emailed. Please provide Email address:
Relinquished By:	Date:	Received By:	REMARKS:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C Corrected Temp. °C	Cool Intact (Initials)	Turnaround Time: Standard Bacteria (only) Sample Condition Rush Cool Intact Observed Temp. °C Thermometer ID #140 Correction Factor 0°C 2 Days No No Corrected Temp. °C

Page 27 of 28

CHAIN-OF-CUSTODY AND ANA LYSIS REQUEST

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

Company Name: NT6 Envilonme	10/	BILL TO		ANALYSIS REQUES	T
Project Manager: Ethan Services	-1	P.O. #:			
Address: 209 W McKay St City: Carlsbad State:		Company: Deven Gregy			
City: Carlsbad State:	WM Zip: 88220	Attn: Was Makeus			
Phone #: 254 - 766 - 5456 Fax #:		Address: 6488 Sun Rive			
Project #: 23748/ Project	Owner: DEUON		1 () () (
Project Name: Thistle Unit # 4	46	State: NM Zip: 88710			
		Phone #:	708		
Project Location: Leh Co, NM Sampler Name: Kellon Sm:44		Fax #:	122		
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLING			
	\$		1 7 2		
	S TER		X 2 2		.
Lab I.D. Sample I.D.	(G)RAB OR (C)C # CONTAINERS GROUNDWATEI WASTEWATER SOIL OIL	SE O	213	9	
	STEV DONT	OTHER: ACID/BASE ICE / GOOI OTHER: AMIL	8		
4234131	(G)RAB # CONT GROUN WASTE SOIL OIL	ACID/BASE. CICE / GOOL OTHER:			
	CIX	8/3/23	xxx		
12 SW-31 13 SW-32	C 1	1 1 1	1 1 1		
13 56-32	()				
14 54 - 33	c				
15 30 - 34					
14 54 -35					
17 54 - 36	C				
18 SW - 37					
20 50 - 58					
EASE NOTE: Liability and Damages. Cardinal's fiability and client's exclusive ren					

707/1	Relinquished Py:	Date: 8-3-23 Received Time:	red By:	Make	Verbal Result: Y		Phone #: ill address:
0/0	Relinquished By:	Date: Receiv	red By:	ration, egg	REMARKS:		
		Time:					
	Delivered By: (Circle One)	Observed Temp. °C 4, 9	Sample Condition Cool Intact	CHECKED BY: (Initials)	Turnaround Time:	Standard Rush	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C
	Sampler - UPS - Bus - Other:	Corrected Temp. °C	Yes Yes	40	Thermometer ID #140 Correction Factor 0°C	2 Day	☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C

Released to Imaging: 6/26/2024 2:47:16 PM

CARDINAL

CHAIN-OF-CUSTODY AND ANA LYSIS REQUEST

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

Company Name:	NT6 Envilonments	1	BILL TO	ANALYSIS REQUEST
Project Manager:	EHG SOUSAS		P.O. #:	
Address: 20	9 W mckay 5+		company: Deven Eregy	
city: Carlst	9 W mc(Kay 5 + bad state: NA	7 zip: 88220	Attn: Wes Makews	
Phone #: 257	7 - (66-7456 Fax #:		Address: 6488 Ruen Rive	M 2 N
Project #: 23	748/ Project Own	ner: DEUON	city: Artesia	1984
Project Name:	Thistle Unit # 46		Attn: Wes Mattews Sun River City: Artesia State: NM Zip: 88710 Phone #:	
Project Location:	Kellon Smith			
	Kellon Smith	T MATRIX	Fax #: PRESERV. SAMPLING	
FOR LAB USE ONLY		(4)		
		ER ER		13179
Lab I.D.	Sample I.D.	# CONTAINERS # CONTAINERS GROUNDWATEI WASTEWATER SOIL	SLUDGE OTHER: OTHER: OTHER OTHER	
112211121	•	# CONTAIN GROUNDW WASTEWA SOIL	SLUDO SLUDO THEF STATE TAME	
HZ34131	SW-40	0 * 5 % 0	8/3/21	×× ×
02	SU - 41	C X	8/3/27	
21 33 23	CS-73	e	8-3-23	× × × × × × × × × × × × × × × × × × ×
00				

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Relinquished By:	Date: 8-3-23 Res	ceived By:	Ker	Verbal Result: Yes No Add'l Phone #: All Results are emailed. Please provide Email address:
Relinquished By:	Date: Re	eceived By:		to end of COC. To. 8/3/23
Delivered By: (Circle One)	Observed Temp. °C	9 Sample Condition	CHECKED BY: (Initials)	Turnaround Time: Standard Bacteria (only) Sample Condition Cool Intact Observed Temp. °C
Sampler - UPS - Bus - Other:	Corrected Temp. °C	Yes Yes	No.	Thermometer ID #140 Correction Factor 0°C 2 Day No No Corrected Temp. °C



August 14, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: THISTLE UNIT #46

Enclosed are the results of analyses for samples received by the laboratory on 08/04/23 13:14.

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

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

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

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

Method SM 9223-B Total Coliform and E. coli (Colilert MMO-MUG)

Method EPA 524.2 Regulated VOCs and Total Trihalomethanes (TTHM)

Method EPA 552.2 Total Haloacetic Acids (HAA-5)

Celey D. Keene

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

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C

MIDLAND TX, 79706

Project: THISTLE UNIT #46

Project Number: 237481

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 14-Aug-23 15:21

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CS - 30 (4')	H234165-01	Soil	04-Aug-23 00:00	04-Aug-23 13:14
CS - 74 (2')	H234165-02	Soil	04-Aug-23 00:00	04-Aug-23 13:14
CS - 75 (2')	H234165-03	Soil	04-Aug-23 00:00	04-Aug-23 13:14
CS - 76 (2')	H234165-04	Soil	04-Aug-23 00:00	04-Aug-23 13:14
CS - 77 (0.5')	H234165-05	Soil	04-Aug-23 00:00	04-Aug-23 13:14
CS - 78 (0.5')	H234165-06	Soil	04-Aug-23 00:00	04-Aug-23 13:14
CS - 79 (0.5')	H234165-07	Soil	04-Aug-23 00:00	04-Aug-23 13:14
CS - 80 (0.5')	H234165-08	Soil	04-Aug-23 00:00	04-Aug-23 13:14
SW - 43 (0.5-2')	H234165-09	Soil	04-Aug-23 00:00	04-Aug-23 13:14
SW - 44 (0-0.5')	H234165-10	Soil	04-Aug-23 00:00	04-Aug-23 13:14
SW - 45 (0-0.5')	H234165-11	Soil	04-Aug-23 11:50	04-Aug-23 13:14
SW - 46 (0-0.5')	H234165-12	Soil	04-Aug-23 11:52	04-Aug-23 13:14

08/14/23 - Client changed the sample IDs on some of the samples (see COC). This is the revised report and will replace the one sent on 08/08/23.

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE UNIT #46

Project Number: 237481

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 14-Aug-23 15:21

CS - 30 (4') H234165-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	176		16.0	mg/kg	4	3080720	AC	07-Aug-23	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		96.7 %	71.5	-134	3080502	MS	06-Aug-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
Surrogate: 1-Chlorooctane			91.5 %	48.2	-134	3080440	MS	05-Aug-23	8015B	
Surrogate: 1-Chlorooctadecane			99.0 %	49.1	-148	3080440	MS	05-Aug-23	8015B	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE UNIT #46

Project Number: 237481

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 14-Aug-23 15:21

CS - 74 (2') H234165-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	tories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	3080720	AC	07-Aug-23	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		97.2 %	71.5	-134	3080502	MS	06-Aug-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
Surrogate: 1-Chlorooctane			90.5 %	48.2	-134	3080440	MS	05-Aug-23	8015B	
Surrogate: 1-Chlorooctadecane			97.3 %	49.1	-148	3080440	MS	05-Aug-23	8015B	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE UNIT #46

Project Number: 237481

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 14-Aug-23 15:21

CS - 75 (2') H234165-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	3080720	AC	07-Aug-23	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Surrogate: 4-Bromofluorobenzene (F	PID)		96.2 %	71.5	-134	3080502	MS	06-Aug-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
Surrogate: 1-Chlorooctane			99.3 %	48.2	-134	3080440	MS	05-Aug-23	8015B	
Surrogate: 1-Chlorooctadecane			106 %	49.1	-148	3080440	MS	05-Aug-23	8015B	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE UNIT #46

Project Number: 237481

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 14-Aug-23 15:21

CS - 76 (2') H234165-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	tories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	3080720	AC	07-Aug-23	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		97.7 %	71.5	-134	3080502	MS	06-Aug-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
Surrogate: 1-Chlorooctane			101 %	48.2	-134	3080440	MS	05-Aug-23	8015B	
Surrogate: 1-Chlorooctadecane			108 %	49.1	-148	3080440	MS	05-Aug-23	8015B	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE UNIT #46

Project Number: 237481

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 14-Aug-23 15:21

CS - 77 (0.5') H234165-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	3080720	AC	07-Aug-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Surrogate: 4-Bromofluorobenzene (PI	D)		94.9 %	71.5	-134	3080502	MS	06-Aug-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
Surrogate: 1-Chlorooctane			116 %	48.2	-134	3080440	MS	05-Aug-23	8015B	
Surrogate: 1-Chlorooctadecane			126 %	49.1	-148	3080440	MS	05-Aug-23	8015B	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE UNIT #46

Project Number: 237481

: 23/481

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 14-Aug-23 15:21

CS - 78 (0.5') H234165-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	tories					
Inorganic Compounds										
Chloride	16.0		16.0	mg/kg	4	3080720	AC	07-Aug-23	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	ID)		96.6 %	71.5	-134	3080502	MS	06-Aug-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
DRO >C10-C28*	11.7		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
Surrogate: 1-Chlorooctane			106 %	48.2	-134	3080440	MS	05-Aug-23	8015B	
Surrogate: 1-Chlorooctadecane			116 %	49.1	-148	3080440	MS	05-Aug-23	8015B	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE UNIT #46

Project Number: 237481

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 14-Aug-23 15:21

CS - 79 (0.5') H234165-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	3080720	AC	07-Aug-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Surrogate: 4-Bromofluorobenzene (PII	D)		96.8 %	71.5	-134	3080502	MS	06-Aug-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
Surrogate: 1-Chlorooctane			99.6 %	48.2	-134	3080440	MS	05-Aug-23	8015B	
Surrogate: 1-Chlorooctadecane			108 %	49.1	-148	3080440	MS	05-Aug-23	8015B	

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Celey D. Keine



Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE UNIT #46

Project Number: 237481

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 14-Aug-23 15:21

CS - 80 (0.5') H234165-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	16.0		16.0	mg/kg	4	3080720	AC	07-Aug-23	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Surrogate: 4-Bromofluorobenzene (Pi	TD)		98.0 %	71.5	-134	3080502	MS	06-Aug-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
DRO >C10-C28*	54.9		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
EXT DRO >C28-C36	17.6		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
Surrogate: 1-Chlorooctane			105 %	48.2	-134	3080440	MS	05-Aug-23	8015B	
Surrogate: 1-Chlorooctadecane			116 %	49.1	-148	3080440	MS	05-Aug-23	8015B	

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Celeg D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE UNIT #46

Project Number: 237481

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 14-Aug-23 15:21

SW - 43 (0.5-2') H234165-09 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	3080720	AC	07-Aug-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Surrogate: 4-Bromofluorobenzene (PIL	D)		94.7 %	71.5	-134	3080502	MS	06-Aug-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
Surrogate: 1-Chlorooctane			93.8 %	48.2	-134	3080440	MS	05-Aug-23	8015B	
Surrogate: 1-Chlorooctadecane			102 %	49.1	-148	3080440	MS	05-Aug-23	8015B	

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE UNIT #46

Project Number: 237481

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 14-Aug-23 15:21

SW - 44 (0-0.5') H234165-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	3080720	AC	07-Aug-23	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			95.7 %	71.5	-134	3080502	MS	06-Aug-23	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
Surrogate: 1-Chlorooctane			105 %	48.2	-134	3080440	MS	05-Aug-23	8015B	
Surrogate: 1-Chlorooctadecane			113 %	49.1	-148	3080440	MS	05-Aug-23	8015B	

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE UNIT #46

Project Number: 237481

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 14-Aug-23 15:21

SW - 45 (0-0.5') H234165-11 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes		
Cardinal Laboratories												
Inorganic Compounds												
Chloride	<16.0		16.0	mg/kg	4	3080720	AC	07-Aug-23	4500-Cl-B			
Volatile Organic Compounds b	y EPA Method	8021										
Benzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B			
Toluene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B			
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B			
Total Xylenes*	< 0.150		0.150	mg/kg	50	3080502	MS	06-Aug-23	8021B			
Total BTEX	< 0.300		0.300	mg/kg	50	3080502	MS	06-Aug-23	8021B			
Surrogate: 4-Bromofluorobenzene (PID)		95.7 %	71.5-134		3080502	MS	06-Aug-23	8021B				
Petroleum Hydrocarbons by G	C FID											
GRO C6-C10*	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B			
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B			
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B			
Surrogate: 1-Chlorooctane			99.8 %	48.2-134		3080440	MS	05-Aug-23	8015B			
Surrogate: 1-Chlorooctadecane			109 %	49.1	-148	3080440	MS	05-Aug-23	8015B			

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Celey D. Keene



Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE UNIT #46

Project Number: 237481

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 14-Aug-23 15:21

SW - 46 (0-0.5') H234165-12 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	3080720	AC	07-Aug-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)		97.0 %	71.5-134		3080502	MS	06-Aug-23	8021B		
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
Surrogate: 1-Chlorooctane			100 %	48.2	-134	3080440	MS	05-Aug-23	8015B	
Surrogate: 1-Chlorooctadecane			109 %	49.1	-148	3080440	MS	05-Aug-23	8015B	

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Celey D. Keine



Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE UNIT #46

Project Number: 237481

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 14-Aug-23 15:21

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3080720 - 1:4 DI Water										
Blank (3080720-BLK1)				Prepared &	: Analyzed:	07-Aug-23				
Chloride	ND	16.0	mg/kg							
LCS (3080720-BS1)				Prepared &	Analyzed:	07-Aug-23				
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (3080720-BSD1)				Prepared &	: Analyzed:	07-Aug-23				
Chloride	432	16.0	mg/kg	400		108	80-120	3.77	20	

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



%REC

Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE UNIT #46

Reported: 14-Aug-23 15:21

RPD

Project Number: 237481

Project Manager: ETHAN SESSUMS

Spike

Source

Fax To:

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Reporting

		Reporting		Spike	Source		70KEC		KPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 3080502 - Volatiles										
Blank (3080502-BLK1)				Prepared: ()5-Aug-23 A	Analyzed: (06-Aug-23			
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		95.6	71.5-134			
LCS (3080502-BS1)				Prepared: ()5-Aug-23 A	Analyzed: (06-Aug-23			
Benzene	2.18	0.050	mg/kg	2.00		109	82.8-130			
Toluene	2.12	0.050	mg/kg	2.00		106	86-128			
Ethylbenzene	2.06	0.050	mg/kg	2.00		103	85.9-128			
n,p-Xylene	4.18	0.100	mg/kg	4.00		104	89-129			
o-Xylene	2.02	0.050	mg/kg	2.00		101	86.1-125			
Total Xylenes	6.19	0.150	mg/kg	6.00		103	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0467		mg/kg	0.0500		93.5	71.5-134			
LCS Dup (3080502-BSD1)				Prepared: ()5-Aug-23 A	Analyzed: (06-Aug-23			
Benzene	2.20	0.050	mg/kg	2.00		110	82.8-130	0.577	15.8	
Toluene	2.14	0.050	mg/kg	2.00		107	86-128	0.949	15.9	
Ethylbenzene	2.06	0.050	mg/kg	2.00		103	85.9-128	0.121	16	
m,p-Xylene	4.16	0.100	mg/kg	4.00		104	89-129	0.424	16.2	
o-Xylene	2.03	0.050	mg/kg	2.00		101	86.1-125	0.686	16.7	
Total Xylenes	6.19	0.150	mg/kg	6.00		103	88.2-128	0.0618	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0460		mg/kg	0.0500		92.0	71.5-134			

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



%REC

Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE UNIT #46

Project Number: 237481

Project Manager: ETHAN SESSUMS

Spike

Source

Fax To:

Reported: 14-Aug-23 15:21

RPD

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Reporting

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 3080440 - General Prep - Organics										
Blank (3080440-BLK1)				Prepared: ()4-Aug-23 A	Analyzed: ()5-Aug-23			
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	42.6		mg/kg	50.0		85.2	48.2-134			
Surrogate: 1-Chlorooctadecane	46.5		mg/kg	50.0		93.1	49.1-148			
LCS (3080440-BS1)				Prepared: ()4-Aug-23 /	Analyzed: ()5-Aug-23			
GRO C6-C10	165	10.0	mg/kg	200		82.3	66.4-123			
DRO >C10-C28	167	10.0	mg/kg	200		83.6	66.5-118			
Total TPH C6-C28	332	10.0	mg/kg	400		83.0	77.6-123			
Surrogate: 1-Chlorooctane	45.6		mg/kg	50.0		91.2	48.2-134			
Surrogate: 1-Chlorooctadecane	52.7		mg/kg	50.0		105	49.1-148			
LCS Dup (3080440-BSD1)				Prepared: ()4-Aug-23 /	Analyzed: ()5-Aug-23			
GRO C6-C10	170	10.0	mg/kg	200		85.2	66.4-123	3.39	17.7	
DRO >C10-C28	166	10.0	mg/kg	200		83.1	66.5-118	0.522	21	
Total TPH C6-C28	337	10.0	mg/kg	400		84.2	77.6-123	1.44	18.5	
Surrogate: 1-Chlorooctane	46.7		mg/kg	50.0		93.4	48.2-134			
Surrogate: 1-Chlorooctadecane	51.2		mg/kg	50.0		102	49.1-148			

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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. Keine

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody



Work Order No:	H234165	of 20
		1

Work Order Comments

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Project Manager:	Ethan Se	essums				Bill to: (if d	different)		Wesle	y iviali	icws.							loop F	h	ownfields RRC _uperfun									
Company Name:	NTG Env	vironmer	ntal			Company Name: Devon Energy					Program: UST/PST PRP Brownfields RRC uperfund State of Project:																		
Address:	209 W M	IcKay St				Address:			6488	Seven	Rivers	Highway				-		III leve	Гъет	UST TRRE	Level IV								
City, State ZIP:	Carlsbad	, NM 88	220			City, Stat	e ZIP:		Artesia	a, NM	88210								ADaP1										
Phone:	254-266-				Email	: Wesley.	Mathew	s@dvn.c	com						Deliver	ables:	EDD [ADAF										
Project Name:		Thist	le Unit 46		Tur	n Around							ANAL	YSIS R	EQUEST	-	_	-			vative Codes								
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Received Intact:			No	Thermon	neter ID:	140				Parameters	802	80 +	ide 4								HOLD	NaHSO ₄ : NAI Na ₂ S ₂ O ₃ : Nai							
Cooler Custody Sea	als:	Yes N	No N/A	Correctio	n Factor:						BTEX 8021B	TPH 8015M (GRO	Chloride								-	Zn Acetate+N							
Sample Custody Se	eals:	Yes N	No (NA)	Tempera	ture Reading:	11	4c		"	15M	0										NaOH+Ascorbic Acid: SAPC								
Total Containers:		12		Correcte	d Temperature		_		1	H 80																			
Sample Ide	entification		Date	Time	Soil	Water	Grab/ Comp	# of Cont		₽										Sampl	e Comment								
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Chain of Custody

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Work Order No: <u>H234/45</u>	of 20
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Desirat Managar	Ethan Sessums				Bill to: (if o	different)		Wesle	y Math	iews								Work	Orde	r Com	nments	
Project Manager:	NTG Environme				Company			Devor	Energ	ıy					Progr	am: US	T/PST	PRP	Bro	wnfiel	ds RRC	uperfund
Company Name:	209 W McKay S				Address:			6488	Seven	Rivers	Highw	ay				of Proje						
Address:	Carlsbad, NM 8				City, Stat	e ZIP:			a, NM												T [TRRP	Level IV
City, State ZIP:	254-266-5456	0220			Wesley.		@dvn.c	om							Delive	rables:	EDD		ADa	аРТ 🗆] Other	r:
		N- 11-2-10			Around							A	NALY	SIS RE	QUEST						Preserv	ative Codes
Project Name:		tle Unit 46 237481		Routine	Rush	1	Pres. Code				П									Nor	ne: NO	DI Water: H ₂ O
Project Number:		a Co, NM		Due Date:	481		Code													Coc	ol: Cool	MeOH: Me
Project Location Sampler's Name:		lan Smith		TAT starts the					MRO)												L HC	HNO ₃ : HN
PO#:		1177730			eived by 4:3		2		+												S0 ₄ : H ₂	NaOH: Na
SAMPLE RECE	IPT Tem	p Blank:	Yes No	> Wet Ice:	Yes		Paramete	8021B	+ DRO	4500									1,		PO4 HP HSO4 NAB	ale.
Received Intact:	Yé	No No	Thermom	eter ID:	19	10	arai	80°	GRO +	ride									3	0 1	S ₂ O ₃ . NaS	
Cooler Custody Sea			Correction		-	110		BTEX	9)	Chloride											Acetate+N	
Sample Custody Se		No N/A		ure Reading: Temperature:	11	40			8015M (bic Acid: SAPC
Total Containers:	12		Corrected	Temperature.		Grab/	# of	1	TPH												Sample	Comments
Sample Ide	entification	Date	Time	Soil	Water	Comp	Cont		-								_		_		Sample	Comments
S(1)-47	5/0-6.5)	4-4-23	11:50	×		Comp	1	X	×	×							_	_	+	+		
SU-48	6 (0-0.5)	4-4-23	11:52	× ×		Comp	1	X	4	×		-	-	+	+	\vdash	-	-	+	+		
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Additional Comments:

* Customer requested ID changes. To. 8/11/23

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

Relinquished by: (Signature)	/ Received by: (Signature) /	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Mi	Mujera Medalsak	8423 1314	2		
100	Jumin's Carry		4		
			6		Revised Date 05012020 Rev. 200

Report to:
Ethan Sessums



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

NTG-New Tech Global Environmental

Project Name: Thistle Unit #46H

Work Order: E308234

Job Number: 01058-0007

Received: 9/1/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 9/5/23

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 9/5/23

Ethan Sessums 911 Regional Park Dr. Houston, TX 77060

Project Name: Thistle Unit #46H

Workorder: E308234

Date Received: 9/1/2023 5:45:00AM

Ethan Sessums,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/1/2023 5:45:00AM, under the Project Name: Thistle Unit #46H.

The analytical test results summarized in this report with the Project Name: Thistle Unit #46H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

Walter Hinchman

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Sample Summary

NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	Donoutoda
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	09/05/23 15:00

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container		
CS-66	E308234-01A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.		
CS-81	E308234-02A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.		
CS-82	E308234-03A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.		
CS-83	E308234-04A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.		
CS-84	E308234-05A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.		
CS-85	E308234-06A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.		
CS-86	E308234-07A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz		
CS-87	E308234-08A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz		
CS-88	E308234-09A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz		
CS-89	E308234-10A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.		
CS-90	E308234-11A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.		
CS-91	E308234-12A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.		
CS-92	E308234-13A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.		
CS-93	E308234-14A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.		
CS-94	E308234-15A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.		
CS-95	E308234-16A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz		
CS-96	E308234-17A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.		
CS-97	E308234-18A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz		
CS-98	E308234-19A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.		
CS-99	E308234-20A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz		
CS-100	E308234-21A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz		
CS-101	E308234-22A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz		
CS-102	E308234-23A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz		
CS-103	E308234-24A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz		
CS-104	E308234-25A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz		
CS-105	E308234-26A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz		
CS-106	E308234-27A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz		
SW-1B	E308234-28A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz		
SW-7B	E308234-29A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz		
SW-13B	E308234-30A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.		
SW-15B	E308234-31A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz		
SW-16B	E308234-32A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.		
SW-17B	E308234-33A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz		
SW-18B	E308234-34A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz		
SW-20B	E308234-35A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz		
SW-42	E308234-36A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz		
SW-47	E308234-37A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.		
SW-48	E308234-38A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.		



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

CS-66 E308234-01

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: Rl	KS		Batch: 2335081
Benzene	ND	0.0250		1	09/01/23	09/01/23	
Ethylbenzene	ND	0.0250		1	09/01/23	09/01/23	
Toluene	ND	0.0250		1	09/01/23	09/01/23	
o-Xylene	ND	0.0250		1	09/01/23	09/01/23	
p,m-Xylene	ND	0.0500		1	09/01/23	09/01/23	
Total Xylenes	ND	0.0250		1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		106 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		93.5 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		107 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: Rl	KS		Batch: 2335081
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		106 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		93.5 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		107 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL			Batch: 2335097

25.0

50.0

mg/kg

20.0

88.3 %

1

1

1

Analyst: BA

50-200

09/01/23

09/01/23

09/01/23

08/31/23

09/01/23

09/01/23

09/01/23

09/01/23

Batch: 2335088

218

87.3

mg/kg

180

Diesel Range Organics (C10-C28)

Oil Range Organics (C28-C36)

Anions by EPA 300.0/9056A

Surrogate: n-Nonane

Chloride

NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

CS-81

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: I	RKS		Batch: 2335081
Benzene	ND	0.0250	1	l	09/01/23	09/01/23	
Ethylbenzene	ND	0.0250	1	l	09/01/23	09/01/23	
Toluene	ND	0.0250	1	l	09/01/23	09/01/23	
o-Xylene	ND	0.0250	1	l	09/01/23	09/01/23	
p,m-Xylene	ND	0.0500	1	l	09/01/23	09/01/23	
Total Xylenes	ND	0.0250	1	1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		105 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		93.2 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		107 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	-	Analyst: I	RKS		Batch: 2335081
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		105 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		93.2 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		107 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: J	πL		Batch: 2335097
Diesel Range Organics (C10-C28)	26.3	25.0	1		09/01/23	09/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	1	09/01/23	09/01/23	
Surrogate: n-Nonane	·	88.1 %	50-200		09/01/23	09/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: I	ВА		Batch: 2335088
					08/31/23	09/01/23	



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

CS-82

		Reporting					
Analyte	Result	Limit	Dilı	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2335081
Benzene	ND	0.0250		1	09/01/23	09/01/23	
Ethylbenzene	ND	0.0250		1	09/01/23	09/01/23	
Toluene	ND	0.0250		1	09/01/23	09/01/23	
o-Xylene	ND	0.0250		1	09/01/23	09/01/23	
p,m-Xylene	ND	0.0500		1	09/01/23	09/01/23	
Total Xylenes	ND	0.0250		1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		105 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		93.9 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		105 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2335081
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		105 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		93.9 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		105 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2335097
Diesel Range Organics (C10-C28)	28.7	25.0		1	09/01/23	09/01/23	
Oil Range Organics (C28-C36)	ND	50.0		1	09/01/23	09/01/23	
Surrogate: n-Nonane		87.0 %	50-200		09/01/23	09/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2335088
		·			·	09/01/23	



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

CS-83

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: RK	S		Batch: 2335081
Benzene	ND	0.0250	1		09/01/23	09/01/23	
Ethylbenzene	ND	0.0250	1		09/01/23	09/01/23	
Toluene	ND	0.0250	1		09/01/23	09/01/23	
o-Xylene	ND	0.0250	1		09/01/23	09/01/23	
p,m-Xylene	ND	0.0500	1		09/01/23	09/01/23	
Total Xylenes	ND	0.0250	1	ļ	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		104 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		94.0 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		107 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: RK	S		Batch: 2335081
Gasoline Range Organics (C6-C10)	ND	20.0	1	ļ	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		104 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		94.0 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		107 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: JL			Batch: 2335097
Diesel Range Organics (C10-C28)	ND	25.0	1		09/01/23	09/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	[09/01/23	09/01/23	
Surrogate: n-Nonane		88.9 %	50-200		09/01/23	09/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: BA			Batch: 2335088
Allons by EPA 500.0/9050A	2 2	<u> </u>					



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

CS-84

		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2335081
Benzene	ND	0.0250		1	09/01/23	09/01/23	
Ethylbenzene	ND	0.0250		1	09/01/23	09/01/23	
Toluene	ND	0.0250		1	09/01/23	09/01/23	
o-Xylene	ND	0.0250		1	09/01/23	09/01/23	
p,m-Xylene	ND	0.0500		1	09/01/23	09/01/23	
Total Xylenes	ND	0.0250		1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		104 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		92.9 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		106 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2335081
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		104 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		92.9 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		106 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	ЛL		Batch: 2335097
Diesel Range Organics (C10-C28)	32.2	25.0		1	09/01/23	09/01/23	
Oil Range Organics (C28-C36)	ND	50.0		1	09/01/23	09/01/23	
Surrogate: n-Nonane		84.2 %	50-200		09/01/23	09/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2335088
Chloride	202	20.0		1	08/31/23	09/01/23	



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

CS-85

			_
103	0823	54-()	h

		Reporting	Reporting							
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes			
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2335081			
Benzene	ND	0.0250		1	09/01/23	09/01/23				
Ethylbenzene	ND	0.0250		1	09/01/23	09/01/23				
Toluene	ND	0.0250		1	09/01/23	09/01/23				
o-Xylene	ND	0.0250		1	09/01/23	09/01/23				
p,m-Xylene	ND	0.0500		1	09/01/23	09/01/23				
Total Xylenes	ND	0.0250		1	09/01/23	09/01/23				
Surrogate: Bromofluorobenzene	·	104 %	70-130		09/01/23	09/01/23				
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130		09/01/23	09/01/23				
Surrogate: Toluene-d8		108 %	70-130		09/01/23	09/01/23				
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2335081			
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/01/23	09/01/23				
Surrogate: Bromofluorobenzene		104 %	70-130		09/01/23	09/01/23				
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130		09/01/23	09/01/23				
Surrogate: Toluene-d8		108 %	70-130		09/01/23	09/01/23				
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: Л		Batch: 2335097			
Diesel Range Organics (C10-C28)	ND	25.0		1	09/01/23	09/01/23				
Oil Range Organics (C28-C36)	ND	50.0		1	09/01/23	09/01/23				
Surrogate: n-Nonane		85.0 %	50-200		09/01/23	09/01/23				
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: BA		Batch: 2335088			



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

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		E308234-07					
	Reporting						
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2335081
Benzene	ND	0.0250		1	09/01/23	09/01/23	
Ethylbenzene	ND	0.0250		1	09/01/23	09/01/23	
Toluene	ND	0.0250		1	09/01/23	09/01/23	
o-Xylene	ND	0.0250		1	09/01/23	09/01/23	
p,m-Xylene	ND	0.0500		1	09/01/23	09/01/23	
Total Xylenes	ND	0.0250		1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		106 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		96.4 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		105 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2335081
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		106 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		96.4 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		105 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2335097
Diesel Range Organics (C10-C28)	ND	25.0		1	09/01/23	09/01/23	
Oil Range Organics (C28-C36)	ND	50.0	:	1	09/01/23	09/01/23	
Surrogate: n-Nonane		84.1 %	50-200		09/01/23	09/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2335088

20.0

08/31/23

09/01/23

202



Chloride

NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

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		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2335081
Benzene	ND	0.0250	1	1	09/01/23	09/01/23	
Ethylbenzene	ND	0.0250	1	1	09/01/23	09/01/23	
Toluene	ND	0.0250	1	1	09/01/23	09/01/23	
o-Xylene	ND	0.0250	1	1	09/01/23	09/01/23	
p,m-Xylene	ND	0.0500	1	1	09/01/23	09/01/23	
Total Xylenes	ND	0.0250	1	1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		106 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		107 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2335081
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		106 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		107 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2335097
Diesel Range Organics (C10-C28)	25.4	25.0	1	1	09/01/23	09/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	1	09/01/23	09/01/23	
Surrogate: n-Nonane		87.9 %	50-200		09/01/23	09/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2335088
		·			08/31/23	09/01/23	



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

CS-88

		E308234-09					
Reporting							
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2335081
Benzene	ND	0.0250	1	1	09/01/23	09/01/23	
Ethylbenzene	ND	0.0250	1	1	09/01/23	09/01/23	
Toluene	ND	0.0250	1	1	09/01/23	09/01/23	
o-Xylene	ND	0.0250	1	1	09/01/23	09/01/23	
p,m-Xylene	ND	0.0500	1	1	09/01/23	09/01/23	
Total Xylenes	ND	0.0250	1	1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		103 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		94.8 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		105 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2335081
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		103 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		94.8 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		105 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2335097
Diesel Range Organics (C10-C28)	ND	25.0	1	1	09/01/23	09/01/23	_
Oil Range Organics (C28-C36)	ND	50.0	1	1	09/01/23	09/01/23	
Surrogate: n-Nonane		88.4 %	50-200		09/01/23	09/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2335088
Chloride	169	20.0	1	1	08/31/23	09/01/23	



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

CS-89 E308234-10

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2335081
Benzene	ND	0.0250	1	1	09/01/23	09/01/23	
Ethylbenzene	ND	0.0250	1	1	09/01/23	09/01/23	
Toluene	ND	0.0250	1	1	09/01/23	09/01/23	
o-Xylene	ND	0.0250	1	1	09/01/23	09/01/23	
p,m-Xylene	ND	0.0500	1	1	09/01/23	09/01/23	
Total Xylenes	ND	0.0250	1	1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		103 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		107 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2335081
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		103 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		107 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2335097
Diesel Range Organics (C10-C28)	26.5	25.0	1	1	09/01/23	09/02/23	
Oil Range Organics (C28-C36)	ND	50.0	1	1	09/01/23	09/02/23	
Surrogate: n-Nonane		87.9 %	50-200		09/01/23	09/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2335088



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

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		Reporting					
Analyte	Result	Limit	Dilu	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2335081
Benzene	ND	0.0250		1	09/01/23	09/01/23	
Ethylbenzene	ND	0.0250		1	09/01/23	09/01/23	
Toluene	ND	0.0250		1	09/01/23	09/01/23	
o-Xylene	ND	0.0250		1	09/01/23	09/01/23	
p,m-Xylene	ND	0.0500		1	09/01/23	09/01/23	
Total Xylenes	ND	0.0250	Ī	1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		104 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		93.3 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		107 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2335081
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		104 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		93.3 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		107 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2335097
Diesel Range Organics (C10-C28)	27.6	25.0		1	09/01/23	09/02/23	
Oil Range Organics (C28-C36)	ND	50.0		1	09/01/23	09/02/23	
Surrogate: n-Nonane		86.4 %	50-200		09/01/23	09/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2335088



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

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		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2335081
Benzene	ND	0.0250	1	l	09/01/23	09/01/23	
Ethylbenzene	ND	0.0250	1	[09/01/23	09/01/23	
Toluene	ND	0.0250	1	l	09/01/23	09/01/23	
o-Xylene	ND	0.0250	1	l	09/01/23	09/01/23	
p,m-Xylene	ND	0.0500	1	l	09/01/23	09/01/23	
Total Xylenes	ND	0.0250	1	1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		103 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		107 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	-	Analyst:	RKS		Batch: 2335081
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		103 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		107 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: .	JL		Batch: 2335097
Diesel Range Organics (C10-C28)	27.7	25.0	1		09/01/23	09/02/23	-
Oil Range Organics (C28-C36)	ND	50.0	1	<u> </u>	09/01/23	09/02/23	
Surrogate: n-Nonane		89.2 %	50-200		09/01/23	09/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2335088



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

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		Reporting					
Analyte	Result	Limit	Dilı	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2335081
Benzene	ND	0.0250		1	09/01/23	09/01/23	
Ethylbenzene	ND	0.0250		1	09/01/23	09/01/23	
Toluene	ND	0.0250		1	09/01/23	09/01/23	
o-Xylene	ND	0.0250		1	09/01/23	09/01/23	
p,m-Xylene	ND	0.0500		1	09/01/23	09/01/23	
Total Xylenes	ND	0.0250		1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		103 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		96.2 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		107 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2335081
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		103 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		96.2 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		107 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2335097
Diesel Range Organics (C10-C28)	26.4	25.0		1	09/01/23	09/02/23	
Oil Range Organics (C28-C36)	ND	50.0		1	09/01/23	09/02/23	
Surrogate: n-Nonane		88.4 %	50-200		09/01/23	09/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2335088



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

CS-93

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2335081
Benzene	ND	0.0250	1	l	09/01/23	09/01/23	
Ethylbenzene	ND	0.0250	1	l	09/01/23	09/01/23	
Toluene	ND	0.0250	1	l	09/01/23	09/01/23	
o-Xylene	ND	0.0250	1	l	09/01/23	09/01/23	
p,m-Xylene	ND	0.0500	1	l	09/01/23	09/01/23	
Total Xylenes	ND	0.0250	1	l	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		106 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		95.3 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		107 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2335081
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		106 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		95.3 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		107 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: .	JL		Batch: 2335097
Diesel Range Organics (C10-C28)	30.0	25.0	1		09/01/23	09/02/23	
Oil Range Organics (C28-C36)	ND	50.0	1	l	09/01/23	09/02/23	
Surrogate: n-Nonane		88.3 %	50-200		09/01/23	09/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2335088
		·				·	



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

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		Reporting					
Analyte	Result	Limit	Dilı	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2335081
Benzene	ND	0.0250		1	09/01/23	09/01/23	
Ethylbenzene	ND	0.0250		1	09/01/23	09/01/23	
Toluene	ND	0.0250		1	09/01/23	09/01/23	
o-Xylene	ND	0.0250		1	09/01/23	09/01/23	
p,m-Xylene	ND	0.0500		1	09/01/23	09/01/23	
Total Xylenes	ND	0.0250		1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		104 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		93.0 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		107 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2335081
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		104 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		93.0 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		107 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2335097
Diesel Range Organics (C10-C28)	ND	25.0		1	09/01/23	09/02/23	
Oil Range Organics (C28-C36)	ND	50.0		1	09/01/23	09/02/23	
Surrogate: n-Nonane		84.3 %	50-200		09/01/23	09/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2335088
					·	09/01/23	



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

CS-95

		Reporting					
Analyte	Result	Limit	Dilı	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2335081
Benzene	ND	0.0250		1	09/01/23	09/01/23	
Ethylbenzene	ND	0.0250		1	09/01/23	09/01/23	
Toluene	ND	0.0250		1	09/01/23	09/01/23	
o-Xylene	ND	0.0250		1	09/01/23	09/01/23	
p,m-Xylene	ND	0.0500		1	09/01/23	09/01/23	
Total Xylenes	ND	0.0250		1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		104 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		93.5 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		107 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2335081
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		104 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		93.5 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		107 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2335097
Diesel Range Organics (C10-C28)	36.4	25.0		1	09/01/23	09/02/23	
Oil Range Organics (C28-C36)	ND	50.0		1	09/01/23	09/02/23	
Surrogate: n-Nonane		84.4 %	50-200		09/01/23	09/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2335088



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

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		Reporting					
Analyte	Result	Limit	Dilu	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2335081
Benzene	ND	0.0250		1	09/01/23	09/01/23	
Ethylbenzene	ND	0.0250		1	09/01/23	09/01/23	
Toluene	ND	0.0250	Ī	1	09/01/23	09/01/23	
o-Xylene	ND	0.0250	Ī	1	09/01/23	09/01/23	
p,m-Xylene	ND	0.0500	Ī	1	09/01/23	09/01/23	
Total Xylenes	ND	0.0250		1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		104 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		108 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2335081
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		104 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		108 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2335097
Diesel Range Organics (C10-C28)	ND	25.0		1	09/01/23	09/02/23	
Oil Range Organics (C28-C36)	ND	50.0		1	09/01/23	09/02/23	
Surrogate: n-Nonane		88.5 %	50-200		09/01/23	09/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2335088



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

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E3	082	234	-18

		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: I	RKS		Batch: 2335081
Benzene	ND	0.0250	1	l	09/01/23	09/01/23	
Ethylbenzene	ND	0.0250	1	l	09/01/23	09/01/23	
Toluene	ND	0.0250	1	l	09/01/23	09/01/23	
o-Xylene	ND	0.0250	1	l	09/01/23	09/01/23	
p,m-Xylene	ND	0.0500	1	l	09/01/23	09/01/23	
Total Xylenes	ND	0.0250	1	1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		99.4 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		98.3 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		106 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	-	Analyst: I	RKS		Batch: 2335081
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		99.4 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		98.3 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		106 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: J	L		Batch: 2335097
Diesel Range Organics (C10-C28)	ND	25.0	1		09/01/23	09/02/23	
Oil Range Organics (C28-C36)	ND	50.0	1	l	09/01/23	09/02/23	
Surrogate: n-Nonane		85.0 %	50-200		09/01/23	09/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: I	BA		Batch: 2335088
Amons by ETA 500.0/3030A							



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

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		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2335081
Benzene	ND	0.0250	1	1	09/01/23	09/01/23	
Ethylbenzene	ND	0.0250	1	1	09/01/23	09/01/23	
Toluene	ND	0.0250	1	1	09/01/23	09/01/23	
o-Xylene	ND	0.0250	1	1	09/01/23	09/01/23	
p,m-Xylene	ND	0.0500	1	1	09/01/23	09/01/23	
Total Xylenes	ND	0.0250	1	1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		102 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		107 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2335081
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		102 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		107 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2335097
Diesel Range Organics (C10-C28)	ND	25.0	1	1	09/01/23	09/02/23	
Oil Range Organics (C28-C36)	ND	50.0	1	1	09/01/23	09/02/23	
Surrogate: n-Nonane		88.6 %	50-200		09/01/23	09/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2335088



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

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		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: Rl	KS		Batch: 2335081
Benzene	ND	0.0250	1		09/01/23	09/01/23	
Ethylbenzene	ND	0.0250	1		09/01/23	09/01/23	
Toluene	ND	0.0250	1		09/01/23	09/01/23	
o-Xylene	ND	0.0250	1		09/01/23	09/01/23	
p,m-Xylene	ND	0.0500	1		09/01/23	09/01/23	
Total Xylenes	ND	0.0250	1		09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		105 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		95.7 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		108 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: Rl	KS		Batch: 2335081
Gasoline Range Organics (C6-C10)	ND	20.0	1		09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		105 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		95.7 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		108 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: JL			Batch: 2335097
Diesel Range Organics (C10-C28)	ND	25.0	1		09/01/23	09/02/23	
Oil Range Organics (C28-C36)	ND	50.0	1		09/01/23	09/02/23	
Surrogate: n-Nonane		90.4 %	50-200		09/01/23	09/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: B	A		Batch: 2335088
11110110 0 7 111110 0 0 10 7 7 0 0 0 1 1							



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

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		E308234-21					
		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: I	Y		Batch: 2335082
Benzene	ND	0.0250	1	[09/01/23	09/01/23	
Ethylbenzene	ND	0.0250	1	l	09/01/23	09/01/23	
Toluene	ND	0.0250	1	l	09/01/23	09/01/23	
o-Xylene	ND	0.0250	1	l	09/01/23	09/01/23	
p,m-Xylene	ND	0.0500	1	l	09/01/23	09/01/23	
Total Xylenes	ND	0.0250	1	l	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		121 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		112 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: I	Y		Batch: 2335082
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		121 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		112 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: J	L		Batch: 2335099
Diesel Range Organics (C10-C28)	ND	25.0	1		09/01/23	09/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	[09/01/23	09/01/23	
Surrogate: n-Nonane		92.0 %	50-200		09/01/23	09/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: I	ВА		Batch: 2335089
Chloride	425	20.0	1	<u> </u>	08/31/23	09/01/23	



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

CS-101 E308234-22

		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: IY		Batch: 2335082
Benzene	ND	0.0250		1	09/01/23	09/01/23	
Ethylbenzene	ND	0.0250		1	09/01/23	09/01/23	
Toluene	ND	0.0250		1	09/01/23	09/01/23	
o-Xylene	ND	0.0250		1	09/01/23	09/01/23	
p,m-Xylene	ND	0.0500		1	09/01/23	09/01/23	
Total Xylenes	ND	0.0250		1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		122 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		111 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: IY		Batch: 2335082
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		122 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		111 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: Љ		Batch: 2335099
Diesel Range Organics (C10-C28)	ND	25.0		1	09/01/23	09/01/23	
Oil Range Organics (C28-C36)	ND	50.0		1	09/01/23	09/01/23	
Surrogate: n-Nonane		89.3 %	50-200		09/01/23	09/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: BA		Batch: 2335089
Chloride	328	20.0		1	08/31/23	09/01/23	



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

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E308234-23							
		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY			Batch: 2335082
Benzene	ND	0.0250	1	1	09/01/23	09/01/23	
Ethylbenzene	ND	0.0250	1	1	09/01/23	09/01/23	
Toluene	ND	0.0250	1	1	09/01/23	09/01/23	
o-Xylene	ND	0.0250	1	1	09/01/23	09/01/23	
p,m-Xylene	ND	0.0500	1	1	09/01/23	09/01/23	
Total Xylenes	ND	0.0250	1	1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		121 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		112 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY			Batch: 2335082
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		121 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		112 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg mg/kg		Analyst: JL			Batch: 2335099
Diesel Range Organics (C10-C28)	ND	25.0	1	1	09/01/23	09/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	1	09/01/23	09/01/23	
Surrogate: n-Nonane		88.9 %	50-200		09/01/23	09/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: B	A		Batch: 2335089

20.0

08/31/23

09/01/23

470



Chloride

NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

CS-103

		E308234-24					
		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: I	Y		Batch: 2335082
Benzene	ND	0.0250	1	1	09/01/23	09/01/23	
Ethylbenzene	ND	0.0250	1	1	09/01/23	09/01/23	
Toluene	ND	0.0250	1	1	09/01/23	09/01/23	
o-Xylene	ND	0.0250	1	1	09/01/23	09/01/23	
p,m-Xylene	ND	0.0500	1	1	09/01/23	09/01/23	
Total Xylenes	ND	0.0250	1	1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		119 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		112 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: I	Y		Batch: 2335082
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		119 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		112 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: J	L		Batch: 2335099
Diesel Range Organics (C10-C28)	ND	25.0	1	1	09/01/23	09/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	1	09/01/23	09/01/23	
Surrogate: n-Nonane		92.0 %	50-200		09/01/23	09/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: I	ВА		Batch: 2335089
Chloride	23.3	20.0	1	1	08/31/23	09/01/23	



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

CS-104

		E308234-25					
		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2335082
Benzene	ND	0.0250		1	09/01/23	09/01/23	
Ethylbenzene	ND	0.0250		1	09/01/23	09/01/23	
Toluene	ND	0.0250		1	09/01/23	09/01/23	
o-Xylene	ND	0.0250		1	09/01/23	09/01/23	
p,m-Xylene	ND	0.0500		1	09/01/23	09/01/23	
Total Xylenes	ND	0.0250		1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		121 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		111 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2335082
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		121 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		111 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2335099
Diesel Range Organics (C10-C28)	ND	25.0		1	09/01/23	09/01/23	
Oil Range Organics (C28-C36)	ND	50.0		1	09/01/23	09/01/23	
Surrogate: n-Nonane		92.3 %	50-200		09/01/23	09/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2335089
Chloride	105	20.0		1	08/31/23	09/01/23	



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

CS-105

		E308234-26					
		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2335082
Benzene	ND	0.0250		1	09/01/23	09/01/23	
Ethylbenzene	ND	0.0250		1	09/01/23	09/01/23	
Toluene	ND	0.0250		1	09/01/23	09/01/23	
o-Xylene	ND	0.0250		1	09/01/23	09/01/23	
p,m-Xylene	ND	0.0500		1	09/01/23	09/01/23	
Total Xylenes	ND	0.0250	:	1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		122 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		111 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2335082
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		122 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		111 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2335099
Diesel Range Organics (C10-C28)	35.5	25.0		1	09/01/23	09/01/23	
Oil Range Organics (C28-C36)	ND	50.0		1	09/01/23	09/01/23	
Surrogate: n-Nonane		92.0 %	50-200		09/01/23	09/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2335089
Chloride	199	20.0		1	08/31/23	09/01/23	



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

CS-106

		E308234-27					
		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: I	Y		Batch: 2335082
Benzene	ND	0.0250	1	1	09/01/23	09/01/23	
Ethylbenzene	ND	0.0250	1	1	09/01/23	09/01/23	
Toluene	ND	0.0250	1	1	09/01/23	09/01/23	
o-Xylene	ND	0.0250	1	1	09/01/23	09/01/23	
p,m-Xylene	ND	0.0500	1	1	09/01/23	09/01/23	
Total Xylenes	ND	0.0250	1	l	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		121 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		111 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: I	Y		Batch: 2335082
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		121 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		111 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: J	L		Batch: 2335099
Diesel Range Organics (C10-C28)	ND	25.0	1	1	09/01/23	09/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	1	09/01/23	09/01/23	
Surrogate: n-Nonane		90.7 %	50-200		09/01/23	09/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: I	BA		Batch: 2335089
Chloride	157	20.0	1	1	08/31/23	09/01/23	



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

SW-1B E308234-28

Analyte	Result	Reporting Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:			Batch: 2335082
Benzene	ND	0.0250	1		09/01/23	09/01/23	Buttu 2000 002
Ethylbenzene	ND	0.0250	1	1	09/01/23	09/01/23	
Toluene	ND	0.0250	1	1	09/01/23	09/01/23	
o-Xylene	ND	0.0250	1	1	09/01/23	09/01/23	
p,m-Xylene	ND	0.0500	1	l	09/01/23	09/01/23	
Total Xylenes	ND	0.0250	1	1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		116 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		111 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2335082
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		116 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		111 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2335099
Diesel Range Organics (C10-C28)	ND	25.0	1	1	09/01/23	09/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	1	09/01/23	09/01/23	
Surrogate: n-Nonane		91.1 %	50-200		09/01/23	09/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2335089
Chloride	213	20.0	1	1	08/31/23	09/01/23	



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

SW-7B E308234-29

		E500254-27				
Analyte	Result	Reporting Limit	Dilut	tion Prepare	ed Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY		Batch: 2335082
Benzene	ND	0.0250	1	09/01/2	3 09/01/23	
Ethylbenzene	ND	0.0250	1	09/01/2	3 09/01/23	
Toluene	ND	0.0250	1	09/01/2	3 09/01/23	
o-Xylene	ND	0.0250	1	09/01/2	3 09/01/23	
p,m-Xylene	ND	0.0500	1	09/01/2	3 09/01/23	
Total Xylenes	ND	0.0250	1	09/01/2	09/01/23	
Surrogate: Bromofluorobenzene		121 %	70-130	09/01/2	23 09/01/23	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130	09/01/2	93 09/01/23	
Surrogate: Toluene-d8		112 %	70-130	09/01/2	99/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: IY		Batch: 2335082
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/01/2	3 09/01/23	
Surrogate: Bromofluorobenzene		121 %	70-130	09/01/2	93 09/01/23	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130	09/01/2	93 09/01/23	
Surrogate: Toluene-d8		112 %	70-130	09/01/2	99/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL		Batch: 2335099
Diesel Range Organics (C10-C28)	37.9	25.0	1	09/01/2	3 09/02/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/01/2	09/02/23	
Surrogate: n-Nonane		89.4 %	50-200	09/01/2	23 09/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: BA		Batch: 2335089
Chloride	172	20.0	1	08/31/2	3 09/01/23	

NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

SW-13B E308234-30

	Reporting					
Result	Limit	Dil	ution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst:	: IY		Batch: 2335082
ND	0.0250		1	09/01/23	09/01/23	
ND	0.0250		1	09/01/23	09/01/23	
ND	0.0250		1	09/01/23	09/01/23	
ND	0.0250		1	09/01/23	09/01/23	
ND	0.0500		1	09/01/23	09/01/23	
ND	0.0250		1	09/01/23	09/01/23	
	119 %	70-130		09/01/23	09/01/23	
	95.0 %	70-130		09/01/23	09/01/23	
	112 %	70-130		09/01/23	09/01/23	
mg/kg	mg/kg		Analyst:	: IY		Batch: 2335082
ND	20.0		1	09/01/23	09/01/23	
	119 %	70-130		09/01/23	09/01/23	
	95.0 %	70-130		09/01/23	09/01/23	
	112 %	70-130		09/01/23	09/01/23	
mg/kg	mg/kg		Analyst:	: Љ		Batch: 2335099
ND	25.0		1	09/01/23	09/02/23	
ND	50.0		1	09/01/23	09/02/23	
	90.3 %	50-200		09/01/23	09/02/23	
mg/kg	mg/kg		Analyst	: BA		Batch: 2335089
186	20.0		1	08/31/23	09/01/23	
	ND Mg/kg ND Mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 II9 % 95.0 % II2 % mg/kg MD 20.0 II9 % 95.0 % II2 % mg/kg MD 25.0 % ND 25.0 ND 50.0 90.3 % mg/kg mg/kg mg/kg	Result Limit Dil mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 119 % 70-130 95.0 % 70-130 112 % 70-130 mg/kg mg/kg ND 20.0 112 % 70-130 mg/kg mg/kg ND 25.0 ND 50.0 90.3 % 50-200 mg/kg mg/kg	Result Limit Dilution mg/kg mg/kg Analyst ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 119 % 70-130 95.0 % 70-130 112 % 70-130 mg/kg mg/kg Analyst ND 20.0 1 112 % 70-130 1 mg/kg mg/kg Analyst ND 25.0 % 70-130 ND 25.0 1 ND 50.0 1 90.3 % 50-200 mg/kg Mg/kg Analyst	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 09/01/23 ND 0.0250 1 09/01/23 ND 0.0250 1 09/01/23 ND 0.0500 1 09/01/23 ND 0.0250 1 09/01/23 ND 0.0250 1 09/01/23 ND 70-130 09/01/23 95.0 % 70-130 09/01/23 112 % 70-130 09/01/23 mg/kg mg/kg Analyst: IY ND 20.0 1 09/01/23 119 % 70-130 09/01/23 95.0 % 70-130 09/01/23 112 % 70-130 09/01/23 112 % 70-130 09/01/23 mg/kg mg/kg Analyst: JL ND 25.0 1 09/01/23 ND 50.0 1 09/01/23 mg/kg	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 09/01/23 09/01/23 ND 0.0250 1 09/01/23 09/01/23 09/01/23 ND 0.0250 1 09/01/23 09/01/23 ND 0.0250 1 09/01/23 09/01/23 ND 0.0500 1 09/01/23 09/01/23 ND 0.0250 1 09/01/23 09/01/23 ND 0.0250 1 09/01/23 09/01/23 95.0 % 70-130 09/01/23 09/01/23 95.0 % 70-130 09/01/23 09/01/23 mg/kg mg/kg Analyst: IY ND 20.0 1 09/01/23 09/01/23 95.0 % 70-130 09/01/23 09/01/23 95.0 % 70-130 09/01/23 09/01/23 mg/kg mg/kg Analyst: JL ND 25.0 1<



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

SW-15B E308234-31

	D 1	Reporting	D.1				N.
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2335082
Benzene	ND	0.0250	1	1	09/01/23	09/01/23	
Ethylbenzene	ND	0.0250	1	1	09/01/23	09/01/23	
Toluene	ND	0.0250	1	1	09/01/23	09/01/23	
o-Xylene	ND	0.0250	1	1	09/01/23	09/01/23	
p,m-Xylene	ND	0.0500	1	1	09/01/23	09/01/23	
Total Xylenes	ND	0.0250	1	1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		121 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		95.4 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		111 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2335082
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		121 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		95.4 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		111 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2335099
Diesel Range Organics (C10-C28)	ND	25.0	1	1	09/01/23	09/02/23	_
Oil Range Organics (C28-C36)	ND	50.0	1	1	09/01/23	09/02/23	
Surrogate: n-Nonane		90.9 %	50-200		09/01/23	09/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2335089
Chloride	198	20.0		1	08/31/23	09/01/23	



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

SW-16B E308234-32

		Reporting					
Analyte	Result	Limit	Diluti	ion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	Analyst: Γ	Y		Batch: 2335082
Benzene	ND	0.0250	1		09/01/23	09/01/23	
Ethylbenzene	ND	0.0250	1		09/01/23	09/01/23	
Toluene	ND	0.0250	1		09/01/23	09/01/23	
o-Xylene	ND	0.0250	1		09/01/23	09/01/23	
p,m-Xylene	ND	0.0500	1		09/01/23	09/01/23	
Total Xylenes	ND	0.0250	1		09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		122 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		93.4 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		112 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	Analyst: Γ	Y		Batch: 2335082
Gasoline Range Organics (C6-C10)	ND	20.0	1		09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		122 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		93.4 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		112 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	А	Analyst: Л	L		Batch: 2335099
Diesel Range Organics (C10-C28)	ND	25.0	1		09/01/23	09/02/23	
Oil Range Organics (C28-C36)	ND	50.0	1		09/01/23	09/02/23	
Surrogate: n-Nonane		91.3 %	50-200		09/01/23	09/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	Analyst: B	A		Batch: 2335089
Chloride	167	20.0	1		08/31/23	09/01/23	

NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

SW-17B E308234-33

		200020.00					
Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
			- Di	Analyst:		7 mary zea	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Allalyst		00/01/02	Batch: 2335082
Benzene	ND	0.0250		1	09/01/23	09/01/23	
Ethylbenzene	ND	0.0250		1	09/01/23	09/01/23	
Toluene	ND	0.0250		1	09/01/23	09/01/23	
o-Xylene	ND	0.0250		1	09/01/23	09/01/23	
p,m-Xylene	ND	0.0500		1	09/01/23	09/01/23	
Total Xylenes	ND	0.0250		1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		121 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		111 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2335082
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		121 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		111 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2335099
Diesel Range Organics (C10-C28)	32.7	25.0		1	09/01/23	09/02/23	
Oil Range Organics (C28-C36)	ND	50.0		1	09/01/23	09/02/23	
Surrogate: n-Nonane		88.9 %	50-200		09/01/23	09/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2335089
Chloride	192	20.0		1	08/31/23	09/01/23	



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

SW-18B E308234-34

		200020.0.					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
				Analyst:		7 mary zea	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Allalyst		00/01/02	Batch: 2335082
Benzene	ND	0.0250		1	09/01/23	09/01/23	
Ethylbenzene	ND	0.0250		1	09/01/23	09/01/23	
Toluene	ND	0.0250		1	09/01/23	09/01/23	
o-Xylene	ND	0.0250		1	09/01/23	09/01/23	
p,m-Xylene	ND	0.0500		1	09/01/23	09/01/23	
Total Xylenes	ND	0.0250		1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		119 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		94.4 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		111 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: IY		Batch: 2335082
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		119 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		94.4 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		111 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: Л		Batch: 2335099
Diesel Range Organics (C10-C28)	29.1	25.0		1	09/01/23	09/02/23	
Oil Range Organics (C28-C36)	ND	50.0		1	09/01/23	09/02/23	
Surrogate: n-Nonane		90.3 %	50-200		09/01/23	09/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: BA		Batch: 2335089
Chloride	199	20.0		1	08/31/23	09/01/23	·



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

SW-20B E308234-35

		E300234-33					
		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: IY		Batch: 2335082
Benzene	ND	0.0250		1	09/01/23	09/01/23	
Ethylbenzene	ND	0.0250		1	09/01/23	09/01/23	
Toluene	ND	0.0250		1	09/01/23	09/01/23	
o-Xylene	ND	0.0250		1	09/01/23	09/01/23	
p,m-Xylene	ND	0.0500		1	09/01/23	09/01/23	
Total Xylenes	ND	0.0250		1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		121 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		111 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2335082
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		121 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		111 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: ЛL		Batch: 2335099
Diesel Range Organics (C10-C28)	27.7	25.0		1	09/01/23	09/02/23	
Oil Range Organics (C28-C36)	ND	50.0	:	1	09/01/23	09/02/23	
Surrogate: n-Nonane		89.9 %	50-200	·	09/01/23	09/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: BA		Batch: 2335089
Chloride	192	20.0		1	08/31/23	09/01/23	



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

SW-42 E308234-36

		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: IY		Batch: 2335082
Benzene	ND	0.0250		1	09/01/23	09/01/23	
Ethylbenzene	ND	0.0250		1	09/01/23	09/01/23	
Toluene	ND	0.0250		1	09/01/23	09/01/23	
o-Xylene	ND	0.0250		1	09/01/23	09/01/23	
p,m-Xylene	ND	0.0500		1	09/01/23	09/01/23	
Total Xylenes	ND	0.0250		1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		120 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		112 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: IY		Batch: 2335082
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		120 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		112 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: Л		Batch: 2335099
Diesel Range Organics (C10-C28)	ND	25.0		1	09/01/23	09/02/23	
Oil Range Organics (C28-C36)	ND	50.0		1	09/01/23	09/02/23	
Surrogate: n-Nonane		89.8 %	50-200		09/01/23	09/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: BA		Batch: 2335089
Chloride	190	20.0		1	08/31/23	09/01/23	



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

SW-47 E308234-37

		200020107					
Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
			Dii			Allalyzed	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:			Batch: 2335082
Benzene	ND	0.0250		1	09/01/23	09/01/23	
Ethylbenzene	ND	0.0250		1	09/01/23	09/01/23	
Toluene	ND	0.0250		1	09/01/23	09/01/23	
o-Xylene	ND	0.0250		1	09/01/23	09/01/23	
p,m-Xylene	ND	0.0500		1	09/01/23	09/01/23	
Total Xylenes	ND	0.0250		1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		121 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		94.8 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		111 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2335082
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		121 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		94.8 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		111 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2335099
Diesel Range Organics (C10-C28)	ND	25.0		1	09/01/23	09/02/23	
Oil Range Organics (C28-C36)	ND	50.0		1	09/01/23	09/02/23	
Surrogate: n-Nonane		95.8 %	50-200		09/01/23	09/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2335089
Chloride	30.7	20.0		1	08/31/23	09/01/23	



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

SW-48

		E308234-38				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY		Batch: 2335082
Benzene	ND	0.0250	1	09/01/23	09/01/23	
Ethylbenzene	ND	0.0250	1	09/01/23	09/01/23	
Toluene	ND	0.0250	1	09/01/23	09/01/23	
o-Xylene	ND	0.0250	1	09/01/23	09/01/23	
p,m-Xylene	ND	0.0500	1	09/01/23	09/01/23	
Total Xylenes	ND	0.0250	1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		121 %	70-130	09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130	09/01/23	09/01/23	
Surrogate: Toluene-d8		112 %	70-130	09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY		Batch: 2335082
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		121 %	70-130	09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130	09/01/23	09/01/23	
Surrogate: Toluene-d8		112 %	70-130	09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL		Batch: 2335099
Diesel Range Organics (C10-C28)	ND	25.0	1	09/01/23	09/02/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/01/23	09/02/23	
Surrogate: n-Nonane		93.7 %	50-200	09/01/23	09/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: BA		Batch: 2335089
Chloride	39.5	20.0		08/31/23		



Thistle Unit #46H NTG-New Tech Global Environmental Project Name: Reported: 911 Regional Park Dr. Project Number: 01058-0007 Houston TX, 77060 Project Manager: Ethan Sessums 9/5/2023 3:00:10PM **Volatile Organic Compounds by EPA 8260B** Analyst: RKS Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2335081-BLK1) Prepared: 09/01/23 Analyzed: 09/01/23 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 ND 0.0250 Total Xylenes Surrogate: Bromofluorobenzene 0.518 0.500 104 70-130 Surrogate: 1,2-Dichloroethane-d4 0.460 0.500 92.0 70-130 0.500 106 70-130 Surrogate: Toluene-d8 0.531 LCS (2335081-BS1) Prepared: 09/01/23 Analyzed: 09/01/23 2.79 0.0250 2.50 112 70-130 Benzene 2.85 2.50 114 70-130 Ethylbenzene 0.0250 2.86 0.0250 2.50 114 70-130 2.97 119 70-130 0.0250 2.50 o-Xylene 5.86 5.00 117 70-130 p,m-Xylene 0.0500 8.83 0.0250 7.50 118 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.520 0.500 104 70-130 0.500 93.1 70-130 Surrogate: 1,2-Dichloroethane-d4 0.466 70-130 Surrogate: Toluene-d8 0.528 0.500 Matrix Spike (2335081-MS1) Source: E308234-07 Prepared: 09/01/23 Analyzed: 09/01/23 48-131 2.59 0.0250 2.50 ND 103 45-135 Ethylbenzene 2.69 0.0250 2.50 ND 108 ND 48-130 Toluene 2.67 0.0250 2.50 107 2.92 0.0250 2.50 ND 117 43-135 o-Xylene 5.70 5.00 ND 114 43-135 p,m-Xylene 0.0500 Total Xylenes 8.62 0.0250 7.50 ND 115 43-135 Surrogate: Bromofluorobenzene 0.519 0.500 104 70-130 0.500 95.9 70-130 Surrogate: 1,2-Dichloroethane-d4 0.480 0.500 70-130 0.517 Surrogate: Toluene-d8 Matrix Spike Dup (2335081-MSD1) Source: E308234-07 Prepared: 09/01/23 Analyzed: 09/01/23 2.36 0.0250 2.50 ND 94.5 48-131 9.11 23 2.59 0.0250 2.50 ND 103 45-135 4.05 27 Ethylbenzene 2.59 ND 103 48-130 3.05 24 2.50 Toluene 0.0250 o-Xylene 2.81 0.0250 2.50 ND 112 43-135 3.89 27 5.00 ND 110 43-135 3.64 27 5.50 p,m-Xylene 0.0500 27 8.31 0.0250 7.50 ND 111 43-135 3.73 Total Xylenes Surrogate: Bromofluorobenzene 0.528 0.500 106 70-130 0.500 92.2 70-130 Surrogate: 1,2-Dichloroethane-d4 0.461



0.500

107

70-130

0.533

Surrogate: Toluene-d8

Thistle Unit #46H NTG-New Tech Global Environmental Project Name: Reported: 911 Regional Park Dr. Project Number: 01058-0007 Houston TX, 77060 Project Manager: Ethan Sessums 9/5/2023 3:00:10PM **Volatile Organic Compounds by EPA 8260B** Analyst: IY Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2335082-BLK1) Prepared: 09/01/23 Analyzed: 09/01/23 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 ND 0.0250 Total Xylenes Surrogate: Bromofluorobenzene 0.612 0.500 122 70-130 Surrogate: 1,2-Dichloroethane-d4 0.473 0.500 94.6 70-130 0.500 112 70-130 Surrogate: Toluene-d8 0.559 LCS (2335082-BS1) Prepared: 09/01/23 Analyzed: 09/01/23 2.36 0.0250 2.50 94.4 70-130 Benzene 2.58 2.50 103 70-130 Ethylbenzene 0.0250 2.56 0.0250 2.50 102 70-130 70-130 2.73 0.0250 2.50 109 o-Xylene 5.48 5.00 110 70-130 p,m-Xylene 0.0500 8.21 0.0250 7.50 109 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.610 0.500 122 70-130 0.500 95.8 70-130 Surrogate: 1,2-Dichloroethane-d4 0.479 70-130 Surrogate: Toluene-d8 0.559 0.500 112 Matrix Spike (2335082-MS1) Source: E308234-27 Prepared: 09/01/23 Analyzed: 09/01/23 48-131 2.65 0.0250 2.50 ND 45-135 Ethylbenzene 2.68 0.0250 2.50 ND 107 2.72 ND 109 48-130 Toluene 0.0250 2.50 2.87 0.0250 2.50 ND 115 43-135 o-Xylene 5.77 5.00 ND 115 43-135 p,m-Xylene 0.0500 Total Xylenes 8.64 0.0250 7.50 ND 115 43-135 Surrogate: Bromofluorobenzene 0.608 0.500 122 70-130 0.500 97.6 70-130 Surrogate: 1,2-Dichloroethane-d4 0.488 0.500 70-130 0.555 Surrogate: Toluene-d8 Matrix Spike Dup (2335082-MSD1) Source: E308234-27 Prepared: 09/01/23 Analyzed: 09/01/23 2.47 0.0250 2.50 ND 98.8 48-131 7.18 23 2.54 0.0250 2.50 ND 45-135 5.56 27 Ethylbenzene ND 48-130 5.80 24 2.56 2.50 102 Toluene 0.0250 o-Xylene 2.70 0.0250 2.50 ND 108 43-135 6.19 27 5.44 5.00 ND 109 43-135 27 0.0500 5.89 p,m-Xylene 27 8.13 0.0250 7.50 ND 108 43-135 5.99 Total Xylenes Surrogate: Bromofluorobenzene 0.613 0.500 123 70-130 0.500 93.4 70-130 Surrogate: 1,2-Dichloroethane-d4 0.467



0.500

112

70-130

0.558

Surrogate: Toluene-d8

NTG-New Tech Global Environmental Project Name: Thistle Unit #46H Reported:
911 Regional Park Dr. Project Number: 01058-0007
Houston TX, 77060 Project Manager: Ethan Sessums 9/5/2023 3:00:10PM

Nonhalogenated	Organics l	by EPA	8015D -	GRO

Analyst: RKS

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

Notes
alyzed: 09/01/23
alyzed: 09/01/23
L2
alyzed: 09/01/23
M7
alyzed: 09/01/23
M7
<u> </u>
<u> </u>
3



Gasoline Range Organics (C6-C10)

Surrogate: Bromofluorobenzene

Surrogate: Toluene-d8

QC Summary Data

NTG-New Tech Global Environmental Project Name: Thistle Unit #46H Reported:
911 Regional Park Dr. Project Number: 01058-0007
Houston TX, 77060 Project Manager: Ethan Sessums 9/5/2023 3:00:10PM

	Nonhalogenated Organics by EPA 8015D - GRO								
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2335082-BLK1)							Prepared: 0	9/01/23 Analy	yzed: 09/01/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.612		0.500		122	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.473		0.500		94.6	70-130			
Surrogate: Toluene-d8	0.559		0.500		112	70-130			
LCS (2335082-BS2)							Prepared: 0	9/01/23 Anal	yzed: 09/01/23

Surrogate: 1,2-Dichloroethane-d4	0.469		0.500		93.7	70-130	
Surrogate: Toluene-d8	0.567		0.500		113	70-130	
Matrix Spike (2335082-MS2)				Source:	E308234-	27	Prepared: 09/01/23 Analyzed: 09/01/23
Gasoline Range Organics (C6-C10)	57.5	20.0	50.0	ND	115	70-130	
Surrogate: Bromofluorobenzene	0.611		0.500		122	70-130	
Surrogate: 1,2-Dichloroethane-d4	0.492		0.500		98.4	70-130	

0.500

50.0

0.500

115

121

113

70-130 70-130

70-130

57.5

0.603

0.565

20.0

Matrix Spike Dup (2335082-MSD2)		Source:	E308234-2	27	Prepared: 09/01/23 Analyzed: 09/01/2			
Gasoline Range Organics (C6-C10)	57.7	20.0	50.0	ND	115	70-130	0.276	20
Surrogate: Bromofluorobenzene	0.615		0.500		123	70-130		
Surrogate: 1,2-Dichloroethane-d4	0.481		0.500		96.2	70-130		
Surrogate: Toluene-d8	0.563		0.500		113	70-130		

NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	Reported:
911 Regional Park Dr.	Project Number:	01058-0007	•
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

Houston TX, 77060		Project Manage	r: Et	han Sessums				9	0/5/2023 3:00:10PM
	Nonhal	logenated Or	ganics by	EPA 8015I) - DRO	ORO/			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2335097-BLK1)							Prepared: 0	9/01/23 Ana	alyzed: 09/01/23
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	42.4		50.0		84.7	50-200			
LCS (2335097-BS1)							Prepared: 0	9/01/23 Ana	alyzed: 09/01/23
Diesel Range Organics (C10-C28)	221	25.0	250		88.6	38-132			
Surrogate: n-Nonane	40.3		50.0		80.6	50-200			
Matrix Spike (2335097-MS1)				Source:	E308234-0	05	Prepared: 0	9/01/23 Ana	alyzed: 09/01/23
Diesel Range Organics (C10-C28)	257	25.0	250	32.2	89.9	38-132			
Surrogate: n-Nonane	43.7		50.0		87.4	50-200			
Matrix Spike Dup (2335097-MSD1)				Source:	E308234-0	05	Prepared: 0	9/01/23 Ana	alyzed: 09/01/23
Diesel Range Organics (C10-C28)	257	25.0	250	32.2	90.0	38-132	0.147	20	
Surrogate: n-Nonane	43.9		50.0		87.8	50-200			



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	Reported:
911 Regional Park Dr.	Project Number:	01058-0007	•
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

Houston TX, 77060		Project Manage	r: Eti	han Sessums					9/5/2023 3:00:10PM
	Nonha	logenated Or		Analyst: JL					
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2335099-BLK1)							Prepared: 0	9/01/23 Ar	nalyzed: 09/01/23
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	43.3		50.0		86.6	50-200			
LCS (2335099-BS1)							Prepared: 0	9/01/23 Ar	nalyzed: 09/01/23
Diesel Range Organics (C10-C28)	238	25.0	250		95.3	38-132			
urrogate: n-Nonane	44.2		50.0		88.5	50-200			
Matrix Spike (2335099-MS1)				Source:	E308234-2	25	Prepared: 0	9/01/23 Ar	nalyzed: 09/01/23
Diesel Range Organics (C10-C28)	235	25.0	250	ND	94.2	38-132			
urrogate: n-Nonane	46.1		50.0		92.2	50-200			
Matrix Spike Dup (2335099-MSD1)				Source:	E308234-2	25	Prepared: 0	9/01/23 Ar	nalyzed: 09/01/23
Diesel Range Organics (C10-C28)	231	25.0	250	ND	92.4	38-132	1.91	20	
urrogate: n-Nonane	43.2		50.0		86.4	50-200			



NTG-New Tech Global Environmental 911 Regional Park Dr.	Project Name: Project Number:	Thistle Unit #46H 01058-0007	Reported:					
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM					
	uston TX, 77060 Project Manager: Ethan Sessums A nions by EPA 300 0/9056A							

Houston 1A, 77000		1 Toject Manage	i. Et	nan Sessums					7/3/2023 3.00.101 N
		Anions	s by EPA 3	00.0/9056	4				Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	N
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2335088-BLK1)							Prepared: 0	8/31/23 A	Analyzed: 09/01/23
Chloride	ND	20.0							
LCS (2335088-BS1)							Prepared: 0	8/31/23 A	Analyzed: 09/01/23
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2335088-MS1)				Source:	E308234-	01	Prepared: 0	8/31/23 A	Analyzed: 09/01/23
Chloride	440	20.0	250	180	104	80-120			
Matrix Spike Dup (2335088-MSD1)				Source:	E308234-	01	Prepared: 0	8/31/23 A	Analyzed: 09/01/23
Chloride	441	20.0	250	180	104	80-120	0.154	20	

NTG-New Tech Global Environmental		Project Name:		histle Unit #46	Н				Reported:
911 Regional Park Dr. Houston TX, 77060		Project Number: Project Manager:		1058-0007 than Sessums					9/5/2023 3:00:10PM
		Anions	by EPA 3	300.0/9056 <i>A</i>	\				Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2335089-BLK1)							Prepared: 0	8/31/23 A	Analyzed: 09/01/23
Chloride	ND	20.0							
LCS (2335089-BS1)							Prepared: 0	8/31/23 A	Analyzed: 09/01/23
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2335089-MS1)				Source:	E308234-2	21	Prepared: 0	8/31/23 A	Analyzed: 09/01/23
Chloride	638	20.0	250	425	85.4	80-120			
Matrix Spike Dup (2335089-MSD1)				Source:	E308234-2	21	Prepared: 0	8/31/23 A	Analyzed: 09/01/23
Chloride	697	20.0	250	425	109	80-120	8.71	20	

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

ſ	NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
١	911 Regional Park Dr.	Project Number:	01058-0007	Reported:
١	Houston TX, 77060	Project Manager:	Ethan Sessums	09/05/23 15:00

L2 The LCS spike recovery was above acceptance limits. This analyte was not detected in the sample.

M7 Matrix Spike was outside the acceptance limits.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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



Chain of Custody



Work Order No: <u>E308234</u> Job # 01058-0007

roject Manager:	Ethan	Sessums	3			Bill to: (if	different)		Wesle	y Math	news							Wo	rk Order	Comments	
Company Name:	NTG E	Environm	ental			Company	Name:		Devor	Energ	ЭУ					Program	UST/F	ST PR	P Brow	nfields RRC	_uperfund _
address:	402 E	Wood A	/e			Address:			6488	Seven	Rivers	Highway	/		_	State of I					
City, State ZIP:	Carlsb	ad, NM 8	88220			City, Stat	e ZIP:		Artesia	a, NM	88210				4	Reporting	:Level	II 🗌 Leve	III 🗁s	T/UST TRRP	Level IV
Phone:	254-26	66-5456			Email:	Wesley.	Mathews	@dvn.c	om							Deliverab	les: El		ADaF	Other:	
Project Name:		Thist	le Unit #46H		Turr	Around							ANA	LYSIS	REQU	JEST				Preserva	tive Codes
Project Number:			237481		Routine	✓ Rush	1	Pres. Code												None: NO	DI Water: H ₂ O
Project Location		Le	a Co. NM		Due Date:	48	hr													Cool: Cool	MeOH: Me
Sampler's Name:		Ke	llan Smith		TAT starts the	day receive	ed by the			MRO)		- 4		1						PST/UST TRRP DaPT Other: Preservative None: NO	HNO ₃ : HN
O #:		2	1211758		lab, if rece	eived by 4:3	0pm	ē	1	+							1				NaOH: Na
SAMPLE RECEI	PT	Tem	p Blank:	Yes No	Wet Ice:	Yes) No	Parameters	18	DRO	4500							1 1		H ₃ PO ₄ : HP	
Received Intact:		Ye	s) No	Thermom	eter ID:	_		aran	BTEX 8021B	+ 0	de 4					1			2	NaHSO ₄ : NABI	S
Cooler Custody Seals		Yes	No N/A	Correction	n Factor:	.,		à	TEX	(GRO	Chloride							1 1	¥	Na ₂ S ₂ O ₃ : NaSC)3
ample Custody Sea	ls:	Yes	No N/A		ure Reading:	4			m	8015M	5							1 1			
otal Containers:				Corrected	Temperature:					1 80					1 1	1		1 1	- 1	NaOH+Ascorbio	c Acid: SAPC
Sample Iden	tificatio	on	Date	Time	Soil	Water	Grab/ Comp	# of Cont		ТРН										Sample	Comments
CS-6	66		8/30/2023		x		Comp	1	х	×	х								1		
CS-8	1		8/30/2023		x		Comp	1	x	x	х								2		
CS-8	32		8/30/2023		х		Comp	1	x	х	х								3		
CS-8	33		8/30/2023		x		Comp	1	х	х	х								4		
CS-8	34		8/30/2023		x		Comp	1	x	X	х								5		
CS-8	35		8/30/2023		х		Comp	1	х	x	х								6		
CS-8	36		8/30/2023		х		Comp	1	х	х	х								7		
CS-8	37		8/30/2023		х		Comp	1	x	х	х							1000	8	Cool: Cool M HCL: HC H H ₂ SO ₄ : H ₂ N H ₃ PO ₄ : HP NaHSO ₄ : NABIS	
CS-8	88		8/30/2023	0	х		Comp	1	x	х	х								9		
CS-8	39		8/30/2023		x		Comp	1	х	х	х								10		
A dalisia	nel C	omments																			

Relinquished by: (Signature)

Received by: (

of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.



Work Order No: <u>E308234</u>
JOB # 01058-0007

Project Manager:	Ethan	Sessum	s			Bill to: (if	different)		Wesle	y Math	news						W	ork Order	Comments	
Company Name:	NTG E	Environm	ental			Company	Name:		Devon	Energ	зу				Pro	ogram: I	UST/PST F	PRP Brow	vnfields RRC	uperfund
Address:	402 E	Wood A	ve			Address:			6488 5	Seven	Rivers	Highway			Sta	ate of Pr	oject:			
City, State ZIP:	Carlsb	ad, NM	88220			City, Stat	te ZIP:		Artesia	a, NM	88210				Re	porting:L	evel II Le	vel III 🗁 S	T/UST TRRP	Level IV
hone:	254-26	66-5456			Email:	Wesley.	Mathews	@dvn.c	om						De	liverable	s: EDD	ADaF	Other:	
roject Name:		This	tle Unit #46H		Turr	Around							ANAI	YSIS F	REQUE	ST			Preserva	tive Codes
roject Number:			237481		Routine	✓ Rush	1	Pres. Code	-					- 1			11-5		None: NO	DI Water: H ₂ C
roject Location		Le	ea Co. NM		Due Date:	48	Bhr												Cool: Cool	MeOH: Me
ampler's Name:		Ke	ellan Smith		TAT starts the	day receive	ed by the			+ MRO)								- 1	HCL: HC	HNO ₃ : HN
O #:			21211758		lab, if rece	eived by 4:3	0pm	5		+ W							1 1		H ₂ S0 ₄ : H ₂	NaOH: Na
AMPLE RECE	IPT	Ten	np Blank:	Yes No	Wet Ice:	Yes) No	Parameters	8	+ DRO	200								H ₃ PO ₄ : HP	
eceived Intact:		Ye	No No	Thermom	eter ID:			aran	8021B	+ 0	Chloride 4500							НОГР	NaHSO ₄ : NABIS	3
ooler Custody Sea	ls:	Yes	No N/A	Correctio	n Factor:	,		ů.	втех	(GF	hlori	116						±	Na ₂ S ₂ O ₃ : NaSC	3
ample Custody Se	als:	Yes	No N/A		ture Reading:	4				TPH 8015M (GRO	5								Zn Acetate+Na(
otal Containers:			T	Corrected	Temperature:					Н 80									NaOH+Ascorbio	Acid: SAPC
Sample Ide	ntification	on	Date	Time	Soil	Water	Grab/ Comp	# of Cont		dЬ									Sample (Comments
CS-	90		8/30/2023		х		Comp	1	х	x	х							11		
CS-	91		8/30/2023		х		Comp	1	x	х	х							12		
CS-	92		8/30/2023		Х		Comp	1	X	х	х							13		
CS-	93		8/30/2023		X		Comp	1	х	x	х							14		
CS-	94		8/30/2023	- 1	X		Comp	1	х	X	х							15		
CS-			8/30/2023		X		Comp	1	х	х	х							16		
CS-	96		8/30/2023		х		Comp	1	X	х	х							17		
CS-			8/30/2023		х		Comp	1	x	×	х							18		
CS-9	717		8/30/2023		х		Comp	1	Х	х	х							19		
CS-	99		8/30/2023		х		Comp	1	X	×	X							20	>	
Additi	onal C	omment	s:																	

Relinquished by: (Signature)

Received by: (

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Work Order No: <u>E308234</u> JOH # 01058-0007

Project Manager:	Ethan	Sessums	3			Bill to: (if	different)		Wesle	y Mati	news				8		Work	Order	Comments	
Company Name:	NTG E	Environme	ental			Company	y Name:		Devor	Energ	gy				Progr	am: UST	PST PRP	Brow	nfields RRC	_uperfund _
Address:	402 E	Wood Av	re .			Address:			6488	Seven	Rivers	Highway			State	of Projec	t:			
City, State ZIP:	Carlsb	ad, NM 8	8220			City, Sta	te ZIP:		Artesi	a, NM	88210				Repor	ting:Leve	I II 🗌 Level I	II 🗁st	T/UST TRRP	Level IV
Phone:	254-26	66-5456			Email:	Wesley	Mathews	@dvn.c	com						Delive	rables: E	DD 🗌	ADaP	Other:	
Project Name:		Thist	le Unit #46H		Turi	n Around							ANAL	YSIS RI	EQUEST				Preservativ	ve Codes
Project Number:		7	237481		Routine	✓ Rus	h	Pres. Code											None: NO	DI Water: H ₂ O
Project Location		Le	a Co. NM		Due Date:	48	3hr												Cool: Cool	MeOH: Me
Sampler's Name:		Ke	llan Smith		TAT starts the					(RO)									HCL HC	HNO ₃ : HN
PO #:		2	1211758		lab, if rece	eived by 4:3	0pm	<u>s</u>		+ 0									H ₂ S0 ₄ : H ₂	NaOH: Na
SAMPLE RECE	PT		p Blank:	Yes No	Wet Ice:	Yes	oN (se		8	DRC	200								H ₃ PO ₄ : HP	
Received Intact:	1	Ye	300	Thermom	eter ID:			araı	BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 4500			HOLD	NaHSO ₄ NABIS							
Received Intact: Cooler Custody Seals: Sample Custody Seals:		Yes		Correctio		,,		а.	3TE)	19)	hlor							Ī	Na ₂ S ₂ O ₃ . NaSO ₃	
Sample Custody Sea Total Containers:	als:	Yes	No N/A		ture Reading:	Reading: 4						Zn Acetate+NaOH								
Total Containers.				Corrected	Temperature:		1			ЭН 8(0								NaOH+Ascorbic A	ACIO. SAPC
Sample Idea	ntificatio	on	Date	Time	Soil	Water	Grab/ Comp	# of Cont		#									Sample Co	omments
CS-1	00		8/30/2023		X		Comp	1	х	×	x							21		
CS-1	01	1	8/30/2023		x		Comp	1	x	x	x							2		
CS-1	02		8/30/2023		x		Comp	1	×	x	x							23		
CS-1	03		8/30/2023		X		Comp	1	x	x	х							24		
CS-1	04		8/30/2023		x	0.2	Comp	1	х	X	x			- 1/2				25		
CS-1	05		8/30/2023		x		Comp	1	х	X	х							26		
CS-1	06		8/30/2023		x		Comp	1	x	x	x							27		
SW-	1B		8/30/2023		X		Comp	1	x	×	x							28		
SW-	7B		8/30/2023		x		Comp	1	X	×	х							29		
SW-1	3B		8/30/2023		x		Comp	1	×	х	x							30	A	
Additi	onal C	omments	s:																	

Relinquished by: (Signature)

Received by: (



Work Order No: <u>E308234</u> JOD # 01058-0007

EN	IVIRON	MENTA	L																		Page4_	of4
Project Manager:	Ethan :	Sessums				Bill to: (if	different)		Wesle	y Mati	news								Work	Order	Comments	
Company Name:	NTG E	nvironme	ental			Company	Name:		Devor	Ener	9У					Progra	am: U	ST/PST	PRP	Brow	nfields RRC	_uperfund _
Address:	402 E	Wood Av	e			Address:			6488	Seven	Rivers	Highwa	у			State o	of Pro	ject:				
City, State ZIP:	Carlsba	ad, NM 8	8220			City, Stat	e ZIP:		Artesi	a, NM	88210					Report	ing:Le	evel II	Level III	□ sī	T/UST TRRP	Level IV
Phone:	254-26	6-5456		- 1	Email:	Wesley.	Mathews	@dvn.c	com							Deliver	rables	: EDD		ADaP	T Other:	
Project Name:		Thistl	e Unit #46H		Turi	Around							ANA	ALYSIS	REQ	UEST					Preservat	ive Codes
Project Number:		2	237481		Routine	✓ Rush	1	Pres. Code													None: NO	DI Water: H ₂ O
Project Location		Lea	a Co. NM		Due Date:	48	Bhr														Cool: Cool	MeOH: Me
Sampler's Name:		Kel	llan Smith		TAT starts the					8015M (GRO + DRO + MRO)											HCL: HC	HNO ₃ : HN
PO #:		2	1211758		lab, if rece	eived by 4:3	0pm	Parameters		N + C				1 1							H ₂ S0 ₄ : H ₂	NaOH: Na
SAMPLE RECEI	PT		p Blank:	Yes No	Wet Ice:	Yes) No	nete	<u>n</u>	DRC	4500										H₃PO₄: HP	
Received Intact:		Yes	⊙ No	Thermom	eter ID:			arar	802	402	de 4									НОГР	NaHSO₄: NABIS	
Cooler Custody Seal		Yes		Correction				Δ.	E	(6	Chloride			1 1						Ĭ	Na ₂ S ₂ O ₃ : NaSO ₃	1-12
Sample Custody Sea	als:	Yes	No N/A	DA BUSINESS	ure Reading:	4				15M	O			1 1							Zn Acetate+NaO	
Total Containers:				Corrected	Temperature:					TPH 80				1 1					NaOH+		NaOH+Ascorbic	Acid: SAPC
Sample Ider	ntificatio	n	Date	Time	Soil	Water	Grab/ Comp	# of Cont		d1											Sample C	omments
SW-1	5B		8/30/2023		х		Comp	1	х	х	×								11	31		
SW-1	6B		8/30/2023		x		Comp	1	X	x	×									32		
SW-1	7B		8/30/2023		x		Comp	1	x	×	×									33		
SW-1	8B		8/30/2023		х		Comp	1	х	x	х									34		
SW-2	:0B		8/30/2023		x		Comp	1	х	x	х									35		
SW-	42		8/30/2023		х		Comp	1	x	X	×									36		
SW-	47		8/30/2023		х		Comp	1	х	х	x									37		
SW-	48		8/30/2023		х		Comp	1	х	×	x			1						38		
Addition	onal Co	mments	:																			
Notice: Signature of this of service. Xenco will be of Xenco. A minimum ch	liable onl	y for the co	st of samples and	shall not as	sume any respon	sibility for a	ny losses	or expense	s incurr	ed by th	e client	if such lo	sses are d	ue to circu	mstan	ces beyo	nd the	control				

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 00	Michele Guns	831-23 1025	Michell Can's	Andrew mass	8.31.23 2000
3 Andra M 450	Carth Man	9/1/23 5:45	4		
5			6		

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envirotech Inc.

Printed: 9/1/2023 10:07:54AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	NTG-New Tech Global Environmental	Date Received:	09/01/23 05:4	15	Work Order ID:	E308234
Phone:	(281) 872-9300	Date Logged In:	08/31/23 14:1	16	Logged In By:	Caitlin Mars
Email:	esessums@ntglobal.com	Due Date:	09/05/23 17:0	00 (1 day TAT)		
	Custody (COC) ne sample ID match the COC?		Yes			
2. Does th	ne number of samples per sampling site location ma	tch the COC	Yes			
3. Were sa	amples dropped off by client or carrier?		Yes	Carrier: C	Courier	
4. Was the	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	No			
	Il samples received within holding time? Note: Analysis, such as pH which should be conducted i i.e, 15 minute hold time, are not included in this disucssi	•	Yes	r	Commen	ts/Resolution
	Curn Around Time (TAT) © COC indicate standard TAT, or Expedited TAT?		Yes		Time sampled not provi	ided on COC per
Sample C	<u>Cooler</u>				client. SRC email not se	ent per client
7. Was a s	sample cooler received?		Yes		request.	
8. If yes,	was cooler received in good condition?		Yes		1	
9. Was the	e sample(s) received intact, i.e., not broken?		Yes			
10. Were	custody/security seals present?		No			
11. If yes,	, were custody/security seals intact?		NA			
	e sample received on ice? If yes, the recorded temp is 4°C Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample	re received w/i 15	Yes <u>C</u>			
Sample C	Container	_				
	queous VOC samples present?		No			
15. Are V	OC samples collected in VOA Vials?		NA			
16. Is the	head space less than 6-8 mm (pea sized or less)?		NA			
17. Was a	trip blank (TB) included for VOC analyses?		NA			
18. Are no	on-VOC samples collected in the correct containers	?	Yes			
19. Is the a	appropriate volume/weight or number of sample contain	ners collected?	Yes			
Field Lab						
	field sample labels filled out with the minimum info	ormation:	V			
	ample ID? ate/Time Collected?		Yes	Ĺ		
	ollectors name?		Yes No			
Sample P	Preservation_		110			
21. Does	the COC or field labels indicate the samples were p	reserved?	No			
22. Are sa	ample(s) correctly preserved?		NA			
24. Is lab	filteration required and/or requested for dissolved r	netals?	No			
Multipha	se Sample Matrix					
26. Does	the sample have more than one phase, i.e., multipha	ise?	No			
27. If yes,	, does the COC specify which phase(s) is to be analy	yzed?	NA			
Subcontr	act Laboratory					
28. Are sa	amples required to get sent to a subcontract laborate	ory?	No			
29. Was a	subcontract laboratory specified by the client and i	f so who?	NA Su	abcontract Lab	: na	
Client In	nstruction					

Date

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



August 07, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: THISTLE UNIT #46

Enclosed are the results of analyses for samples received by the laboratory on 08/03/23 14:31.

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

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

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

Celey D. Keine

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Received: 08/03/2023 Sampling Date: 08/03/2023
Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact

Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 67 (4') (H234131-01)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.01	100	2.00	3.99	
Toluene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.10	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.82	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.72	95.4	6.00	2.30	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1410	16.0	08/07/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	165	82.4	200	3.58	
DRO >C10-C28*	<10.0	10.0	08/05/2023	ND	173	86.5	200	4.55	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	99.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114 9	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, 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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

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

Received: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 68 (4') (H234131-02)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.01	100	2.00	3.99	
Toluene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.10	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.82	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.72	95.4	6.00	2.30	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1020	16.0	08/07/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	165	82.4	200	3.58	
DRO >C10-C28*	<10.0	10.0	08/05/2023	ND	173	86.5	200	4.55	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Analytical Results For:

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

Fax To:

Received: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237481 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 69 (4') (H234131-03)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.01	100	2.00	3.99	
Toluene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.10	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.82	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.72	95.4	6.00	2.30	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2600	16.0	08/07/2023	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	08/05/2023	ND	165	82.4	200	3.58	
DRO >C10-C28*	<10.0	10.0	08/05/2023	ND	173	86.5	200	4.55	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	93.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 70 (4') (H234131-04)

BTEX 8021B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.01	100	2.00	3.99	
Toluene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.10	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.82	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.72	95.4	6.00	2.30	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	08/07/2023	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	08/05/2023	ND	165	82.4	200	3.58	
DRO >C10-C28*	<10.0	10.0	08/05/2023	ND	173	86.5	200	4.55	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	99.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 237481

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 71 (4') (H234131-05)

BTEX 8021B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.01	100	2.00	3.99	
Toluene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.10	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.82	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.72	95.4	6.00	2.30	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1440	16.0	08/07/2023	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	08/05/2023	ND	165	82.4	200	3.58	
DRO >C10-C28*	<10.0	10.0	08/05/2023	ND	173	86.5	200	4.55	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	102 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117 9	% 49.1-14	0						

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Analytical Results For:

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

Fax To:

Received: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 72 (2') (H234131-06)

RTFY 8021R

BIEX 8021B	тд/кд		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.01	100	2.00	3.99	
Toluene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.10	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.82	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.72	95.4	6.00	2.30	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/07/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	165	82.4	200	3.58	
DRO >C10-C28*	<10.0	10.0	08/05/2023	ND	173	86.5	200	4.55	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	135 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	153 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Project Number: Sample Received By: 237481 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: SW - 26 (0-4') (H234131-07)

BTEX 8021B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.01	100	2.00	3.99	
Toluene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.10	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.82	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.72	95.4	6.00	2.30	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1120	16.0	08/07/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	165	82.4	200	3.58	
DRO >C10-C28*	<10.0	10.0	08/05/2023	ND	173	86.5	200	4.55	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	132 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	151 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237481 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: SW - 27 (0-4') (H234131-08)

BTEX 8021B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.01	100	2.00	3.99	
Toluene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.10	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.82	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.72	95.4	6.00	2.30	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 5	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2760	16.0	08/07/2023	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	08/05/2023	ND	165	82.4	200	3.58	
DRO >C10-C28*	<10.0	10.0	08/05/2023	ND	173	86.5	200	4.55	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	114 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	130 9	% 49.1-14	8						

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08/03/2023

Analytical Results For:

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

Sampling Date:

Received: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: SW - 28 (0-4') (H234131-09)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.01	100	2.00	3.99	
Toluene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.10	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.82	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.72	95.4	6.00	2.30	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3920	16.0	08/07/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	165	82.4	200	3.58	
DRO >C10-C28*	16.6	10.0	08/05/2023	ND	173	86.5	200	4.55	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119	% 49.1-14	8						

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Celey D. Keene



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Analytical Results For:

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

Received: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Project Number: Sample Received By: Tamara Oldaker 237481

Project Location: DEVON - LEA CO., NM

Sample ID: SW - 29 (0-4') (H234131-10)

BTEX 8021B	mg,	'kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.01	100	2.00	3.99	
Toluene*	0.682	0.050	08/05/2023	ND	1.92	95.9	2.00	3.10	
Ethylbenzene*	0.860	0.050	08/05/2023	ND	1.92	95.9	2.00	3.82	
Total Xylenes*	7.76	0.150	08/05/2023	ND	5.72	95.4	6.00	2.30	
Total BTEX	9.31	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	216	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	08/07/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	380	10.0	08/05/2023	ND	165	82.4	200	3.58	
DRO >C10-C28*	5840	10.0	08/05/2023	ND	173	86.5	200	4.55	
EXT DRO >C28-C36	1120	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	136	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	132	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/03/2023

237481

Reported: 08/07/2023

Project Name: THISTLE UNIT #46

Project Location: DEVON - LEA CO., NM Sampling Date: 08/03/2023

Sampling Type: Soil

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

Sample ID: SW - 30 (H234131-11)

Project Number:

BTEX 8021B	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.01	100	2.00	3.99	
Toluene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.10	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.82	
Total Xylenes*	0.159	0.150	08/05/2023	ND	5.72	95.4	6.00	2.30	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	672	16.0	08/07/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	11.9	10.0	08/05/2023	ND	165	82.4	200	3.58	
DRO >C10-C28*	641	10.0	08/05/2023	ND	173	86.5	200	4.55	
EXT DRO >C28-C36	175	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	95.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	124 9	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 08/03/2023 Sampling Date: 08/03/2023 Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 237481

Project Location: DEVON - LEA CO., NM

Sample ID: SW - 31 (H234131-12)

BTEX 8021B	mg/	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.01	100	2.00	3.99	
Toluene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.10	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.82	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.72	95.4	6.00	2.30	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 5	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6000	16.0	08/07/2023	ND	432	108	400	3.64	QM-07
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	165	82.4	200	3.58	
DRO >C10-C28*	10.5	10.0	08/05/2023	ND	173	86.5	200	4.55	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	109 5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	126	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Received: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: DEVON - LEA CO., NM

ma/ka

Sample ID: SW - 32 (H234131-13)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.01	100	2.00	3.99	
Toluene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.10	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.82	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.72	95.4	6.00	2.30	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2400	16.0	08/07/2023	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	165	82.4	200	3.58	
DRO >C10-C28*	587	10.0	08/05/2023	ND	173	86.5	200	4.55	
EXT DRO >C28-C36	174	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	100	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	137	% 49.1-14	8						

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Celeg & Freene



Analytical Results For:

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

Fax To:

Received: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: DEVON - LEA CO., NM

ma/ka

Sample ID: SW - 33 (H234131-14)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.01	100	2.00	3.99	
Toluene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.10	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.82	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.72	95.4	6.00	2.30	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1710	16.0	08/07/2023	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	165	82.4	200	3.58	
DRO >C10-C28*	<10.0	10.0	08/05/2023	ND	173	86.5	200	4.55	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: DEVON - LEA CO., NM

ma/ka

Sample ID: SW - 34 (H234131-15)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.01	100	2.00	3.99	
Toluene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.10	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.82	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.72	95.4	6.00	2.30	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2000	16.0	08/07/2023	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	165	82.4	200	3.58	
DRO >C10-C28*	39.2	10.0	08/05/2023	ND	173	86.5	200	4.55	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	99.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: DEVON - LEA CO., NM

ma/ka

Sample ID: SW - 35 (H234131-16)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.01	100	2.00	3.99	
Toluene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.10	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.82	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.72	95.4	6.00	2.30	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4000	16.0	08/07/2023	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	165	82.4	200	3.58	
DRO >C10-C28*	<10.0	10.0	08/05/2023	ND	173	86.5	200	4.55	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	105	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	126	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: DEVON - LEA CO., NM

ma/ka

Sample ID: SW - 36 (H234131-17)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	ea By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.01	100	2.00	3.99	
Toluene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.10	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.82	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.72	95.4	6.00	2.30	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1550	16.0	08/07/2023	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	165	82.4	200	3.58	
DRO >C10-C28*	<10.0	10.0	08/05/2023	ND	173	86.5	200	4.55	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: SW - 37 (H234131-18)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.01	100	2.00	3.99	
Toluene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.10	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.82	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.72	95.4	6.00	2.30	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	784	16.0	08/07/2023	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	165	82.4	200	3.58	
DRO >C10-C28*	163	10.0	08/05/2023	ND	173	86.5	200	4.55	
EXT DRO >C28-C36	36.1	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	112	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	135	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 237481

Project Location: DEVON - LEA CO., NM

Sample ID: SW - 38 (H234131-19)

BTEX 8021B	mg/kg		Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.01	100	2.00	3.99	
Toluene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.10	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.82	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.72	95.4	6.00	2.30	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 5	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2280	16.0	08/07/2023	ND	432	108	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	165	82.4	200	3.58	
DRO >C10-C28*	<10.0	10.0	08/05/2023	ND	173	86.5	200	4.55	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	104 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119 9	% 49.1-14	8						

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Celey D. Keine



Sample Received By:

08/03/2023

Tamara Oldaker

Analytical Results For:

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

Fax To:

Received: 08/03/2023 Sampling Date:

Reported: 08/07/2023 Sampling Type: Soil
Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact

Project Number: 237481

Project Location: DEVON - LEA CO., NM

ma/ka

Sample ID: SW - 39 (H234131-20)

RTFY 8021R

B1EX 8021B	mg,	/ kg	Anaiyze	ea By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.01	100	2.00	3.99	
Toluene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.10	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.82	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.72	95.4	6.00	2.30	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1760	16.0	08/07/2023	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	165	82.4	200	3.58	
DRO >C10-C28*	<10.0	10.0	08/05/2023	ND	173	86.5	200	4.55	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	96.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

Applyzod By: MC

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Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Analyzed By: 1H /

Project Location: DEVON - LEA CO., NM

ma/ka

Sample ID: SW - 40 (H234131-21)

RTFY 8021R

BIEX 8021B	mg/	9	Anaryzo	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.06	103	2.00	2.63	
Toluene*	<0.050	0.050	08/05/2023	ND	1.96	98.2	2.00	1.45	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	2.03	102	2.00	1.88	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.96	99.4	6.00	2.77	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/07/2023	ND	432	108	400	3.64	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	172	85.8	200	7.15	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	163	81.6	200	8.95	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					
Surrogate: 1-Chlorooctane	80.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.5	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Received: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Analyzed By: 1H /

Project Location: DEVON - LEA CO., NM

ma/ka

Sample ID: SW - 41 (H234131-22)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.06	103	2.00	2.63	
Toluene*	<0.050	0.050	08/05/2023	ND	1.96	98.2	2.00	1.45	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	2.03	102	2.00	1.88	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.96	99.4	6.00	2.77	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID 113 %		% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/07/2023	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	172	85.8	200	7.15	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	163	81.6	200	8.95	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					
Surrogate: 1-Chlorooctane	82.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.2	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Received: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 237481

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 73 (H234131-23)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/05/2023	ND	2.06	103	2.00	2.63		
Toluene*	<0.050	0.050	08/05/2023	ND	1.96	98.2	2.00	1.45		
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	2.03	102	2.00	1.88		
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.96	99.4	6.00	2.77		
Total BTEX	<0.300	0.300	08/05/2023	ND						
Surrogate: 4-Bromofluorobenzene (PID 1		% 71.5-13	4							
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/07/2023	ND	432	108	400	3.64		
TPH 8015M	mg/	'kg	Analyze	d By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	172	85.8	200	7.15		
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	163	81.6	200	8.95		
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND						
Surrogate: 1-Chlorooctane	80.2	% 48.2-13	4							
Surrogate: 1-Chlorooctadecane	80.3	% 49.1-14	8							

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Notes and Definitions

S-04	The surrogate recover	v for this sample is outside of established control limits due to a sample matrix effect.
3-U 1	THE Surroyate recovery	y for this sample is outside or established control limits due to a sample matrix effect,

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

ecovery.

BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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CHAIN-OF-CUSTODY AND ANA LYSIS REQUEST

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

Company Name:	NTG Envilonment	1/	BILL TO		ANALYSIS REQUEST	
Project manager:	Ethan Derrams		P.O. #:	1 4		
Address: 20	9 W McKay St State: W/		Company: Deven Energy	3		
city: Carlst	State: MA	7 Zip: 88230	Attn: Was Makeus	3		
Phone #: 255	4-766-5456 Fax#:		Address: 6488 Fuen Rive	(600 B.		
Project #: 23	7481 Project Own	er DELION	city: Artisia	7 30		
Project Name:	Thistle Unit # 46		State: NM Zip: 88710	3 2 2		
	Lea 6, NM		Phone #:	5/1		
Sampler Name:	Kellon Smith		Fax #:			
FOR LAB USE ONLY	Tener July	MATRIX	PRESERV SAMPLING	x 800 g		
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP) # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	OTHER: ACID/BASE: ICE / COOL OTHER:	TPH &		
H234131		G)RA SROU SOIL SOIL	DATE TIME			
1	CS-67 (4')	CII ×	8/3/23	x * *		_
2	CS-68 (47	C 1 1	9.7.			
3	C5 - 69 (41)	< .	1			12.1
4	CS - 70 (41)	c				
5	cs - 71 (4')	C				
4	cs - 72 (21)	C				
7	SW- 26 (6-41)	C				
8	SU-27 (0-4)	C				
7	Su - 28 (0-41)					
10	54 - 29 (0-41)					

	28 (0-41) 6		
analyses. All claims including those for negligence and a service. In no event shall Cardinal be liable for incidental	my other cause whatsoever shall be deemed wa or consequental damages, including without lim	sing whether based in contract or tort, shall be limited to the amount p awed unless made in writing and received by Cardinal within 30 days at liation, business interruptions, loss of use, or loss of profits biocurred by landless of whether such claim is based by "a ray of the above stated	ifter completion of the applicable y client, its subsidiaries.
Relinquished Py:	Date: Rece 8-3-23 Time: 1431 Date: Rece	ived By: I Musera I Idaks	Verbal Result:
Relinquished By:	Date: Rece	ived By:	REMARKS:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C V,9 Corrected Temp. °C	Sample Condition Cool Intact (Initials) Yes Yes No No	Turnaround Time: Standard Rush Cool Intact Observed Temp. °C Thermometer ID #140 Correction Factor 0°C Thermometer ID #140 Correction Factor 0°C No No Corrected Temp. °C
Received	† Cardinal canno	t accept verbal changes. Please email c	hanges to celey.keene@cardinallabsnm.com

Page 27 of 28

CHAIN-OF-CUSTODY AND ANA LYSIS REQUEST

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

Company Name: NT6 Envilonmental		BILL TO	ANALYSIS REQUEST				
Project Manage	er: Ethan Devens	-1	P.O. #:				
Address: Z	09 W Mckay St		Company: Deven Eregy	1			
City: Carls	bad State: N	M zip: 88220	Attn: Wes Makews				
Phone #: 25	54-766-5456 Fax#:	• • • • • • • • • • • • • • • • • • • •	Address: 6488 Seven Rive				
	3748/ Project O	wner: DEUON	city: Artesia				
Project Name:	Thistle Unit # 40	4	State: NM Zip: 88710	821B 801511			
	n: Lea 6, NM		Phone #:	272			
Sampler Name:	Kellon Smith		Fax #:	200			
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING				
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL	OTHER: ACID/BASE: ICE / GOOL OTHER:	87EX TPH CALCIA			
//	SW-30	CIX	8/3/23	x x x			
12	SU-31	[C]]					
12	SW-32						
19	>u - 33 >u - 34						
14	54 -35						
17	54 -36	CIII					
18	SW -37	c					
19	5W - 38	C					
20	56 - 39	0					

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4707/T	Relinguished Py:	8-3-23 Time: W3/	Ped By:	Idoks	Verbal Result: All Results are emailed		Phone #: il address:
3	Relinquished By:	Date: Receiv	red By:		REMARKS:		
		Time:					
	Delivered By: (Circle One)	Observed Temp. °C 4,9	Sample Condition Cool Intact	CHECKED BY: (Initials)	Turnaround Time:	Standard Rush	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C
l	Sampler - UPS - Bus - Other:	Corrected Temp. °C	Yes Yes No No	00	Thermometer ID #140 Correction Factor 0°C	2 Day	☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C

Received by OCD: 5/31/2024

Page 28 of 28

CHAIN-OF-CUSTODY AND ANA LYSIS REQUEST

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

Company Name:	NT6 Envilonment	2/	BILL TO	ANALYSIS REQUEST
Project Manager:	Ethan JOSSAMS		P.O. #:	
Address: Zd	9 W nolcay 5+ bad state: W		Company: Deven Eregy Attn: Wes Mattews	
city: Carlst	bad State: W/	M zip: 88220	Attn: Was Mattews	
Phone #: 25	4-(66-)456 Fax #:		Address: 6488 Fire Rive	M 2 N 1 N 2 M
Project#: 23	748/ Project Ow	ner: DEVON	city: Artesia	1 8 8 6
Project Name:	Thistle Unit # 46		Attn: Was Matters Address: 6488 Siven River City: Actisia State: NM Zip: 88210 Phone #:	
Project Location:	Kellen Smith		Phone #:	
Sampler Name:	Kellon Smith		Fax #: PRESERV SAMPLING	
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING	X
Lab I.D. HZ34131	Sample I.D.	#CONTAINERS GROUNDWATER WASTEWATER SOIL	ACID/BASE: ICE / COOL OTHER: OTHER:	878
21	SW-40	CIX	8/3/23	X X X
#254131 21 23 23	SU - 41 CB-73	C I ×	8-3-23	× × × *

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Relinquished Py:	Date: 3-2:3 Reco	eived By:	Lec	Verbal Result: Yes No Add'l Phone #: All Results are emailed. Please provide Email address:
Relinquished By:	Date: Reco	eived By:		to end of COC. To. 8/3/23
Delivered By: (Circle One)	Observed Temp. °C 4	Cool Intact	CHECKED BY: (Initials)	Turnaround Time: Standard Rush Standard Cool Intact Observed Temp. °C
Sampler - UPS - Bus - Other:	Corrected Temp. °C	Yes Yes No No	7.0.	Correction Factor 0°C 2 Day No No Corrected Temp. °C

[†] Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallebsnm.com



August 14, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: THISTLE UNIT #46

Enclosed are the results of analyses for samples received by the laboratory on 08/04/23 13:14.

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

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

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

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

Method SM 9223-B Total Coliform and E. coli (Colilert MMO-MUG)

Method EPA 524.2 Regulated VOCs and Total Trihalomethanes (TTHM)

Method EPA 552.2 Total Haloacetic Acids (HAA-5)

Celey D. Keene

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

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C

MIDLAND TX, 79706

Project: THISTLE UNIT #46

Project Number: 237481

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 14-Aug-23 15:21

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CS - 30 (4')	H234165-01	Soil	04-Aug-23 00:00	04-Aug-23 13:14
CS - 74 (2')	H234165-02	Soil	04-Aug-23 00:00	04-Aug-23 13:14
CS - 75 (2')	H234165-03	Soil	04-Aug-23 00:00	04-Aug-23 13:14
CS - 76 (2')	H234165-04	Soil	04-Aug-23 00:00	04-Aug-23 13:14
CS - 77 (0.5')	H234165-05	Soil	04-Aug-23 00:00	04-Aug-23 13:14
CS - 78 (0.5')	H234165-06	Soil	04-Aug-23 00:00	04-Aug-23 13:14
CS - 79 (0.5')	H234165-07	Soil	04-Aug-23 00:00	04-Aug-23 13:14
CS - 80 (0.5')	H234165-08	Soil	04-Aug-23 00:00	04-Aug-23 13:14
SW - 43 (0.5-2')	H234165-09	Soil	04-Aug-23 00:00	04-Aug-23 13:14
SW - 44 (0-0.5')	H234165-10	Soil	04-Aug-23 00:00	04-Aug-23 13:14
SW - 45 (0-0.5')	H234165-11	Soil	04-Aug-23 11:50	04-Aug-23 13:14
SW - 46 (0-0.5')	H234165-12	Soil	04-Aug-23 11:52	04-Aug-23 13:14

08/14/23 - Client changed the sample IDs on some of the samples (see COC). This is the revised report and will replace the one sent on 08/08/23.

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE UNIT #46

Project Number: 237481

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 14-Aug-23 15:21

CS - 30 (4') H234165-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes	
			Cardina	l Laborat	ories						
Inorganic Compounds											
Chloride	176		16.0	mg/kg	4	3080720	AC	07-Aug-23	4500-Cl-B		
Volatile Organic Compound	s by EPA Method	8021									
Benzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B		
Toluene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B		
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B		
Total Xylenes*	< 0.150		0.150	mg/kg	50	3080502	MS	06-Aug-23	8021B		
Total BTEX	< 0.300		0.300	mg/kg	50	3080502	MS	06-Aug-23	8021B		
Surrogate: 4-Bromofluorobenzene (P.	ID)		96.7 %	71.5	-134	3080502	MS	06-Aug-23	8021B		
Petroleum Hydrocarbons by	GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B		
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B		
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B		
Surrogate: 1-Chlorooctane			91.5 %	48.2	-134	3080440	MS	05-Aug-23	8015B		
Surrogate: 1-Chlorooctadecane			99.0 %	49.1	-148	3080440	MS	05-Aug-23	8015B		

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE UNIT #46

Project Number: 237481

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 14-Aug-23 15:21

CS - 74 (2') H234165-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	tories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	3080720	AC	07-Aug-23	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		97.2 %	71.5	-134	3080502	MS	06-Aug-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
Surrogate: 1-Chlorooctane			90.5 %	48.2	-134	3080440	MS	05-Aug-23	8015B	
Surrogate: 1-Chlorooctadecane			97.3 %	49.1	-148	3080440	MS	05-Aug-23	8015B	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE UNIT #46

Project Number: 237481

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 14-Aug-23 15:21

CS - 75 (2') H234165-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	3080720	AC	07-Aug-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	D)		96.2 %	71.5	-134	3080502	MS	06-Aug-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
Surrogate: 1-Chlorooctane			99.3 %	48.2	-134	3080440	MS	05-Aug-23	8015B	
Surrogate: 1-Chlorooctadecane			106 %	49.1	-148	3080440	MS	05-Aug-23	8015B	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE UNIT #46

Project Number: 237481

23/401

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 14-Aug-23 15:21

CS - 76 (2') H234165-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	3080720	AC	07-Aug-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Surrogate: 4-Bromofluorobenzene (PL	D)		97.7 %	71.5	-134	3080502	MS	06-Aug-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
Surrogate: 1-Chlorooctane			101 %	48.2	-134	3080440	MS	05-Aug-23	8015B	
Surrogate: 1-Chlorooctadecane			108 %	49.1	-148	3080440	MS	05-Aug-23	8015B	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE UNIT #46

Project Number: 237481

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 14-Aug-23 15:21

CS - 77 (0.5') H234165-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	3080720	AC	07-Aug-23	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			94.9 %	71.5	-134	3080502	MS	06-Aug-23	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
Surrogate: 1-Chlorooctane			116 %	48.2	-134	3080440	MS	05-Aug-23	8015B	
Surrogate: 1-Chlorooctadecane			126 %	49.1	-148	3080440	MS	05-Aug-23	8015B	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE UNIT #46

Project Number: 237481

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 14-Aug-23 15:21

CS - 78 (0.5') H234165-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	16.0		16.0	mg/kg	4	3080720	AC	07-Aug-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Surrogate: 4-Bromofluorobenzene (PI.	D)		96.6 %	71.5	-134	3080502	MS	06-Aug-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
DRO >C10-C28*	11.7		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
Surrogate: 1-Chlorooctane			106 %	48.2	-134	3080440	MS	05-Aug-23	8015B	
Surrogate: 1-Chlorooctadecane			116 %	49.1	-148	3080440	MS	05-Aug-23	8015B	

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Celeg D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE UNIT #46

Project Number: 237481

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 14-Aug-23 15:21

CS - 79 (0.5') H234165-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	3080720	AC	07-Aug-23	4500-Cl-B	
Volatile Organic Compounds by	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			96.8 %	71.5	-134	3080502	MS	06-Aug-23	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
Surrogate: 1-Chlorooctane			99.6 %	48.2	-134	3080440	MS	05-Aug-23	8015B	
Surrogate: 1-Chlorooctadecane			108 %	49.1	-148	3080440	MS	05-Aug-23	8015B	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE UNIT #46

Project Number: 237481

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 14-Aug-23 15:21

CS - 80 (0.5') H234165-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	16.0		16.0	mg/kg	4	3080720	AC	07-Aug-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		98.0 %	71.5	-134	3080502	MS	06-Aug-23	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
DRO >C10-C28*	54.9		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
EXT DRO >C28-C36	17.6		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
Surrogate: 1-Chlorooctane			105 %	48.2	-134	3080440	MS	05-Aug-23	8015B	
Surrogate: 1-Chlorooctadecane			116 %	49.1	-148	3080440	MS	05-Aug-23	8015B	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE UNIT #46

Project Number: 237481

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 14-Aug-23 15:21

SW - 43 (0.5-2') H234165-09 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	3080720	AC	07-Aug-23	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		94.7 %	71.5	-134	3080502	MS	06-Aug-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
Surrogate: 1-Chlorooctane			93.8 %	48.2	-134	3080440	MS	05-Aug-23	8015B	
Surrogate: 1-Chlorooctadecane			102 %	49.1	-148	3080440	MS	05-Aug-23	8015B	

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Celey D. Keene



Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE UNIT #46

Project Number: 237481

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 14-Aug-23 15:21

SW - 44 (0-0.5') H234165-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	3080720	AC	07-Aug-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Surrogate: 4-Bromofluorobenzene (PIL	D)		95.7 %	71.5	-134	3080502	MS	06-Aug-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
Surrogate: 1-Chlorooctane			105 %	48.2	-134	3080440	MS	05-Aug-23	8015B	
Surrogate: 1-Chlorooctadecane			113 %	49.1	-148	3080440	MS	05-Aug-23	8015B	

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Celeg D. Keine



Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE UNIT #46

Project Number: 237481

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 14-Aug-23 15:21

SW - 45 (0-0.5') H234165-11 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	3080720	AC	07-Aug-23	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			95.7 %	71.5	-134	3080502	MS	06-Aug-23	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
Surrogate: 1-Chlorooctane			99.8 %	48.2	-134	3080440	MS	05-Aug-23	8015B	
Surrogate: 1-Chlorooctadecane			109 %	49.1	-148	3080440	MS	05-Aug-23	8015B	

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE UNIT #46

Project Number: 237481

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 14-Aug-23 15:21

SW - 46 (0-0.5') H234165-12 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	tories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	3080720	AC	07-Aug-23	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	D)		97.0 %	71.5	-134	3080502	MS	06-Aug-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
Surrogate: 1-Chlorooctane			100 %	48.2	-134	3080440	MS	05-Aug-23	8015B	
Surrogate: 1-Chlorooctadecane			109 %	49.1	-148	3080440	MS	05-Aug-23	8015B	

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Celey D. Keine



Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE UNIT #46

Project Number: 237481

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 14-Aug-23 15:21

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
	resurt	- Emili	Cints	Ecver	resure	70ICEC	Limits	Tu D	Limit	110103
Batch 3080720 - 1:4 DI Water										
Blank (3080720-BLK1)				Prepared &	Analyzed:	07-Aug-23				
Chloride	ND	16.0	mg/kg							
LCS (3080720-BS1)				Prepared &	Analyzed:	07-Aug-23				
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (3080720-BSD1)				Prepared &	Analyzed:	07-Aug-23				
Chloride	432	16.0	mg/kg	400		108	80-120	3.77	20	

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Celey D. Keene



%REC

Analytical Results For:

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

Project: THISTLE UNIT #46

Project Number: 237481

Spike

Source

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 14-Aug-23 15:21

RPD

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Reporting

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes	
Batch 3080502 - Volatiles											
Blank (3080502-BLK1)	Prepared: 05-Aug-23 Analyzed: 06-Aug-23										
Benzene	ND	0.050	mg/kg								
Toluene	ND	0.050	mg/kg								
Ethylbenzene	ND	0.050	mg/kg								
Total Xylenes	ND	0.150	mg/kg								
Total BTEX	ND	0.300	mg/kg								
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		95.6	71.5-134				
LCS (3080502-BS1)	Prepared: 05-Aug-23 Analyzed: 06-Aug-23										
Benzene	2.18	0.050	mg/kg	2.00		109	82.8-130				
Toluene	2.12	0.050	mg/kg	2.00		106	86-128				
Ethylbenzene	2.06	0.050	mg/kg	2.00		103	85.9-128				
m,p-Xylene	4.18	0.100	mg/kg	4.00		104	89-129				
o-Xylene	2.02	0.050	mg/kg	2.00		101	86.1-125				
Total Xylenes	6.19	0.150	mg/kg	6.00		103	88.2-128				
Surrogate: 4-Bromofluorobenzene (PID)	0.0467		mg/kg	0.0500		93.5	71.5-134				
LCS Dup (3080502-BSD1)	Prepared: 05-Aug-23 Analyzed: 06-Aug-23										
Benzene	2.20	0.050	mg/kg	2.00		110	82.8-130	0.577	15.8		
Toluene	2.14	0.050	mg/kg	2.00		107	86-128	0.949	15.9		
Ethylbenzene	2.06	0.050	mg/kg	2.00		103	85.9-128	0.121	16		
m,p-Xylene	4.16	0.100	mg/kg	4.00		104	89-129	0.424	16.2		
o-Xylene	2.03	0.050	mg/kg	2.00		101	86.1-125	0.686	16.7		
Total Xylenes	6.19	0.150	mg/kg	6.00		103	88.2-128	0.0618	16.3		
Surrogate: 4-Bromofluorobenzene (PID)	0.0460		mg/kg	0.0500		92.0	71.5-134				

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Celey D. Keine



%REC

Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE UNIT #46

Spike

Source

Project Number: 237481

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 14-Aug-23 15:21

RPD

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Reporting

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes	
Batch 3080440 - General Prep - Organics											
Blank (3080440-BLK1)	Prepared: 04-Aug-23 Analyzed: 05-Aug-23										
GRO C6-C10	ND	10.0	mg/kg								
DRO >C10-C28	ND	10.0	mg/kg								
EXT DRO >C28-C36	ND	10.0	mg/kg								
Surrogate: 1-Chlorooctane	42.6		mg/kg	50.0		85.2	48.2-134				
Surrogate: 1-Chlorooctadecane	46.5		mg/kg	50.0		93.1	49.1-148				
LCS (3080440-BS1)	Prepared: 04-Aug-23 Analyzed: 05-Aug-23										
GRO C6-C10	165	10.0	mg/kg	200		82.3	66.4-123				
DRO >C10-C28	167	10.0	mg/kg	200		83.6	66.5-118				
Total TPH C6-C28	332	10.0	mg/kg	400		83.0	77.6-123				
Surrogate: 1-Chlorooctane	45.6		mg/kg	50.0		91.2	48.2-134				
Surrogate: 1-Chlorooctadecane	52.7		mg/kg	50.0		105	49.1-148				
LCS Dup (3080440-BSD1)	Prepared: 04-Aug-23 Analyzed: 05-Aug-23										
GRO C6-C10	170	10.0	mg/kg	200		85.2	66.4-123	3.39	17.7		
DRO >C10-C28	166	10.0	mg/kg	200		83.1	66.5-118	0.522	21		
Total TPH C6-C28	337	10.0	mg/kg	400		84.2	77.6-123	1.44	18.5		
Surrogate: 1-Chlorooctane	46.7		mg/kg	50.0		93.4	48.2-134				
Surrogate: 1-Chlorooctadecane	51.2		mg/kg	50.0		102	49.1-148				

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

Page 18 of 20

Chain of Custody



Work Order No: <u>H234465</u>

P	age	1	_ of _	2	Jane 1
Work Order Comn	nents				ľ۳

roject Manager:	Ethan Sessums				Bill to: (if different) Wesley Mathews						Program: UST/PST PRP Brownfields RRC uperfund													
ompany Name:	NTG Environme	ental			Company Name: Devon Energy									RP L	Brown	ntields LKK	uperiuna [
ddress:	209 W McKay S	St			Address:			6488	Seven	Rivers	Highway					Project:		int III	Прет	иет Първ	Level IV			
ity, State ZIP:	Carlsbad, NM 8	Catalog Co.			City, State	e ZIP:		Artesi	a, NM	88210										PT Other:				
hone:	254-266-5456			Email:	Wesley.	Mathews	@dvn.c	om							elivera	oles: ED	00 🔲		ADar					
roject Name:	This	stle Unit 46		Tur	n Around							ANA	LYSIS	REQU	EST	-	_				vative Codes			
roject Number:		237481		Routine	Rush	1	Pres. Code					-	-	-	+	+	+	-		None: NO	DI Water: H ₂ C MeOH: Me			
roject Location	Le	a Co, NM		Due Date:	48	hr			6											Cool: Cool HCL: HC	HNO ₃ : HN			
ampler's Name:		llan Smith				the day received by the eceived by 4:30pm				MRO)											H ₂ S0 ₄ : H ₂	NaOH: Na		
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eceived Intact:			Correction					Pa	BTEX 8021B	TPH 8015M (GRO + DRO +	Chloride									Ĭ	Na ₂ S ₂ O ₃ . Na			
Sample Custody Se		_		ture Reading:		ure Reading:	ure Reading:	10	4c		, E	15M	5										Zn Acetate+N	bic Acid: SAPC
otal Containers:	17	1	Corrected	Temperature	-	-			8 H															
Sample Ide	entification	Date	Time	Soil	Water	Grab/ Comp	# of Cont		4											Sampl	e Comments			
1020	(4').	4-4-23		×		Long	1	×	4	4							_							
15-30	(21)	1		1		1	-	1	1	1			_		_	-	-	+	-					
15.75	121							Ш	11			-	+	\vdash	-	+	+	+	+					
15-76	(2')							$^{+}$	+	1		+	+-	\vdash	-	-	+	+	+					
15-77	(0.53				-	11	1	+	+	1	1	+	+		\rightarrow	_	+	+	+					
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cs - 79	(0.5)	-	+	++-	+	-	+	H	++	-		+												
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20-70	(0-0.3)																-							
Addi	itional Comment	s:		* Cu	ston	cer .	rec	w	ste	el	TD	CI	las	se!	7	0.	8/1	1/5	-3					
t a blooder of	his document and relin	ouishment of sa				ans allegé e	ampany to	Yanco	its affili	iates and	subcontrac	ctors. It	assigns s	standard	terms an	d condition	ns							
Notice: Signature of the of service. Xenco will	his document and relin I be liable only for the on In charge of \$85.00 will l	ost of samples a	ind shall not a	assume any resp	onsibility for	any losses	or expens	es incu	ot analy	the clien zed. The	if such loss se terms wil	ses are d	due to circ	cumstand ess previo	es beyon	otiated.	itroi							
of Xenco. A minimum	n charge of \$85.00 will i	e applied to each	n project and	a charge of to te		/			/Time					Signatu		_	eceived	d by: (Signa	ture)	Date/Time			
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Chain of Custody



Work Order No: H234/LeS	of 20
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Page 2 of 2

Released to Imaging: 6/26/2024 2:47:16 PM

Desirat Managar	Ethan Sessum	e			Bill to: (if	different)		Wesle	y Math	news				Work Order Comments													
Project Manager: Company Name:	NTG Environm				Company			Devor	Energ	зу					Program: UST/PST PRP Brownfields RRC uperfund												
Address:	209 W McKay				Address:			6488	Seven	Rivers	Highwa	ay		State of Project:							пп						
City, State ZIP:	Carlsbad, NM				City, State ZIP: Artesia, NM 88210								Reporting:Level II Level III PST/UST RRP Level IV														
Phone:	254-266-5456	00220		Email:	Email: Wesley.Mathews@dvn.com							Delivera	bles: E	DD 🗌		ADaP	T Other:										
				-								AN	ALYSIS I	REQ	UEST	ST				Preservative Codes							
Project Name:	Thi	istle Unit 46		Routine	Around		Pres.				\neg					\neg	\top			None: NO	DI Water: H ₂ O						
Project Number:	257401					1						+	_	MeOH: Me													
Project Location	_	ea Co, NM		Due Date:					6											HCL: HC	HNO ₃ : HN						
Sampler's Name:		ellan Smith			he day received by the eceived by 4:30pm										MRO)									1		H ₂ S0 ₄ : H ₂	NaOH: Na
PO #:		21177730					ters		DRO +	。										H ₃ PO ₄ : HP							
SAMPLE RECE		np Blank:		Wet Ice:		No	Paramete	021B	+	4500									9	NaHSO ₄ NABIS							
Received Intact:	_	S No	Thermom		1	to_	Para	BTEX 8021B	3RO	Chloride									모	NaHSO ₄ NABIS Na ₂ S ₂ O ₃ NaSO ₃							
Cooler Custody Sea		No N/A	Correctio		1	4:		BTE	×	Chic									Zn Acetate+NaOH: Zn								
Sample Custody Se		No NA		ture Reading: d Temperature:	11	70		1	8015M (GRO											NaOH+Ascorbic Acid: SAPC Sample Comments							
Total Containers:	12		Corrected	Temperature.		Grab/	# of	-	TPH 8																		
Sample Ide	entification	Date	Time	Soil	Water	Comp	Cont		-											Sample	omments						
CIII-17	5/0-4.5	4-4-23	11:50	×		Comp	1	×	×	×																	
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Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	/ Received by: (Signature) /	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Mi	Mujera Medalsak	8423 1314	2		
100	Jumin's Carry		4		
			6		Revised Date 05012020 Rev. 200



October 04, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: THISTLE UNIT #46

Enclosed are the results of analyses for samples received by the laboratory on 09/28/23 15:00.

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

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

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

Celey D. Keine

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

09/28/2023

Sampling Type:

09/28/2023

Reported: Project Name:

Received:

10/04/2023

Sampling Type:

Sampling Date:

Soil

Dueinet Numbe

THISTLE UNIT #46

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

Project Number:

237481

Project Location: DEVON - LEA CO., NM

Sample ID: V - 1 (0-6") (H235319-01)

BTEX 8021B	mg	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	2.58	0.200	10/02/2023	ND	2.07	103	2.00	6.42	
Toluene*	17.8	0.200	10/02/2023	ND	2.17	109	2.00	6.80	QM-07
Ethylbenzene*	5.63	0.200	10/02/2023	ND	2.17	108	2.00	8.26	QM-07
Total Xylenes*	37.1	0.600	10/02/2023	ND	5.93	98.9	6.00	8.99	QM-07
Total BTEX	63.1	1.20	10/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	276	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	10/02/2023	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	999	10.0	09/29/2023	ND	189	94.7	200	1.85	
DRO >C10-C28*	6480	10.0	09/29/2023	ND	217	109	200	2.69	
EXT DRO >C28-C36	1510	10.0	09/29/2023	ND					
Surrogate: 1-Chlorooctane	139	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	194	% 49.1-14	8						

A ... - L ... - - - I D. .. MC

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Analytical Results For:

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

Received: 09/28/2023 Sampling Date: 09/28/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Project Number: 237481 Sample Received By: Dionica Hinojos

Project Location: DEVON - LEA CO., NM

Sample ID: V - 1 (1-1.5') (H235319-02)

BTEX 8021B	mg	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	4.33	1.00	10/02/2023	ND	2.07	103	2.00	6.42	
Toluene*	53.0	1.00	10/02/2023	ND	2.17	109	2.00	6.80	
Ethylbenzene*	18.7	1.00	10/02/2023	ND	2.17	108	2.00	8.26	
Total Xylenes*	80.8	3.00	10/02/2023	ND	5.93	98.9	6.00	8.99	
Total BTEX	157	6.00	10/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	136	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	10/02/2023	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1640	10.0	09/29/2023	ND	189	94.7	200	1.85	
DRO >C10-C28*	3760	10.0	09/29/2023	ND	217	109	200	2.69	
EXT DRO >C28-C36	764	10.0	09/29/2023	ND					
Surrogate: 1-Chlorooctane	154	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	161	% 49.1-14	8						

Surrogate: 1-Chlorooctadecane 161 %

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09/28/2023

Soil

Analytical Results For:

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

Received: 09/28/2023 Sampling Date:
Reported: 10/04/2023 Sampling Type:

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Dionica Hinojos

Project Location: DEVON - LEA CO., NM

Sample ID: V - 1 (2-2.5') (H235319-03)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	1.65	1.00	10/02/2023	ND	2.07	103	2.00	6.42	
Toluene*	21.9	1.00	10/02/2023	ND	2.17	109	2.00	6.80	
Ethylbenzene*	9.06	1.00	10/02/2023	ND	2.17	108	2.00	8.26	
Total Xylenes*	41.0	3.00	10/02/2023	ND	5.93	98.9	6.00	8.99	
Total BTEX	73.6	6.00	10/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	10/02/2023	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	ed By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	658	10.0	09/29/2023	ND	189	94.7	200	1.85	
DRO >C10-C28*	1720	10.0	09/29/2023	ND	217	109	200	2.69	
EXT DRO >C28-C36	347	10.0	09/29/2023	ND					
Surrogate: 1-Chlorooctane	127	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	166	% 49.1-14	8						

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Sample Received By:

09/28/2023

Dionica Hinojos

Soil

Analytical Results For:

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

Fax To:

Received: 09/28/2023 Sampling Date:

Reported: 10/04/2023 Sampling Type:

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact

Project Number: 237481

Project Location: DEVON - LEA CO., NM

Sample ID: V - 1 (3-3.5') (H235319-04)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	4.34	1.00	10/02/2023	ND	2.07	103	2.00	6.42	
Toluene*	39.3	1.00	10/02/2023	ND	2.17	109	2.00	6.80	
Ethylbenzene*	15.5	1.00	10/02/2023	ND	2.17	108	2.00	8.26	
Total Xylenes*	73.6	3.00	10/02/2023	ND	5.93	98.9	6.00	8.99	
Total BTEX	133	6.00	10/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	127	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	10/02/2023	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	ed By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1330	10.0	09/29/2023	ND	185	92.4	200	0.410	QM-07, QR-03
DRO >C10-C28*	2930	10.0	09/29/2023	ND	189	94.7	200	2.17	QM-07, QR-03
EXT DRO >C28-C36	456	10.0	09/29/2023	ND					
Surrogate: 1-Chlorooctane	190	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	197	% 49.1-14	18						

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Celey D. Keene



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: 09/28/2023 Sampling Date: 09/28/2023 Reported: 10/04/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237481 Dionica Hinojos

Project Location: DEVON - LEA CO., NM

Sample ID: V - 1 (4-4.5') (H235319-05)

BTEX 8021B	mg	/kg	Analyze	d By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.877	0.500	10/02/2023	ND	2.07	103	2.00	6.42	
Toluene*	12.4	0.500	10/02/2023	ND	2.17	109	2.00	6.80	
Ethylbenzene*	7.64	0.500	10/02/2023	ND	2.17	108	2.00	8.26	
Total Xylenes*	41.2	1.50	10/02/2023	ND	5.93	98.9	6.00	8.99	
Total BTEX	62.1	3.00	10/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	140	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/02/2023	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1250	10.0	09/29/2023	ND	185	92.4	200	0.410	
DRO >C10-C28*	3240	10.0	09/29/2023	ND	189	94.7	200	2.17	
EXT DRO >C28-C36	521	10.0	09/29/2023	ND					
Surrogate: 1-Chlorooctane	199	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	227	% 49.1-14	8						

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Analytical Results For:

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

Received: 09/28/2023 Sampling Date: 09/28/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Dionica Hinojos

Project Location: DEVON - LEA CO., NM

Sample ID: V - 2 (0-6") (H235319-06)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/02/2023	ND	2.07	103	2.00	6.42	
Toluene*	0.064	0.050	10/02/2023	ND	2.17	109	2.00	6.80	
Ethylbenzene*	<0.050	0.050	10/02/2023	ND	2.17	108	2.00	8.26	
Total Xylenes*	<0.150	0.150	10/02/2023	ND	5.93	98.9	6.00	8.99	
Total BTEX	<0.300	0.300	10/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	10/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2023	ND	185	92.4	200	0.410	
DRO >C10-C28*	77.6	10.0	09/29/2023	ND	189	94.7	200	2.17	
EXT DRO >C28-C36	11.3	10.0	09/29/2023	ND					
Surrogate: 1-Chlorooctane	83.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.7	% 49.1-14	8						

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Dionica Hinojos

Analytical Results For:

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

Received: 09/28/2023 Sampling Date: 09/28/2023

Reported: 10/04/2023 Sampling Type: Soil
Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact

Project Name: THISTLE UNIT #46 Sampling Condition:
Project Number: 237481 Sample Received By:

Project Location: DEVON - LEA CO., NM

Sample ID: V - 2 (1-1.5') (H235319-07)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/01/2023	ND	2.07	103	2.00	6.42	
Toluene*	<0.050	0.050	10/01/2023	ND	2.17	109	2.00	6.80	
Ethylbenzene*	<0.050	0.050	10/01/2023	ND	2.17	108	2.00	8.26	
Total Xylenes*	<0.150	0.150	10/01/2023	ND	5.93	98.9	6.00	8.99	
Total BTEX	<0.300	0.300	10/01/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2023	ND	185	92.4	200	0.410	
DRO >C10-C28*	<10.0	10.0	09/29/2023	ND	189	94.7	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	09/29/2023	ND					
Surrogate: 1-Chlorooctane	81.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.0	% 49.1-14	8						

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Dionica Hinojos

Analytical Results For:

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

Fax To:

Received: 09/28/2023 Sampling Date: 09/28/2023

Reported: 10/04/2023 Sampling Type: Soil Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact

Project Number: 237481 Sample Received By:

Project Location: DEVON - LEA CO., NM

Sample ID: V - 2 (2-2.5') (H235319-08)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/01/2023	ND	2.07	103	2.00	6.42	
Toluene*	<0.050	0.050	10/01/2023	ND	2.17	109	2.00	6.80	
Ethylbenzene*	<0.050	0.050	10/01/2023	ND	2.17	108	2.00	8.26	
Total Xylenes*	<0.150	0.150	10/01/2023	ND	5.93	98.9	6.00	8.99	
Total BTEX	<0.300	0.300	10/01/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 %	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2023	ND	185	92.4	200	0.410	
DRO >C10-C28*	25.3	10.0	09/29/2023	ND	189	94.7	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	09/29/2023	ND					
Surrogate: 1-Chlorooctane	77.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.9	% 49.1-14	8						

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Analytical Results For:

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

Received: 09/28/2023

Reported: 10/04/2023 Project Name: THISTLE UNIT #46

Project Number: 237481

Project Location: DEVON - LEA CO., NM

Sampling Date: 09/28/2023

Sampling Type: Soil

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

Sample ID: V - 2 (3-3.5') (H235319-09)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/01/2023	ND	2.07	103	2.00	6.42	
Toluene*	<0.050	0.050	10/01/2023	ND	2.17	109	2.00	6.80	
Ethylbenzene*	<0.050	0.050	10/01/2023	ND	2.17	108	2.00	8.26	
Total Xylenes*	<0.150	0.150	10/01/2023	ND	5.93	98.9	6.00	8.99	
Total BTEX	<0.300	0.300	10/01/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	10/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2023	ND	185	92.4	200	0.410	
DRO >C10-C28*	<10.0	10.0	09/29/2023	ND	189	94.7	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	09/29/2023	ND					
Surrogate: 1-Chlorooctane	99.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

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Analytical Results For:

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

Received: 09/28/2023 Sampling Date: 09/28/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Dionica Hinojos

Analyzed By: MS

Project Location: DEVON - LEA CO., NM

Sample ID: V - 2 (4-4.5') (H235319-10)

BTEX 8021B

DILX GOZID	ıııg,	ng .	Alldiyzo	u by. 1-15					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/01/2023	ND	2.07	103	2.00	6.42	
Toluene*	<0.050	0.050	10/01/2023	ND	2.17	109	2.00	6.80	
Ethylbenzene*	<0.050	0.050	10/01/2023	ND	2.17	108	2.00	8.26	
Total Xylenes*	<0.150	0.150	10/01/2023	ND	5.93	98.9	6.00	8.99	
Total BTEX	<0.300	0.300	10/01/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	10/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2023	ND	185	92.4	200	0.410	
DRO >C10-C28*	<10.0	10.0	09/29/2023	ND	189	94.7	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	09/29/2023	ND					
Surrogate: 1-Chlorooctane	93.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.5	% 49.1-14	8						

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Analytical Results For:

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

Received: 09/28/2023 Sampling Date: 09/28/2023 Reported: 10/04/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Project Number: 237481 Sample Received By: Dionica Hinojos

Project Location: DEVON - LEA CO., NM

Sample ID: V - 3 (0-6") (H235319-11)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/01/2023	ND	2.07	103	2.00	6.42	
Toluene*	<0.050	0.050	10/01/2023	ND	2.17	109	2.00	6.80	
Ethylbenzene*	<0.050	0.050	10/01/2023	ND	2.17	108	2.00	8.26	
Total Xylenes*	<0.150	0.150	10/01/2023	ND	5.93	98.9	6.00	8.99	
Total BTEX	<0.300	0.300	10/01/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	121	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	10/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2023	ND	185	92.4	200	0.410	
DRO >C10-C28*	1290	10.0	09/29/2023	ND	189	94.7	200	2.17	
EXT DRO >C28-C36	326	10.0	09/29/2023	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	125	% 49.1-14	8						

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Analytical Results For:

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

Received: 09/28/2023 Sampling Date: 09/28/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Project Number: 237481 Sample Received By: Dionica Hinojos

Project Location: DEVON - LEA CO., NM

Sample ID: V - 3 (1-1.5') (H235319-12)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/01/2023	ND	2.07	103	2.00	6.42	
Toluene*	<0.050	0.050	10/01/2023	ND	2.17	109	2.00	6.80	
Ethylbenzene*	<0.050	0.050	10/01/2023	ND	2.17	108	2.00	8.26	
Total Xylenes*	<0.150	0.150	10/01/2023	ND	5.93	98.9	6.00	8.99	
Total BTEX	<0.300	0.300	10/01/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	121	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	688	16.0	10/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2023	ND	185	92.4	200	0.410	
DRO >C10-C28*	920	10.0	09/29/2023	ND	189	94.7	200	2.17	
EXT DRO >C28-C36	241	10.0	09/29/2023	ND					
Surrogate: 1-Chlorooctane	92.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	121	% 49.1-14	8						

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Dionica Hinojos

Sample Received By:

Analytical Results For:

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

Received: 09/28/2023 Sampling Date: 09/28/2023

Reported: 10/04/2023 Sampling Type: Soil Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact

Project Number: 237481

Project Location: DEVON - LEA CO., NM

Sample ID: V - 3 (2-2.5') (H235319-13)

BTEX 8021B	mg,	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/29/2023	ND	1.87	93.4	2.00	3.32	
Toluene*	<0.050	0.050	09/29/2023	ND	1.88	94.1	2.00	2.75	
Ethylbenzene*	<0.050	0.050	09/29/2023	ND	1.96	98.0	2.00	2.77	
Total Xylenes*	<0.150	0.150	09/29/2023	ND	5.84	97.3	6.00	2.85	
Total BTEX	<0.300	0.300	09/29/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2800	16.0	10/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2023	ND	185	92.4	200	0.410	
DRO >C10-C28*	42.9	10.0	09/29/2023	ND	189	94.7	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	09/29/2023	ND					
Surrogate: 1-Chlorooctane	90.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.8	% 49.1-14	8						

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Analytical Results For:

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

Received: 09/28/2023 Sampling Date: 09/28/2023 Reported: 10/04/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Project Number: 237481 Sample Received By: Dionica Hinojos

Project Location: DEVON - LEA CO., NM

Sample ID: V - 3 (3-3.5') (H235319-14)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/29/2023	ND	1.87	93.4	2.00	3.32	
Toluene*	<0.050	0.050	09/29/2023	ND	1.88	94.1	2.00	2.75	
Ethylbenzene*	<0.050	0.050	09/29/2023	ND	1.96	98.0	2.00	2.77	
Total Xylenes*	<0.150	0.150	09/29/2023	ND	5.84	97.3	6.00	2.85	
Total BTEX	<0.300	0.300	09/29/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	672	16.0	10/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2023	ND	185	92.4	200	0.410	
DRO >C10-C28*	13.3	10.0	09/29/2023	ND	189	94.7	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	09/29/2023	ND					
Surrogate: 1-Chlorooctane	93.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103 9	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 09/28/2023 Sampling Date: 09/28/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Project Number: Sample Received By: 237481 Dionica Hinojos

Project Location: DEVON - LEA CO., NM

Sample ID: V - 3 (4-4.5') (H235319-15)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2023	ND	1.87	93.4	2.00	3.32	
Toluene*	<0.050	0.050	09/30/2023	ND	1.88	94.1	2.00	2.75	
Ethylbenzene*	<0.050	0.050	09/30/2023	ND	1.96	98.0	2.00	2.77	
Total Xylenes*	<0.150	0.150	09/30/2023	ND	5.84	97.3	6.00	2.85	
Total BTEX	<0.300	0.300	09/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3320	16.0	10/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2023	ND	185	92.4	200	0.410	
DRO >C10-C28*	<10.0	10.0	09/29/2023	ND	189	94.7	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	09/29/2023	ND					
Surrogate: 1-Chlorooctane	88.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.4	% 49.1-14	8						

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Analytical Results For:

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

 Received:
 09/28/2023
 Sampling Date:
 09/28/2023

 Reported:
 10/04/2023
 Sampling Type:
 Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Dionica Hinojos

Project Location: DEVON - LEA CO., NM

Sample ID: V - 4 (0-6") (H235319-16)

BTEX 8021B	mg,	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2023	ND	1.87	93.4	2.00	3.32	
Toluene*	<0.050	0.050	09/30/2023	ND	1.88	94.1	2.00	2.75	
Ethylbenzene*	<0.050	0.050	09/30/2023	ND	1.96	98.0	2.00	2.77	
Total Xylenes*	<0.150	0.150	09/30/2023	ND	5.84	97.3	6.00	2.85	
Total BTEX	<0.300	0.300	09/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	10/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2023	ND	185	92.4	200	0.410	
DRO >C10-C28*	18.8	10.0	09/29/2023	ND	189	94.7	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	09/29/2023	ND					
Surrogate: 1-Chlorooctane	88.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.3	% 49.1-14	8						

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Analytical Results For:

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

Received: 09/28/2023 Sampling Date: 09/28/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Dionica Hinojos

Project Location: DEVON - LEA CO., NM

Sample ID: V - 4 (1-1.5') (H235319-17)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	ea By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2023	ND	1.87	93.4	2.00	3.32	
Toluene*	<0.050	0.050	09/30/2023	ND	1.88	94.1	2.00	2.75	
Ethylbenzene*	<0.050	0.050	09/30/2023	ND	1.96	98.0	2.00	2.77	
Total Xylenes*	<0.150	0.150	09/30/2023	ND	5.84	97.3	6.00	2.85	
Total BTEX	<0.300	0.300	09/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1230	16.0	10/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2023	ND	185	92.4	200	0.410	
DRO >C10-C28*	<10.0	10.0	09/29/2023	ND	189	94.7	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	09/29/2023	ND					
Surrogate: 1-Chlorooctane	89.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.3	% 49.1-14	8						

Analyzed By: 1H /

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Analytical Results For:

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

Received: 09/28/2023 Sampling Date: 09/28/2023 Reported: 10/04/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Project Number: 237481 Sample Received By: Dionica Hinojos

Project Location: DEVON - LEA CO., NM

Sample ID: V - 4 (2-2.5') (H235319-18)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2023	ND	1.87	93.4	2.00	3.32	
Toluene*	<0.050	0.050	09/30/2023	ND	1.88	94.1	2.00	2.75	
Ethylbenzene*	<0.050	0.050	09/30/2023	ND	1.96	98.0	2.00	2.77	
Total Xylenes*	<0.150	0.150	09/30/2023	ND	5.84	97.3	6.00	2.85	
Total BTEX	<0.300	0.300	09/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 %	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1840	16.0	10/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2023	ND	185	92.4	200	0.410	
DRO >C10-C28*	<10.0	10.0	09/29/2023	ND	189	94.7	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	09/29/2023	ND					
Surrogate: 1-Chlorooctane	86.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.7	% 49.1-14	8						

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Analytical Results For:

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

Received: 09/28/2023 Sampling Date: 09/28/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Dionica Hinojos

Analyzed By: 1H /

Project Location: DEVON - LEA CO., NM

Sample ID: V - 4 (3-3.5') (H235319-19)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2023	ND	1.87	93.4	2.00	3.32	
Toluene*	<0.050	0.050	09/30/2023	ND	1.88	94.1	2.00	2.75	
Ethylbenzene*	<0.050	0.050	09/30/2023	ND	1.96	98.0	2.00	2.77	
Total Xylenes*	<0.150	0.150	09/30/2023	ND	5.84	97.3	6.00	2.85	
Total BTEX	<0.300	0.300	09/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1060	16.0	10/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2023	ND	185	92.4	200	0.410	
DRO >C10-C28*	<10.0	10.0	09/29/2023	ND	189	94.7	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	09/29/2023	ND					
Surrogate: 1-Chlorooctane	89.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.6	% 49.1-14	8						

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Analytical Results For:

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

Received: 09/28/2023 Sampling Date: 09/28/2023 Reported: 10/04/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Project Number: 237481 Sample Received By: Dionica Hinojos

Project Location: DEVON - LEA CO., NM

Sample ID: V - 4 (4-4.5') (H235319-20)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2023	ND	1.87	93.4	2.00	3.32	
Toluene*	<0.050	0.050	09/30/2023	ND	1.88	94.1	2.00	2.75	
Ethylbenzene*	<0.050	0.050	09/30/2023	ND	1.96	98.0	2.00	2.77	
Total Xylenes*	<0.150	0.150	09/30/2023	ND	5.84	97.3	6.00	2.85	
Total BTEX	<0.300	0.300	09/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1550	16.0	10/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2023	ND	185	92.4	200	0.410	
DRO >C10-C28*	<10.0	10.0	09/29/2023	ND	189	94.7	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	09/29/2023	ND					
Surrogate: 1-Chlorooctane	86.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.5	% 49.1-14	8						

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S-04



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: 09/28/2023 Sampling Date: 09/28/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Dionica Hinojos

Analyzed By: 1H /

Project Location: DEVON - LEA CO., NM

Sample ID: V - 5 (0-6") (H235319-21)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	ea By: JH/					5-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2023	ND	1.87	93.4	2.00	3.32	
Toluene*	1.31	0.050	09/30/2023	ND	1.88	94.1	2.00	2.75	
Ethylbenzene*	3.27	0.050	09/30/2023	ND	1.96	98.0	2.00	2.77	
Total Xylenes*	16.7	0.150	09/30/2023	ND	5.84	97.3	6.00	2.85	GC-NC1
Total BTEX	21.3	0.300	09/30/2023	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	179	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2120	16.0	10/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	452	10.0	09/29/2023	ND	185	92.4	200	0.410	
DRO >C10-C28*	4740	10.0	09/29/2023	ND	189	94.7	200	2.17	
EXT DRO >C28-C36	801	10.0	09/29/2023	ND					
Surrogate: 1-Chlorooctane	142	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	231	% 49.1-14	8						

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Dionica Hinojos

Analytical Results For:

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

Received: 09/28/2023 Sampling Date: 09/28/2023

Reported: 10/04/2023 Sampling Type: Soil
Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact

Project Number: 237481 Sample Received By:

Project Location: DEVON - LEA CO., NM

Sample ID: V - 5 (1-1.5') (H235319-22)

BTEX 8021B	mg,	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2023	ND	1.87	93.4	2.00	3.32	
Toluene*	<0.050	0.050	09/30/2023	ND	1.88	94.1	2.00	2.75	
Ethylbenzene*	<0.050	0.050	09/30/2023	ND	1.96	98.0	2.00	2.77	
Total Xylenes*	<0.150	0.150	09/30/2023	ND	5.84	97.3	6.00	2.85	
Total BTEX	<0.300	0.300	09/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	10/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2023	ND	185	92.4	200	0.410	
DRO >C10-C28*	146	10.0	09/29/2023	ND	189	94.7	200	2.17	
EXT DRO >C28-C36	22.2	10.0	09/29/2023	ND					
Surrogate: 1-Chlorooctane	90.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	18						

Surrogate: 1-Chlorooctadecane 101 % 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: 09/28/2023 Sampling Date: 09/28/2023 Reported: 10/04/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Project Number: Sample Received By: 237481 Dionica Hinojos

Project Location: DEVON - LEA CO., NM

Sample ID: V - 5 (2-2.5') (H235319-23)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2023	ND	1.87	93.4	2.00	3.32	
Toluene*	<0.050	0.050	09/30/2023	ND	1.88	94.1	2.00	2.75	
Ethylbenzene*	<0.050	0.050	09/30/2023	ND	1.96	98.0	2.00	2.77	
Total Xylenes*	<0.150	0.150	09/30/2023	ND	5.84	97.3	6.00	2.85	
Total BTEX	<0.300	0.300	09/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	10/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2023	ND	185	92.4	200	0.410	
DRO >C10-C28*	<10.0	10.0	09/29/2023	ND	189	94.7	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	09/29/2023	ND					
Surrogate: 1-Chlorooctane	87.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.8	% 49.1-14	8						

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Analytical Results For:

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

 Received:
 09/28/2023
 Sampling Date:
 09/28/2023

 Reported:
 10/04/2023
 Sampling Type:
 Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Dionica Hinojos

Project Location: DEVON - LEA CO., NM

Sample ID: V - 5 (3-3.5') (H235319-24)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2023	ND	1.87	93.4	2.00	3.32	
Toluene*	<0.050	0.050	09/30/2023	ND	1.88	94.1	2.00	2.75	
Ethylbenzene*	<0.050	0.050	09/30/2023	ND	1.96	98.0	2.00	2.77	
Total Xylenes*	<0.150	0.150	09/30/2023	ND	5.84	97.3	6.00	2.85	
Total BTEX	<0.300	0.300	09/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	10/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2023	ND	188	94.1	200	3.30	
DRO >C10-C28*	<10.0	10.0	10/01/2023	ND	188	94.0	200	6.16	
EXT DRO >C28-C36	<10.0	10.0	10/01/2023	ND					
Surrogate: 1-Chlorooctane	90.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.4	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

 Received:
 09/28/2023
 Sampling Date:
 09/28/2023

 Reported:
 10/04/2023
 Sampling Type:
 Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Dionica Hinojos

Applyzod By: MC

Project Location: DEVON - LEA CO., NM

Sample ID: V - 5 (4-4.5') (H235319-25)

RTFY 8021R

B1EX 8021B	mg,	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/02/2023	ND	2.01	101	2.00	1.37	
Toluene*	< 0.050	0.050	10/02/2023	ND	2.16	108	2.00	2.98	
Ethylbenzene*	< 0.050	0.050	10/02/2023	ND	2.17	108	2.00	1.35	
Total Xylenes*	<0.150	0.150	10/02/2023	ND	6.54	109	6.00	1.11	
Total BTEX	<0.300	0.300	10/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 71.5-13-	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	10/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2023	ND	188	94.1	200	3.30	
DRO >C10-C28*	<10.0	10.0	10/01/2023	ND	188	94.0	200	6.16	
EXT DRO >C28-C36	<10.0	10.0	10/01/2023	ND					
Surrogate: 1-Chlorooctane	87.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.4	% 49.1-14	8						

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Notes and Definitions

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect. QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values. QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with GC-NC1 interfering compounds. 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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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 1/3

	(575) 393-2326 FAX (575) 393-24	476		3 1/3
Company Name		101	BILL TO	ANALYSIS REQUEST
Project Manage	Ethan Sessum	ζ,	P.O. #:21177730	
Address: AC	than Sessum 9 W Mckey S state: M	zip: 88220	Company: Dew Modell	
Phone #:	Fay #		Address:	
Project #: 23	7481 Project Owner	:Dewn	City:	
Project Name:	histle Unit #0	046	State: Zip:	
Project Location	: Leso 6 MM		Phone #:	
Sampler Name:	Omiting Askeron)L	Fax #:	
FOR LAB USE ONLY	0	MATRIX	PRESERV. SAMPLING	\times \bigcirc
Lab I.D. H235319 l	Sample I.D.	G)(G)RAB OR (C)ON - # CONTAINERS GROUNDWATER WASTEWATER X SOIL OIL	ACID/BASE: ACID/BASE: ACID/BASE: OTHER: OTHER:	N X X X X X X X X X X X X X X X X X X X
234567890	V - 1 $(1 - (.5')V - 1$ $(2 - 2 - 5')V - 1$ $(3 - 3.5')V - 1$ $(4 - 4.5')V - 2$ $(0 - 6')V - 1$ $(1 - (.5')V - 1$ $(2 - 2.5')V - 1$ $(3 - 3.5')V - 2$ $(4 - 4.5')$	ny claim arising whether based in contr	ract or fort, shall be limited to the amount paid by the client for the	

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 consequental 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 referred to the port.

Relinquished By:	Date: 9/15/13 Time: 15:00	1	d upon any of the above stated	Verhal Result: Y		Add'l de Ema	Phone #: il address:
Relinquished By:	Date: Receive	ed By:		REMARKS:			
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C (1, ()° C	Sample Condition Cool Intact Yes Yes No No	CHECKED BY:	Turnaround Time: Thermometer ID #140 Correction Factor 0°C	Standard Rush		Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Yes Yes No No Corrected Temp. °C

3:22:07 PM

Received by OCD: 5/31/2024

Page 29 of 30



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 882 (575) 393-2326 FAX (575) 393-24			Page	2/3
ompany Name: NTG Envinoumer	121	BILL TO	ANALYSI	S REQUEST
roject Manager:		P.O. #: 2177750		
ddress:		Company: Dewsh		
ity: State:	Zip:	Attn:		
hone #: Fax #:		Address:		
roject #: Project Owner		City:		
roject Name: (Nistle Unit #	046	State: Zip:		
roject Location:		Phone #:		
ampler Name:		Fax #:		
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLING		
Lab I.D. Sample I.D. 4235319 11 12 13 14 15 16 17 19 19 10 10 10 10 10 10 10 10 10 10 10 10 10	= # CONTAINERS GROUNDWATER WASTEWATER OIL	ACID/BASE: ACID/B	07H5 x 1941	
18 (2 - 2.5') 19 (3 -3.5') 20 (4 - 4.5') LEASE NOTE: Liability and Darmages. Cardina's liability and client's exclusive remedy for an	y Claim arising whether based in contr	act or fort, shall be limited to the amount paid by the client for	or 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 consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries.

Relinquished By:	Date: 9/28/23 Receive)	Verhal Result: ☐ Yes All Results are emailed.		Add'l Phone #: e Email address:
Relinquished By:	Date: Receive	ed By:	REMARKS:		
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 4.0°C Corrected Temp. °C	Sample Condition CHECKED BY: Cool Intact (Initials) Yes Yes No No	Turnaround Time: Thermometer ID #140 Correction Factor 0°C	Standard Rush	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Yes Yes No No Corrected Temp. °C

Released to Imaging: 6/26/2024 2:47:16 PM



101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Pes

3/3

(575) 393-2326 FAX (575) 393-2 Company Name: (G) Environment	utol	BILL TO	ANALYSIS REQUEST
roject Manager:	0.1	P.O. #:21/77750	
ddress:		Company: Dewy	7
ity: State:	Zip:	Attn:	
hone #: Fax #:		Address:	
Project #: Project Own	er:	City:	
Project #: Project Own	4046	State: Zip:	
Project Location:		Phone #:	
ampler Name:		Fax #:	
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLING	
Lab I.D. Sample I.D. 4235319 21 22 33 34 35 34 45 45 47 47 47 47 47 48	# CONTAINERS # CONTAINERS GROUNDWATER WASTEWATER OIL	ACID/BASE: ACID/BASE: ACID/BASE: OTHER: ACID/BASE: ACID	THE X X X X X X X X X X X X X X X X X X X
LEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy inalyses. All claims including those for negligence and any other cause whatsoever shall cardinal be liable for incidental or consequental damages, including those or successors arising out of or related to the performance of services hereunder. Relinquished By: Date: Time: Delivered By: (Circle One) Observed Temp.	be deemed waived unless made in writing fing without limitation, business interruption of Cardinal, regardless of whether such click Received By:	and received by Cardinal within 30 days after completion is, loss of use, or loss of profits incurred by client, its sub- aim is based upon any of the above stated reason. In the state of	n of the applicable sidiaries, herefully a sidiaries, sidiarie

Report to:
Ethan Sessums



5796 U.S. Hwy 64 Farmington, NM 87401

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





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Practical Solutions for a Better Tomorrow

Analytical Report

NTG-New Tech Global Environmental

Project Name: Thistle Unit #46H

Work Order: E311096

Job Number: 21106-0001

Received: 11/13/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 11/14/23

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 11/14/23

Ethan Sessums 911 Regional Park Dr. Houston, TX 77060

Project Name: Thistle Unit #46H

Workorder: E311096

Date Received: 11/13/2023 7:00:00AM

Ethan Sessums,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/13/2023 7:00:00AM, under the Project Name: Thistle Unit #46H.

The analytical test results summarized in this report with the Project Name: Thistle Unit #46H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

Walter Hinchman

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Sample Summary

NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	Donoutode
911 Regional Park Dr.	Project Number:	21106-0001	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	11/14/23 14:40

Client Sample ID	Lab Sample ID Matrix	Sampled	Received	Container
V-1 5-5.5'	E311096-01A Soil	11/10/23	11/13/23	Glass Jar, 2 oz.
V-1 6-6.5'	E311096-02A Soil	11/10/23	11/13/23	Glass Jar, 2 oz.
V-1 7-7.5'	E311096-03A Soil	11/10/23	11/13/23	Glass Jar, 2 oz.
V-1 8-8.5'	E311096-04A Soil	11/10/23	11/13/23	Glass Jar, 2 oz.



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	21106-0001	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	11/14/2023 2:40:00PM

V-1 5-5.5' E311096-01

	E311090-01				
Result	Reporting Limit		Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2346008
ND	0.0250	1	11/13/23	11/14/23	
ND	0.0250	1	11/13/23	11/14/23	
ND	0.0250	1	11/13/23	11/14/23	
ND	0.0250	1	11/13/23	11/14/23	
ND	0.0500	1	11/13/23	11/14/23	
ND	0.0250	1	11/13/23	11/14/23	
	93.5 %	70-130	11/13/23	11/14/23	
mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2346008
ND	20.0	1	11/13/23	11/14/23	
	92.7 %	70-130	11/13/23	11/14/23	
mg/kg	mg/kg	Ana	lyst: KM		Batch: 2346014
ND	25.0	1	11/13/23	11/14/23	
ND	50.0	1	11/13/23	11/14/23	
	107 %	50-200	11/13/23	11/14/23	
mg/kg	mg/kg	Ana	lyst: BA		Batch: 2346010
ND	20.0	1	11/13/23	11/13/23	
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result Reporting Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 mg/kg mg/kg MB/kg mg/kg MB/kg mg/kg ND 25.0 ND 50.0 107 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Anal ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 mg/kg mg/kg Anal ND 20.0 1 92.7 % 70-130 70-130 mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1 107 % 50-200 mg/kg mg/kg Anal	Reporting Result Limit Dilution Prepared mg/kg mg/kg Analyst: RKS ND 0.0250 1 11/13/23 ND 0.0250 1 11/13/23 ND 0.0250 1 11/13/23 ND 0.0500 1 11/13/23 ND 0.0250 1 11/13/23 MD 0.0250 1 11/13/23 mg/kg mg/kg Analyst: RKS ND 20.0 1 11/13/23 mg/kg mg/kg Analyst: KM ND 25.0 1 11/13/23 ND 50.0 1 11/13/23 ND 50.0 1 11/13/23 ND 50.0 1 11/13/23 Mg/kg mg/kg Analyst: KM	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RKS ND 0.0250 1 11/13/23 11/14/23 ND 0.0250 1 11/13/23 11/14/23 ND 0.0250 1 11/13/23 11/14/23 ND 0.0500 1 11/13/23 11/14/23 ND 0.0250 1 11/13/23 11/14/23 ND 0.0250 1 11/13/23 11/14/23 mg/kg mg/kg Analyst: RKS ND 20.0 1 11/13/23 11/14/23 mg/kg mg/kg Analyst: KM ND 25.0 1 11/13/23 11/14/23 ND 25.0 1 11/13/23 11/14/23 ND 50.0 1 11/13/23 11/14/23 ND 50.0 1 11/13/23 11/14/23 ng/kg mg/kg Analyst: BA



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	21106-0001	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	11/14/2023 2:40:00PM

V-1 6-6.5'

		E311096-02				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: RKS		Batch: 2346008
Benzene	ND	0.0250	1	11/13/23	11/14/23	
Ethylbenzene	ND	0.0250	1	11/13/23	11/14/23	
Toluene	ND	0.0250	1	11/13/23	11/14/23	
o-Xylene	ND	0.0250	1	11/13/23	11/14/23	
p,m-Xylene	ND	0.0500	1	11/13/23	11/14/23	
Total Xylenes	ND	0.0250	1	11/13/23	11/14/23	
Surrogate: 4-Bromochlorobenzene-PID		93.4 %	70-130	11/13/23	11/14/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: RKS		Batch: 2346008
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/13/23	11/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.5 %	70-130	11/13/23	11/14/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KM		Batch: 2346014
Diesel Range Organics (C10-C28)	ND	25.0	1	11/13/23	11/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/13/23	11/14/23	
Surrogate: n-Nonane		105 %	50-200	11/13/23	11/14/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2346010
Chloride	ND	20.0	1	11/13/23	11/13/23	



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	21106-0001	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	11/14/2023 2:40:00PM

V-1 7-7.5'

E311096-03

	Reporting				
Result	Limit	Dilutio	on Prepared	Analyzed	Notes
mg/kg	mg/kg	Ar	nalyst: RKS		Batch: 2346008
ND	0.0250	1	11/13/23	11/14/23	
ND	0.0250	1	11/13/23	11/14/23	
ND	0.0250	1	11/13/23	11/14/23	
ND	0.0250	1	11/13/23	11/14/23	
ND	0.0500	1	11/13/23	11/14/23	
ND	0.0250	1	11/13/23	11/14/23	
	93.2 %	70-130	11/13/23	11/14/23	
mg/kg	mg/kg	Ar	nalyst: RKS		Batch: 2346008
ND	20.0	1	11/13/23	11/14/23	
	93.1 %	70-130	11/13/23	11/14/23	
mg/kg	mg/kg	Ar	nalyst: KM		Batch: 2346014
ND	25.0	1	11/13/23	11/14/23	
ND	50.0	1	11/13/23	11/14/23	
ND	99.9 %	50-200	11/13/23	11/14/23	
ND mg/kg					Batch: 2346010
	mg/kg ND ND ND ND ND ND ND ND ND MD MD MG/kg	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 mg/kg mg/kg ND 20.0 93.1 % mg/kg mg/kg mg/kg	Result Limit Dilution mg/kg mg/kg An ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 mg/kg mg/kg An ND 20.0 1 93.1 % 70-130 mg/kg mg/kg An mg/kg mg/kg An	Result Limit Dilution Prepared mg/kg mg/kg Analyst: RKS ND 0.0250 1 11/13/23 ND 0.0250 1 11/13/23 ND 0.0250 1 11/13/23 ND 0.0250 1 11/13/23 ND 0.0500 1 11/13/23 ND 0.0250 1 11/13/23 mg/kg mg/kg Analyst: RKS ND 20.0 1 11/13/23 mg/kg 70-130 11/13/23 mg/kg mg/kg Analyst: RKS	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RKS ND 0.0250 1 11/13/23 11/14/23 ND 0.0500 1 11/13/23 11/14/23 ND 0.0250 1 11/13/23 11/14/23 mg/kg mg/kg Analyst: RKS ND 20.0 1 11/13/23 11/14/23 mg/kg mg/kg Analyst: RKS



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	21106-0001	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	11/14/2023 2:40:00PM

V-1 8-8.5'

		E311096-04				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: RKS		Batch: 2346008
Benzene	ND	0.0250	1	11/13/23	11/14/23	
Ethylbenzene	ND	0.0250	1	11/13/23	11/14/23	
Toluene	ND	0.0250	1	11/13/23	11/14/23	
o-Xylene	ND	0.0250	1	11/13/23	11/14/23	
p,m-Xylene	ND	0.0500	1	11/13/23	11/14/23	
Total Xylenes	ND	0.0250	1	11/13/23	11/14/23	
Surrogate: 4-Bromochlorobenzene-PID		93.7 %	70-130	11/13/23	11/14/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: RKS		Batch: 2346008
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/13/23	11/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.6 %	70-130	11/13/23	11/14/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KM		Batch: 2346014
Diesel Range Organics (C10-C28)	ND	25.0	1	11/13/23	11/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/13/23	11/14/23	
Surrogate: n-Nonane		104 %	50-200	11/13/23	11/14/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2346010
Chloride	ND	20.0	1	11/13/23	11/13/23	



		QC Si	41111111	ary Data	1				
NTG-New Tech Global Environmental		Project Name:		histle Unit #46	Н				Reported:
911 Regional Park Dr.							11/14/2022 2 40 00734		
Houston TX, 77060		Project Manager:	Е	than Sessums					11/14/2023 2:40:00PM
		Volatile O	rganics l	by EPA 802	1B				Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2346008-BLK1)							Prepared: 1	1/13/23 A	nalyzed: 11/13/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.72		8.00		96.4	70-130			
LCS (2346008-BS1)							Prepared: 1	1/13/23 A	nalyzed: 11/13/23
Benzene	4.93	0.0250	5.00		98.6	70-130			
Ethylbenzene	4.72	0.0250	5.00		94.4	70-130			
Toluene	4.92	0.0250	5.00		98.4	70-130			
o-Xylene	4.83	0.0250	5.00		96.6	70-130			
p,m-Xylene	9.75	0.0500	10.0		97.5	70-130			
Total Xylenes	14.6	0.0250	15.0		97.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.67		8.00		95.9	70-130			
Matrix Spike (2346008-MS1)				Source:	E311076-	22	Prepared: 1	1/13/23 A	analyzed: 11/14/23
Benzene	4.98	0.0250	5.00	ND	99.5	54-133			
Ethylbenzene	4.76	0.0250	5.00	ND	95.1	61-133			
Toluene	4.96	0.0250	5.00	ND	99.2	61-130			
o-Xylene	4.86	0.0250	5.00	ND	97.2	63-131			
p,m-Xylene	9.81	0.0500	10.0	ND	98.1	63-131			
Total Xylenes	14.7	0.0250	15.0	ND	97.8	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.59		8.00		94.8	70-130			
Matrix Spike Dup (2346008-MSD1)				Source:	E311076-	22	Prepared: 1	1/13/23 A	nalyzed: 11/14/23
Benzene	4.93	0.0250	5.00	ND	98.6	54-133	0.871	20	
Ethylbenzene	4.72	0.0250	5.00	ND	94.3	61-133	0.870	20	
Toluene	4.92	0.0250	5.00	ND	98.5	61-130	0.770	20	
o-Xylene	4.82	0.0250	5.00	ND	96.5	63-131	0.731	20	
p,m-Xylene	9.74	0.0500	10.0	ND	97.4	63-131	0.730	20	
Total Xylenes	14.6	0.0250	15.0	ND	97.1	63-131	0.731	20	

95.0

70-130



Surrogate: 4-Bromochlorobenzene-PID

NTG-New Tech Global Environmental 911 Regional Park Dr.	Project Name: Project Number:	Thistle Unit #46H 21106-0001	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	11/14/2023 2:40:00PM

Houston TX, 77060		Project Manage	r: Etl	han Sessums				11	1/14/2023 2:40:00PM
	Nor	nhalogenated	Organics l	by EPA 80	15D - Gl	RO			Analyst: RKS
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2346008-BLK1)							Prepared: 1	1/13/23 Ana	alyzed: 11/13/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.36		8.00		91.9	70-130			
LCS (2346008-BS2)							Prepared: 1	1/13/23 Ana	alyzed: 11/13/23
Gasoline Range Organics (C6-C10)	41.4	20.0	50.0		82.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.42		8.00		92.8	70-130			
Matrix Spike (2346008-MS2)				Source:	E311076-2	22	Prepared: 1	1/13/23 Ana	alyzed: 11/14/23
Gasoline Range Organics (C6-C10)	42.8	20.0	50.0	ND	85.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.33		8.00		91.7	70-130			
Matrix Spike Dup (2346008-MSD2)				Source:	E311076-2	22	Prepared: 1	1/13/23 Ana	alyzed: 11/14/23
Gasoline Range Organics (C6-C10)	43.6	20.0	50.0	ND	87.2	70-130	1.92	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.51		8.00		93.8	70-130			

NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	Reported:
911 Regional Park Dr.	Project Number:	21106-0001	·
Houston TX, 77060	Project Manager:	Ethan Sessums	11/14/2023 2:40:00PM

Houston TX, 77060		Project Manage	r: Et	han Sessums				1	1/14/2023 2:40:00PM
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2346014-BLK1)							Prepared: 1	1/13/23 An	alyzed: 11/14/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.6		50.0		103	50-200			
LCS (2346014-BS1)							Prepared: 1	1/13/23 An	alyzed: 11/14/23
Diesel Range Organics (C10-C28)	254	25.0	250		102	38-132			
Surrogate: n-Nonane	53.6		50.0		107	50-200			
Matrix Spike (2346014-MS1)				Source:	E311096-	02	Prepared: 1	1/13/23 An	alyzed: 11/14/23
Diesel Range Organics (C10-C28)	250	25.0	250	ND	100	38-132			
Surrogate: n-Nonane	53.4		50.0		107	50-200			
Matrix Spike Dup (2346014-MSD1)				Source:	E311096-	02	Prepared: 1	1/13/23 An	alyzed: 11/14/23
Diesel Range Organics (C10-C28)	253	25.0	250	ND	101	38-132	1.25	20	
Surrogate: n-Nonane	52.1		50.0		104	50-200			

NTG-New Tech Global Environmental		Project Name:		histle Unit #46	Ы				Reported:
911 Regional Park Dr. Houston TX, 77060		Project Number: Project Manager:		1106-0001 than Sessums				11/14/2023 2:40:00PM	
		Anions	by EPA 3	300.0/9056 <i>A</i>	1				Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2346010-BLK1)							Prepared:	11/13/23	Analyzed: 11/13/23
Chloride	ND	20.0							
LCS (2346010-BS1)							Prepared:	11/13/23	Analyzed: 11/13/23
Chloride	257	20.0	250		103	90-110			
Matrix Spike (2346010-MS1)				Source:	E311096-0	1	Prepared:	11/13/23	Analyzed: 11/14/23
Chloride	252	20.0	250	ND	101	80-120			
Matrix Spike Dup (2346010-MSD1)				Source:	E311096-0	1	Prepared:	11/13/23	Analyzed: 11/14/23
Chloride	252	20.0	250	ND	101	80-120	0.155	20	

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

	NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
-	911 Regional Park Dr.	Project Number:	21106-0001	Reported:
-	Houston TX, 77060	Project Manager:	Ethan Sessums	11/14/23 14:40

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

DNR Did not react with the addition of acid or base.

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

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





Work Order No: <u>E311094</u>

Project Manager:	Ethan Sessum	s			Bill to: (if	different)		P	alt	ω	ood	a 11					Work O	rder	Comments		
Company Name:	NTG Environm	ental			Company	ompany Name:		company Name:		mpany Name:		Il to: (if different) Dave Woodall Devon Energy				Pro	Program: UST/PST PRP rownfields RRC upperfund				perfund [
Address:	209 W McKay	St			Address:	Address:			05					State of Project:							
City, State ZIP:	Carlsbad, NM	88220			City, Stat	ity, State ZIP:								Reporting:Level II Level III PST/UST TRRP Level IV							
Phone:	432-701-2159			Email:	esessur	esessums@ntglobal.c								Del	liverable	s: EDD]	ADaP	PT Other:		
Project Name:	This	tle Unit #46H		Turn	Around				1			ANA	LYSIS I	REQUE	ST				Preservative C	odes	
Project Number:		237481		Routine	✓ Rush	1	Pres. Code													Vater: H ₂ O	
Project Location	Ed	dy Co, NM		Due Date:	48 H	ours				- 1										DH: Me	
Sampler's Name:		an Sessums		TAT starts the					+ MRO)											D ₃ : HN	
PO #:		21177730		lab, if rece	ived by 4:3	Opm	S.		+	200										그렇게 되었다.	
SAMPLE RECEI	PT Ten	np Blank:	Yes No	Wet Ice:	Yes	No	Parameters	<u>m</u>	+ DRO										H ₃ PO ₄ , HP		
Received Intact:	Ye	s No	Thermom	eter ID:			aran	3TEX 8021B	†	Chloride 4500			1 1					НОГР	NaHSO ₄ NABIS		
Cooler Custody Seal	s: Yes	No N/A	Correctio	n Factor:	actor:		ď.	TEX	(GRO	loric	- 1			1.1				오	Na ₂ S ₂ O ₃ NaSO ₃		
		No N/A	Tempera	ure Reading:					TPH 8015M	Ö									Zn Acetate+NaOH: Zn	0	
Total Containers:		4 Corrected		Temperature:					180										NaOH+Ascorbic Acid.	SAPC	
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/ Comp	# of Cont		TP										Sample Comm	nents	
V-1	5-5.5'	11/10/2023		Х		Grab	1	Х	Х	Х										1	
V-1	6-6.5'	11/10/2023		X		Grab	1	Х	X	Х										2	
V-1	7-7.5'	11/10/2023		X		Grab	1	Х	X	Х										3	
V-1	8-8.5'	11/10/2023		Х		Grab	1	Х	X	Х										4	
											-	-			-		-				
									1						+						
									1												
									9												
									7												
Additio	onal Comment	s:																			
Addition	onar Comment								1												
Notice: Signature of this			25 3 15 3 3902		7 -2246- 14		water water 40 st														

Relinquished by: (Signature)

Received by: (Signature)

1 Augustian

1

Page 444 of 451
Printed: 11/14/2023 2:36:33PM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	NTG-New Tech Global Environmental	Date Received:	11/13/23 07	':00	Work Order ID:	E311096
Phone:	(281) 872-9300	Date Logged In:	11/13/23 07	':31	Logged In By:	Raina Schwanz
Email:	esessums@ntglobal.com	Due Date:	11/14/23 17	7:00 (1 day TAT)		
Chain of	Custody (COC)					
1. Does th	e sample ID match the COC?		Yes			
2. Does th	e number of samples per sampling site location mat	ch the COC	Yes			
3. Were sa	imples dropped off by client or carrier?		Yes	Carrier: C	<u>Courier</u>	
4. Was the	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	No			
5. Were al	l samples received within holding time? Note: Analysis, such as pH which should be conducted ir i.e, 15 minute hold time, are not included in this disucssion.		Yes		Comment	s/Resolution
Sample T	urn Around Time (TAT)				m: 1.1 / :	1.1. 000
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes		Time sampled not provi	ded on COC per
Sample C	<u>looler</u>				client.	
7. Was a s	ample cooler received?		Yes			
8. If yes, v	was cooler received in good condition?		Yes		SRC email not sent per	client request
9. Was the	e sample(s) received intact, i.e., not broken?		Yes		are sman not som per	onom roquest.
10. Were	custody/security seals present?		No			
11. If yes,	were custody/security seals intact?		NA			
	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes			
Sample C		temperature. 1	<u>~</u>			
_	queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	trip blank (TB) included for VOC analyses?		NA			
	on-VOC samples collected in the correct containers)	Yes			
	appropriate volume/weight or number of sample contain		Yes			
Field Lab		iors conceicu.	103			
	field sample labels filled out with the minimum info	rmation				
	ample ID?		Yes			
	ate/Time Collected?		Yes	L		
Co	ollectors name?		Yes			
	<u>reservation</u>					
	the COC or field labels indicate the samples were pr	eserved?	No			
	mple(s) correctly preserved?		NA			
24. Is lab	filteration required and/or requested for dissolved m	netals?	No			
_	se Sample Matrix					
26. Does t	he sample have more than one phase, i.e., multipha	se?	No			
27. If yes,	does the COC specify which phase(s) is to be analy	zed?	NA			
Subcontra	act Laboratory					
28. Are sa	mples required to get sent to a subcontract laborator	ry?	No			
29. Was a	subcontract laboratory specified by the client and it	so who?	NA S	Subcontract Lab	: NA	
Client In	struction					
<u>enene in</u>	<u>SET UCTION</u>					

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

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

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

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

QUESTIONS

Action 335334

QUESTIONS

Operator		OGRID:
	Permian Resources Operating, LLC	372165
	300 N. Marienfeld St Ste 1000	Action Number:
	Midland, TX 79701	335334
		Action Type:
		[C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Prerequisites					
Incident ID (n#)	nAPP2214356019				
Incident Name	NAPP2214356019 HAGBERRY 9 BATTERY 1 @ 30-025-46136				
Incident Type	Fire				
Incident Status	Deferral Request Received				
Incident Well	[30-025-46136] HAGBERRY 9 STATE COM #501H				

Location of Release Source					
Please answer all the questions in this group.					
Site Name	HAGBERRY 9 BATTERY 1				
Date Release Discovered	05/20/2022				
Surface Owner	Private				

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

Nature and Volume of Release					
Material(s) released, please answer all that apply below. Any calculations or specific justifications fo	or the volumes provided should be attached to the follow-up C-141 submission.				
Crude Oil Released (bbls) Details	Cause: Other Other (Specify) Crude Oil Released: 1 BBL Recovered: 0 BBL Lost: 1 BBL.				
Produced Water Released (bbls) Details	Not answered.				
Is the concentration of chloride in the produced water >10,000 mg/l	Not answered.				
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)	The inlet line of the flare flooded and resulted in the release of crude oil from the flare. The cause of the release is still under investigation. Following an initial assessment of the flare equipment on 5/22/2022, it was discovered a small fire resulted from the release of crude oil at the blower. The fire was self extinguished and was contained to the equipment in the immediate area of the blower.				

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1220 S. St Francis Dr., Santa Fe, NM 87505

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 335334

Phone: (505) 476-3470 Fax: (505) 476-3462	
QUEST	IONS (continued)
Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID:
QUESTIONS	•
Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	More info needed to determine if this will be treated as 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: (2) an unauthorized release of a volume that: (a) results in a fire or is the result of a fire.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.	e. gas only) are to be submitted on the C-129 form.
Initial Response	
The responsible party must undertake the following actions immediately unless they could create a	safety hazard that would result in injury.
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.
	ilation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative o ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of evaluation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for rele the OCD does not relieve the operator of liability should their operations have failed to	knowledge and understand that pursuant to OCD rules and regulations all operators are required ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface rt does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Matthew Taylor Title: Environmental Coordinator

Email: matthew.taylor@permianres.com

Date: 05/30/2024

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

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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 335334

QUESTIONS (continued)

Operator:	OGRID:
Permian Resources Operating, LLC	372165
300 N. Marienfeld St Ste 1000	Action Number:
Midland, TX 79701	335334
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Site Characterization			
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.			
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)		
What method was used to determine the depth to ground water	NM OSE iWaters Database Search		
Did this release impact groundwater or surface water	No		
What is the minimum distance, between the closest lateral extents of the release ar	nd the following surface areas:		
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)		
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 500 and 1000 (ft.)		
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	Greater than 5 (mi.)		
A wetland	Between 300 and 500 (ft.)		
A subsurface mine	Greater than 5 (mi.)		
An (non-karst) unstable area	Greater than 5 (mi.)		
Categorize the risk of this well / site being in a karst geology	Low		
A 100-year floodplain	Greater than 5 (mi.)		
Did the release impact areas not on an exploration, development, production, or storage site	No		

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provide	ed to the appropriate district office no later than 90 days after the release discovery date.
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamin	nation associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in	n milligrams per kilograms.)
Chloride (EPA 300.0 or SM4500 Cl B)	960
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	7620
GRO+DRO (EPA SW-846 Method 8015M)	5600
BTEX (EPA SW-846 Method 8021B or 8260B)	0.1
Benzene (EPA SW-846 Method 8021B or 8260B)	0.3
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes comp which includes the anticipated timelines for beginning and completing the remediation.	pleted efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,
On what estimated date will the remediation commence	09/20/2022
On what date will (or did) the final sampling or liner inspection occur	03/11/2024
On what date will (or was) the remediation complete(d)	03/11/2024
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	7200
What is the estimated volume (in cubic yards) that will be remediated	256
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	ed 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.

District I

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

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

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

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

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

QUESTIONS, Page 4

Action 335334

QUESTIONS (continued)

Operator:		OGRID:
Permian Resour	ces Operating, LLC	372165
300 N. Marienfeld	d St Ste 1000	Action Number:
Midland, TX 7970	01	335334
		Action Type:
		[C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Remediation Plan (continued)		
Please answer all the questions that apply or are indicated. This information must be provided to the	appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:		
(Select all answers below that apply.)		
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes	
Which OCD approved facility will be used for off-site disposal	OWL LANDFILL JAL [fJEG1635837366]	
OR which OCD approved well (API) will be used for off-site disposal	Not answered.	
OR is the off-site disposal site, to be used, out-of-state	Not answered.	
OR is the off-site disposal site, to be used, an NMED facility	Not answered.	
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No	
(In Situ) Soil Vapor Extraction	No	
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No	
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No	
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No	
Ground Water Abatement pursuant to 19.15.30 NMAC	No	
OTHER (Non-listed remedial process)	No	

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: Matthew Taylor Title: Environmental Coordinator Email: matthew.taylor@permianres.com

Date: 05/30/2024

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

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

QUESTIONS, Page 5

Action 335334

QUESTIONS (continued)

40-01	(,
Operator: Permian Resources Operating, LLC		OGRID: 372165
300 N. Marienfeld St Ste 1000 Midland, TX 79701		Action Number: 335334
		Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)
QUESTIONS		
Deferral Requests Only		
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of	of the following items mu	st 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	Yes	
Have the lateral and vertical extents of contamination been fully delineated	Yes	
Is the remaining contamination in areas immediately under or around production equipment where remediation could cause a major facility deconstruction	Yes	
Please list or describe the production equipment and how (re)moving the equipment would cause major facility deconstruction	recovery units, an impacted soil affe area beneath the	the flare to excavate soil in situ would require the removal of the flare, vapor all all associated equipment tied to the flare. Remediation of hydrocarboncted above the NMOCD Closure Criterion for TPH remaining in-situ in the flare will be completed upon decommissioning and abandonment of the ince with Sections 19.15.29.12 and 19.15.29.13 NMAC.
What is the remaining surface area (in square feet) that will still need to be remediated if a deferral is granted	25	
What is the remaining volume (in cubic yards) that will still need to be remediated if a deferral is granted	2	
Per Paragraph (2) of Subsection C of 19.15.29.12 NMAC if contamination is located in areas immedered in a management of the subsection of		
Enter the facility ID (f#) on which this deferral should be granted	Hagberry 9 Batter	y 1 [fAPP2220947787]
Enter the well API (30-) on which this deferral should be granted	Not answered.	
Contamination does not cause an imminent risk to human health, the environment, or groundwater	True	
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed e which includes the anticipated timelines for beginning and completing the remediation.	fforts at remediation, the	e report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC
I hereby certify that the information given above is true and complete to the best of my to report and/or file certain release notifications and perform corrective actions for rele the OCD does not relieve the operator of liability should their operations have failed to water, human health or the environment. In addition, OCD acceptance of a C-141 report local laws and/or regulations.	ases which may end adequately investiga	anger public health or the environment. The acceptance of a C-141 report by te and remediate contamination that pose a threat to groundwater, surface
Lhereby agree and sign off to the above statement	Name: Matthew Ta Title: Environmen	•

Email: matthew.taylor@permianres.com

Date: 05/30/2024

I hereby agree and sign off to the above statement

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

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

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

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

QUESTIONS, Page 6

Action 335334

QUESTIONS (continued)

Operator:	OGRID:
Permian Resources Operating, LLC	372165
300 N. Marienfeld St Ste 1000	Action Number:
Midland, TX 79701	335334
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	303086
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/16/2024
What was the (estimated) number of samples that were to be gathered	30
What was the sampling surface area in square feet	4600

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	No

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

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

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

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

CONDITIONS

Action 335334

CONDITIONS

Operator:	OGRID:
Permian Resources Operating, LLC	372165
300 N. Marienfeld St Ste 1000	Action Number:
Midland, TX 79701	335334
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

CONDITIONS

Created	Condition	Condition
Ву		Date
nvelez	Deferral is approved. Remediation Due date will be left open until the site has been plugged and abandoned or a major facility deconstruction takes place.	6/26/2024