

Burton Flat Deep Unit 44 SWD

9-6-2023

nAPP2325041552

Spill Volume(Bbls) Calculator		
<i>Inputs in blue , Outputs in red</i>		
<i>Contaminated Soil measurement</i>		
Length(Ft)	Width(Ft)	Depth(Ft)
<u>40</u>	<u>40.000</u>	<u>0.005</u>
Cubic Feet of Soil Impacted		<u>8.000</u>
Barrels of Soil Impacted		<u>1.43</u>
Soil Type		Clay/Sand
Barrels of Oil Assuming 100% Saturation		<u>0.00</u>
Saturation	Fluid present when squeezed	
Estimated Barrels of Oil Released		0.00
Free Standing Fluid Only		
Length(Ft)	Width(Ft)	Depth(Ft)
<u>15</u>	<u>5.000</u>	<u>0.005</u>
Standing fluid		
Total fluids spilled		<u>1.430</u>



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

February 22, 2024

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

**Re: Closure Request
Burton Flat Deep Unit #044
Devon Energy Production Company
Unit F, S03, T21S, R27E
Site Coordinates: 32.5117073, -104.1806793
Eddy County, New Mexico
Incident ID: nAPP2325041552**

Mr. Bratcher:

On behalf of Devon Energy Production Company (Devon), New Tech Global Environmental, LLC (NTGE) has prepared this Closure Request Report to document site assessment, remedial action, and sampling activities at the Burton Flat Deep Unit #044 (Site) for submittal to the New Mexico Oil Conservation Division (NMCOD) District 2 Office in Artesia, New Mexico. The Site is located in Unit Letter F, Section 03, of Township 21 South and Range 27 East in Eddy 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 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on September 6th, 2023, when an operator spotted a poly line leaking south of the lease road leading to the Burton Flat Deep Unit #044. The spill resulted in the release of approximately 1.4 barrels (bbls) of produced water of which none were recovered for a net loss of 1.4 bbls of produced water. Upon discovery, the equipment was shut-in, and the area was secured. The release area is shown in Figure 3. The initial C-141 form is attached.

Site Characterization

The site is located within a high karst area. Based on a review of the New Mexico Office of State Engineers (NMOSE) and USGS databases, there is one known water source within a ½-mile radius of the Site. The nearest identified well (C 02907) is located 0.3 miles northwest of the site in, Sec 30 T21S R27E and was drilled in 2003 to a reported depth of 52 feet below ground surface (ft bgs) with groundwater first encountered at 14 ft bgs.

No other receptors (playas, wetlands, waterways, lakebeds, or ordinance boundaries) are located within each specific boundary or distance from the Site. According to the Karst Potential Map. The Site characterization documentation (Points of Diversion, Karst Potential, Significant Watercourse Map,

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For Oil & Gas Operations**

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Wetlands Map, and FEMA Map) is attached to this report.

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

General Site Characterization and Groundwater:

Site Characterization	Average Groundwater Depth (ft)
High Karst	14

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)	GRO+DRO	BTEX	Benzene
19.15.23.12 Remediation and Closure Criteria for Soils Impacted by a Release	600 mg/kg	100 mg/kg	---	50 mg/kg	10 mg/kg
Notes: --- = not defined					

Site Assessment

On October 31st, 2023, NTGE conducted site assessment activities to assess the extent of impacts at the Site. Four (4) vertical sample points (V-1 through V-4) were installed within the release area, while nine (9) horizontal sample points (H-1 through H-9) were installed adjacent to the release area in order to characterize the impacts. Soil samples were collected at one (1) ft intervals from depths ranging from surface to 4 ft bgs with a geotechnical hand auger. The hand auger was decontaminated with Alconox and deionized water between soil borings to prevent cross-contamination. Sample locations are shown in Figure 3.

Soil samples were placed directly into laboratory provided samples containers, placed on ice, and transported under proper chain-of-custody protocol to Cardinal Laboratories in Hobbs, NM for analysis of TPH (EPA method 8015 modified), BTEX (EPA Method 8021B), and chloride (method SM4500Cl-B). The analytical results indicated that Chloride, TPH, Benzene, and BTEX concentrations exceeded the NMOCD regulatory limits in the areas of V-1 and V-2 at various depths ranging from surface to three (3) ft bgs.

Analytical results are included in Table 1, while soil boring locations are shown in Figure 3. The initial C-141, laboratory reports containing analytical methods and chain-of-custody documents are attached to 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 areas of V-1 was excavated to 2 ft bgs and V-2 to a depth of 3.5 ft bgs.

On February 1st, 2024, NTGE was on site to conduct confirmation sampling event. A total of eighty-six (86) composite confirmation samples were collected from the excavation base (CS-1 through CS-86)

Mr. Mike Bratcher
February 22, 2024
Page 3 of 4

and twelve (12) composite confirmation samples were collected from the excavation sidewalls (SW-1 through SW-12) to ensure impacted soil was removed.

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

The confirmation samples were collected every 200 square feet and analyzed for TPH (EPA method 8015 modified), BTEX (EPA Method 8021B), and chloride (method SM4500Cl-B). Following receipt of the analytical results, analytical results indicated that five (5) composite confirmation excavation base samples (CS-7, CS-27, CS-38, CS-51 and CS-86) were above NMOCD regulatory criterion for chloride concentrations.

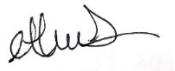
As a result, the impacted areas CS-7, CS-27 and CS-38 were excavated to a depth of 3 ft bgs and the impacted areas CS-51 and CS-86 were excavated to 4.5 ft bgs. On February 8th, 2024, five (5) composite confirmation base samples (CS-7, CS-27, CS-38, CS-51 and CS-86) along with seven (7) confirmation sidewall samples (SW-13 through SW-19) were collected from the extended excavated areas. The confirmation samples were collected in accordance with the regulatory guidelines and analyzed for TPH, BTEX and chloride. Analytical results indicated that one (1) wall confirmation sample (SW-16) was above NMOCD regulatory criterion for chloride concentrations.

As a result, the excavation was expanded horizontally. On February 16th, 2024, NTGE collected one (1) new side wall confirmation sample (SW-16A) from the horizontally extended excavation. Analytical results showed that sample SW-16A was below NMOCD regulatory criterion for the Site, therefore indicating that all impacted soils have been removed from the site. Complete analytical results for all confirmation samples are presented in Table 2 and the final excavation map with confirmation sample locations is shown in Figure 4.

Closure Request

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

Sincerely,
NTG Environmental



Ethan Sessums
Project Manager



Dmitry Nikanorov
Project Scientist

Mr. Mike Bratcher
February 22, 2024
Page 4 of 4

Attachments:

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

INITIAL C-141

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

State of New Mexico
Energy Minerals and Natural
Resources Department

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

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

Incident ID	nAPP2325041552
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Devon Energy Production Company	OGRID 6137
Contact Name Dale Woodall	Contact Telephone 575-748-1838
Contact email dale.woodall@dvn.com	Incident # (assigned by OCD) nAPP2325041552
Contact mailing address 205 E. Bender Road. #150; Hobbs, NM 88240	

Location of Release Source

Latitude 32.5117073 Longitude -104.1806793
(NAD 83 in decimal degrees to 5 decimal places)

Site Name BURTON FLAT DEEP UNIT #044	Site Type OIL
Date Release Discovered 9/6/2023	API# (if applicable) 30-015-32274

Unit Letter	Section	Township	Range	County
F	03	21S	27E	EDDY

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

Nature and Volume of Release

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

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 1.4	Volume Recovered (bbls) 0
	Is the concentration of total dissolved solids (TDS) in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release
Operator saw water spraying out of a 4" poly lie on the south side of the lease road leaving the BFDU 44 SWD. Valves were closed downstream to stop the leak. A 4" clamp was installed on the poly line. A truck was called to recover fluids, but all fluids had soaked into the ground by the time it arrived. Spill was offsite.

Incident ID	nAPP2325041552
District RP	
Facility ID	
Application ID	

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

Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped.	
<input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment.	
<input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.	
<input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why: 	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: Dale Woodall	Title: Env. Professional
Signature: <u>Dale Woodall</u>	Date: <u>9/11/2023</u>
email: <u>dale.woodall@dvn.com</u>	Telephone: <u>575-748-1838</u>
<u>OCD Only</u>	
Received by: <u>Shelly Wells</u>	Date: <u>9/11/2023</u>

Burton Flat Deep Unit 44 SWD

9-6-2023

nAPP2325041552

Spill Volume(Bbls) Calculator		
<i>Inputs in blue , Outputs in red</i>		
<i>Contaminated Soil measurement</i>		
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Barrels of Soil Impacted		<u>1.43</u>
Soil Type		Clay/Sand
Barrels of Oil Assuming 100% Saturation		<u>0.00</u>
Saturation	Fluid present when squeezed	
Estimated Barrels of Oil Released		0.00
Free Standing Fluid Only		
Length(Ft)	Width(Ft)	Depth(Ft)
<u>15</u>	<u>5.000</u>	<u>0.005</u>
Standing fluid		
Total fluids spilled		<u>1.430</u>

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

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

CONDITIONS

Action 263628

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 263628
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	9/11/2023

SAMPLING NOTIFICATIONS

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

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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

Action 309438

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 309438
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2325041552
Incident Name	NAPP2325041552 BURTON FLAT DEEP UNIT #044 @ 30-015-32274
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-015-32274] BURTON FLAT DEEP UNIT #044

Location of Release Source	
Site Name	BURTON FLAT DEEP UNIT #044
Date Release Discovered	09/06/2023
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	17,034
What is the estimated number of samples that will be gathered	98
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/01/2024
Time sampling will commence	10:00 AM
Please provide any information necessary for observers to contact samplers	Name: Ethan Sessums Phone: (432) 701-2159 Email: esessums@ntglobal.com (mailto:esessums@ntglobal.com)
Please provide any information necessary for navigation to sampling site	Please provide any information necessary for navigation to sampling site. 32.511707 3,-104.1806793

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
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811 S. First St., Artesia, NM 88210
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State of New Mexico
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CONDITIONS

Action 309438

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 309438
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
wdale	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	1/30/2024

District I
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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

Action 311213

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 311213
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2325041552
Incident Name	NAPP2325041552 BURTON FLAT DEEP UNIT #044 @ 30-015-32274
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-015-32274] BURTON FLAT DEEP UNIT #044

Location of Release Source	
Site Name	BURTON FLAT DEEP UNIT #044
Date Release Discovered	09/06/2023
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	1,000
What is the estimated number of samples that will be gathered	11
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/08/2024
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Contact: (NTG) 254-266-5456 Dmitry Nikanorov Project Scientist W: (575) 266-3562 P: (917) 497-6890 Dnikanorov@ntglobal.com
Please provide any information necessary for navigation to sampling site	32.5103097753, -104.176381919

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

CONDITIONS

Action 311213

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 311213
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
wdale	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	2/5/2024

District I
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Santa Fe, NM 87505

QUESTIONS

Action 313881

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 313881
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2325041552
Incident Name	NAPP2325041552 BURTON FLAT DEEP UNIT #044 @ 30-015-32274
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-015-32274] BURTON FLAT DEEP UNIT #044

Location of Release Source	
Site Name	BURTON FLAT DEEP UNIT #044
Date Release Discovered	09/06/2023
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	50
What is the estimated number of samples that will be gathered	1
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/16/2024
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Dmitry Nikanorov Project Scientist W: (575) 266-3562 P: (917) 497-6890 Dnikanorov@ntglobal.com
Please provide any information necessary for navigation to sampling site	32.5103097753, -104.176381919

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CONDITIONS

Action 313881

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 313881
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
wdale	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	2/13/2024

SITE CHARACTERIZATION INFORMATION

NMOCD Closure Criteria

Burton Flats Deep Unit 44

Site Information (19.15.29.11.A (2,3, & 4) NMAC)		Source/Notes
Depth to Groundwater (ft bgs)	14	Office of the State Engineer (OSE)
Horizontal Distance from All Water Sources Within 0.5 mile (ft)	1,400	National Wetlands Inventory (NWS) - wetland
Horizontal Distance to Nearest Significant Watercourse (ft)	1,400	National Wetlands Inventory (NWS) - wetland

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

* - numerical limit or background, whichever is greater

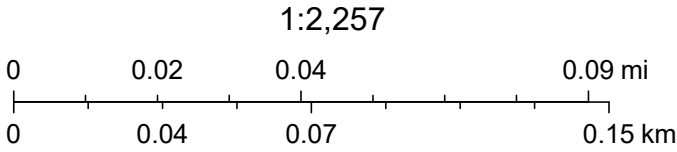
OCD Well Locations



11/7/2023, 4:35:49 PM

Wells - Large Scale Karst Occurrence Potential

- Oil, Cancelled
- Oil, Plugged
- High
- Authorized
- Oil and Gas Leasing Restrictions
- Oil and Gas Leases
- PLSS Second Division
- PLSS First Division



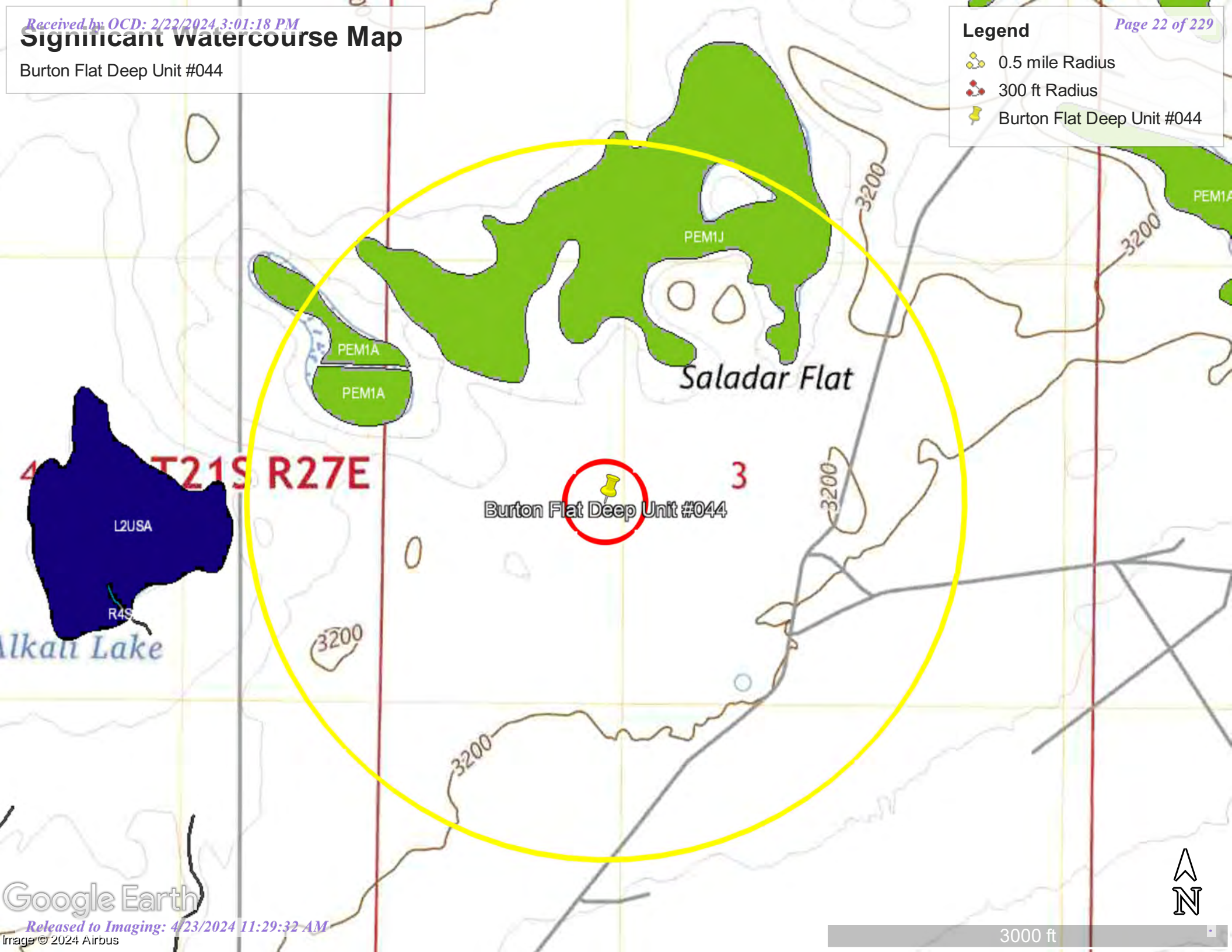
BLM, OCD, New Mexico Tech, Maxar, Microsoft, U.S. Department of Interior, Bureau of Land Management (BLM), Oil Conservation Division of the New Mexico Energy, Minerals and Natural Resources Department., USGS, OCD, Esri, HERE, Garmin, iPC, BLM

Significant Watercourse Map

Burton Flat Deep Unit #044

Legend

- 0.5 mile Radius
- 300 ft Radius
- Burton Flat Deep Unit #044



National Flood Hazard Layer FIRMMette



104°10'54"W 32°30'52"N



0 250 500 1,000 1,500 2,000 Feet

1:6,000

104°10'16"W 32°30'22"N

Released to Imaging: 4/23/2024 11:29:32 AM

Basemap Imagery Source: USGS National Map 2023

Legend

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

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

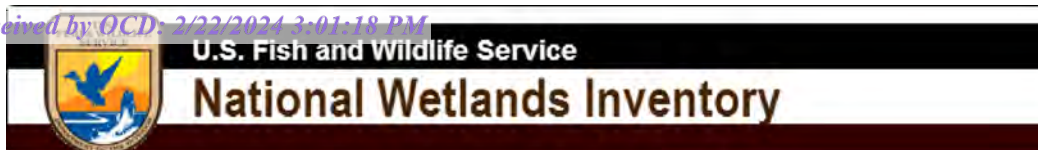


The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 11/8/2023 at 11:42 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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



Devon - Burton Flat Deep Unit 44



November 8, 2023

Wetlands

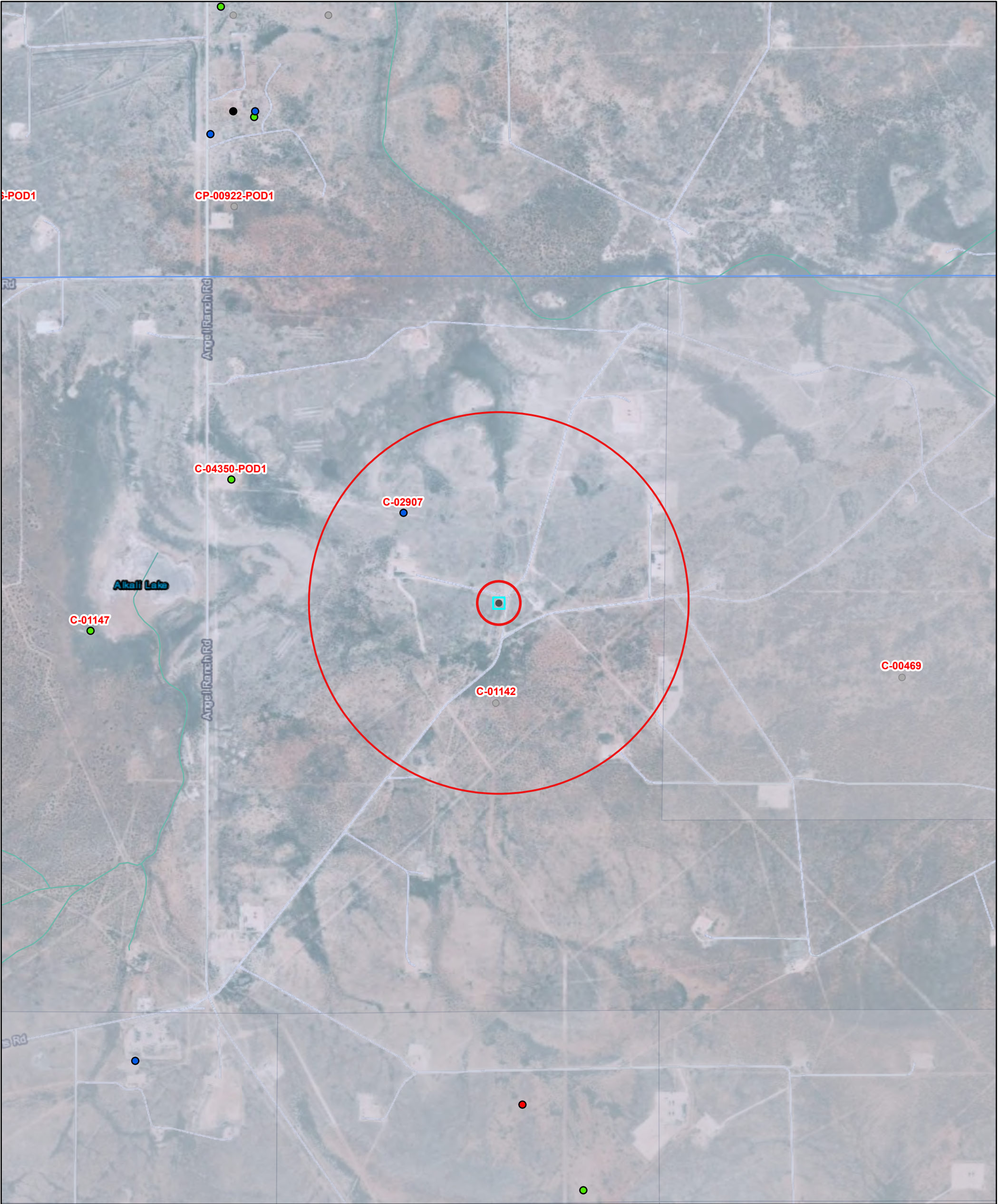
- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

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

- Lake
- Other
- Riverine

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

OSE POD Location Map



11/8/2023, 9:47:42 AM

Distance & Direction - Circle Graphics

- Override 1
- Override 2

GIS WATERS PODs

- Active
- Pending
- Inactive

Plugged

OSE District Boundary

Surface Water Basins

- Lower Pecos
- Declared Groundwater Basins

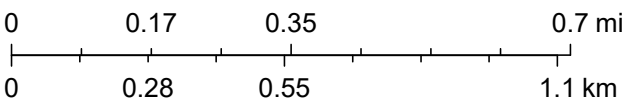
New Mexico State Trust Lands

Subsurface Estate

NHD Flowlines

- Artificial Path
- Connector
- Stream River

1:18,056



Esri, HERE, iPC, Esri, HERE, Garmin, iPC, Maxar

Revised June 1972

STATE ENGINEER OFFICE
WELL RECORD

472603

Section 1. GENERAL INFORMATION

(A) Owner of well Rita Nelson Owner's Well No. _____
Street or Post Office Address 1620 N. Guadalupe St.
City and State Carlsbad, NM 88220

Well was drilled under Permit No. C-2907 and is located in the:

- a. SW $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$ _____ $\frac{1}{4}$ of Section 30 Township 21S Range 27E N.M.P.M.
- b. Tract No. _____ of Map No. _____ of the _____
- c. Lot No. _____ of Block No. _____ of the _____
Subdivision, recorded in _____ County.
- d. X= _____ feet, Y= _____ feet, N.M. Coordinate System _____ Zone in
the _____ Grant.

(B) Drilling Contractor Taylor Water Well Service License No. WD-1348

Address 7317 Etcheverry Rd., Carlsbad, NM 88220

Drilling Began 1/29/03 Completed 1/29/03 Type tools Mud Rotary Size of hole 7 7/8 in.

Elevation of land surface or _____ at well is 3120 ft. Total depth of well 52 ft.

Completed well is ☒ shallow ☐ artesian. Depth to water upon completion of well 14 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet		Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
From	To			
35	52	17	Conglomerate+Cave	More Than 100

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet		Length (feet)	Type of Shoe	Perforations	
			Top	Bottom			From	To
5	Sch 40 Pvc		+1.5	52	53.5	Cap	25	52

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet		Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement
From	To				

Section 5. PLUGGING RECORD

Plugging Contractor _____
Address _____
Plugging Method _____
Date Well Plugged _____
Plugging approved by: _____
State Engineer Representative

No.	Depth in Feet		Cubic Feet of Cement
	Top	Bottom	
1			
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY

Date Received **Feb. 10, 2003**

Quad _____ FWL _____ FSL _____

File No. C-2907 Use Dom/Stk Location No. 21.27.30.123

Section 7. REMARKS AND ADDITIONAL INFORMATION

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1 and Section 5 need be completed.

TABLES

Table 1
Summary of Soil Analytical Data - Delineation Samples
Burton Flat Deep Unit 44
Devon Energy Production Company
Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C-10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
			Table I Closure Criteria for Soil 0-50 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg	600 mg/kg
Vertical Delineation Samples													
V-1	10/31/2023	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
	10/31/2023	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	6,320
	10/31/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	592
	10/31/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
	10/31/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
V-2	10/31/2023	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,880
	10/31/2023	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4,280
	10/31/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	9,000
	10/31/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,260
	10/31/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	368
V-3	10/31/2023	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
	10/31/2023	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
	10/31/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
	10/31/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
	10/31/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
V-4	10/31/2023	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
	10/31/2023	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
Horizontal Samples													
H-1	10/31/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
H-2	10/31/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
H-3	10/31/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
H-4	10/31/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
H-5	10/31/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
H-6	10/31/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
H-7	10/31/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
H-8	10/31/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
H-9	10/31/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0

Notes:

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

SP-1	Sample Point Excavated
------	------------------------

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

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

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

- Not Analyzed

Table 2
Summary of Soil Analytical Data - Confirmation Samples
Burton Flats Deep Unit #44
Devon Energy Production Company
Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total TPH (C6-C35)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Table 1 Closure Criteria for Soil 0-50 feet Depth to Groundwater 19.15.29 NMAC										
10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg	600 mg/kg			
Confirmation Base Samples													
CS-1	2/1/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
CS-2	2/1/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
CS-3	2/1/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320
CS-4	2/1/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
CS-5	2/1/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96
CS-6	2/1/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
CS-7	2/1/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,100
	2/8/2024	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96
CS-8	2/1/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	528
CS-9	2/1/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
CS-10	2/1/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
CS-11	2/1/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	288
CS-12	2/1/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
CS-13	2/1/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
CS-14	2/1/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
CS-15	2/1/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
CS-16	2/1/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
CS-17	2/1/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	368
CS-18	2/1/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	368
CS-19	2/1/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
CS-20	2/1/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	288
CS-21	2/1/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	544
CS-22	2/1/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
CS-23	2/1/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
CS-24	2/1/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
CS-25	2/1/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
CS-26	2/1/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	304
CS-27	2/1/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	960
	2/8/2024	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
CS-28	2/1/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272
CS-29	2/1/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96
CS-30	2/1/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192

Table 2
Summary of Soil Analytical Data - Confirmation Samples
Burton Flats Deep Unit #44
Devon Energy Production Company
Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total TPH (C6-C35)	(mg/kg)
			Table 1 Closure Criteria for Soil 0-50 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg	600 mg/kg
CS-31	2/1/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
CS-32	2/1/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96
CS-33	2/1/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
CS-34	2/1/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
CS-35	2/1/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
CS-36	2/1/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
CS-37	2/1/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
CS-38	2/1/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	624
	2/8/2024	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
CS-39	2/1/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320
CS-40	2/1/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	384
CS-41	2/1/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	368
CS-42	2/1/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
CS-43	2/1/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
CS-44	2/1/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
CS-45	2/1/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
CS-46	2/1/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272
CS-47	2/1/2024	3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
CS-48	2/1/2024	3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	288
CS-49	2/1/2024	3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	288
CS-50	2/1/2024	3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	304
CS-51	2/1/2024	3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	656
	2/8/2024	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
CS-52	2/1/2024	3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	448
CS-53	2/1/2024	3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
CS-54	2/1/2024	3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
CS-55	2/1/2024	3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
CS-56	2/1/2024	3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
CS-57	2/1/2024	3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
CS-58	2/1/2024	3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96
CS-59	2/1/2024	3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208
CS-60	2/1/2024	3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
CS-61	2/1/2024	3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	512

Table 2
Summary of Soil Analytical Data - Confirmation Samples
Burton Flats Deep Unit #44
Devon Energy Production Company
Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total TPH (C6-C35)	(mg/kg)
			Table 1 Closure Criteria for Soil 0-50 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg	600 mg/kg
CS-62	2/1/2024	3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	352
CS-63	2/1/2024	3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
CS-64	2/1/2024	3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96
CS-65	2/1/2024	3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
CS-66	2/1/2024	3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
CS-67	2/1/2024	3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
CS-68	2/1/2024	3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
CS-69	2/1/2024	3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96
CS-70	2/1/2024	3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	352
CS-71	2/1/2024	3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
CS-72	2/1/2024	3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
CS-73	2/1/2024	3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
CS-74	2/1/2024	3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
CS-75	2/1/2024	3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
CS-76	2/1/2024	3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
CS-77	2/1/2024	3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
CS-78	2/1/2024	3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
CS-79	2/1/2024	3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
CS-80	2/1/2024	3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
CS-81	2/1/2024	3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272
CS-82	2/1/2024	3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
CS-83	2/1/2024	3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
CS-84	2/1/2024	3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208
CS-85	2/1/2024	3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
CS-86	2/1/2024	3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	848
	2/8/2024	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96
Confirmation Sidewall Samples													
SW-1	2/1/2024	0-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
SW-2	2/1/2024	0-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
SW-3	2/1/2024	0-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
SW-4	2/1/2024	0-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208
SW-5	2/1/2024	0-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
SW-6	2/1/2024	0-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224

Table 2
Summary of Soil Analytical Data - Confirmation Samples
Burton Flats Deep Unit #44
Devon Energy Production Company
Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total TPH (C6-C35)	(mg/kg)
			Table I Closure Criteria for Soil 0-50 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg	600 mg/kg
SW-7	2/1/2024	0-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
SW-8	2/1/2024	0-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
SW-9	2/1/2024	0-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
SW-10	2/1/2024	2-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
SW-11	2/1/2024	2-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	432
SW-12	2/1/2024	2-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	416
SW-13	2/8/2024	2-3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
SW-14	2/8/2024	2-3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272
SW-15	2/8/2024	2-3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
SW-16	2/8/2024	2-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1360
SW-16A	2/16/2024	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96
SW-17	2/8/2024	2-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
SW-18	2/8/2024	3.5-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
SW-19	2/8/2024	3.5-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128

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

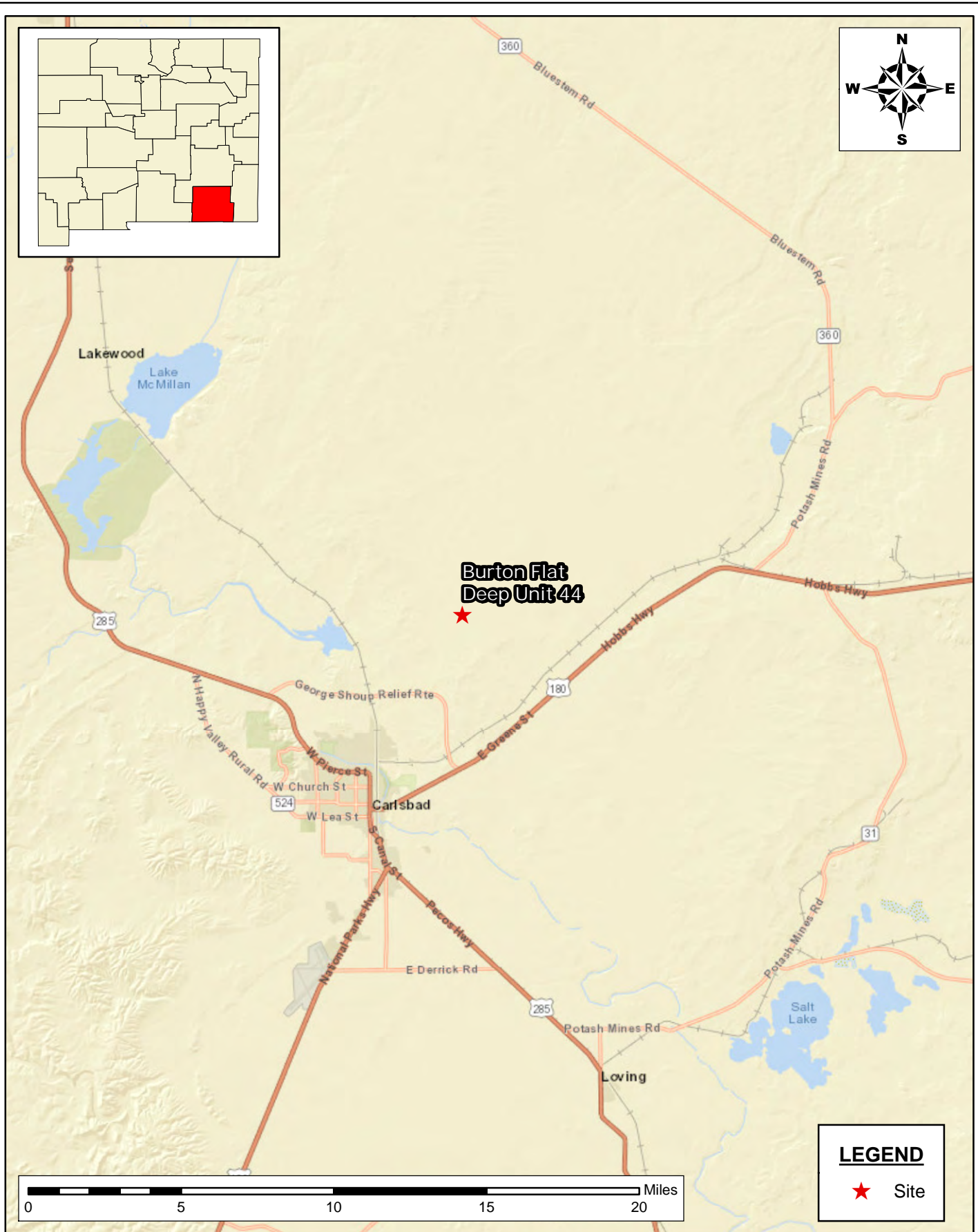
7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table I Closure Criteria for the site.

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

FIGURES

Document Path: C:\Users\ntg\Documents\2023 PROJECTS\DEVONRSC\237289 - Burton Flat Deep unit 44\7 - Figures\GIS\Figure_1_SL.mxd



SITE LOCATION MAP
 CLOSURE REPORT
 DEVON ENERGY PRODUCTION COMPANY
 BURTON FLAT DEEP UNIT 44
 EDDY COUNTY, NEW MEXICO

SCALE: As Shown Date: 11/7/2023 PROJECT #: 237289

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



NOTES:

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

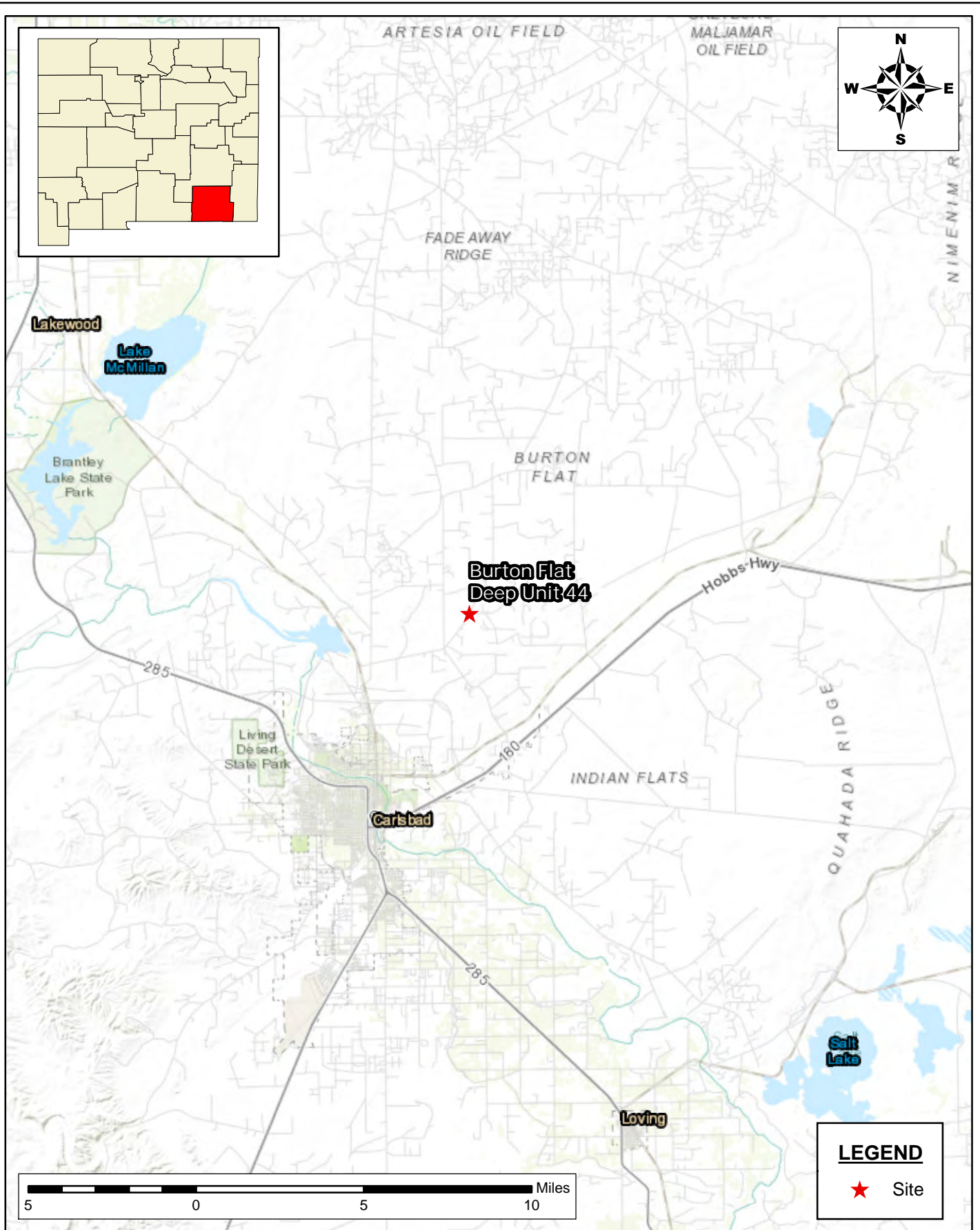
DRAWING NUMBER:

FIGURE 1

SHEET NUMBER:

1 of 1

Document Path: C:\Users\ntg\Documents\2023 PROJECTS\DEVON\RSC\237289 - Burton Flat Deep unit 44\7 - Figures\GIS\Figure_2_.mxd



**TOPOGRAPHIC MAP
CLOSURE REPORT
DEVON ENERGY PRODUCTION COMPANY
BURTON FLAT DEEP UNIT 44
EDDY COUNTY, NEW MEXICO**

SCALE: As Shown Date: 11/7/2023 PROJECT #: 237289



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

NOTES:

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

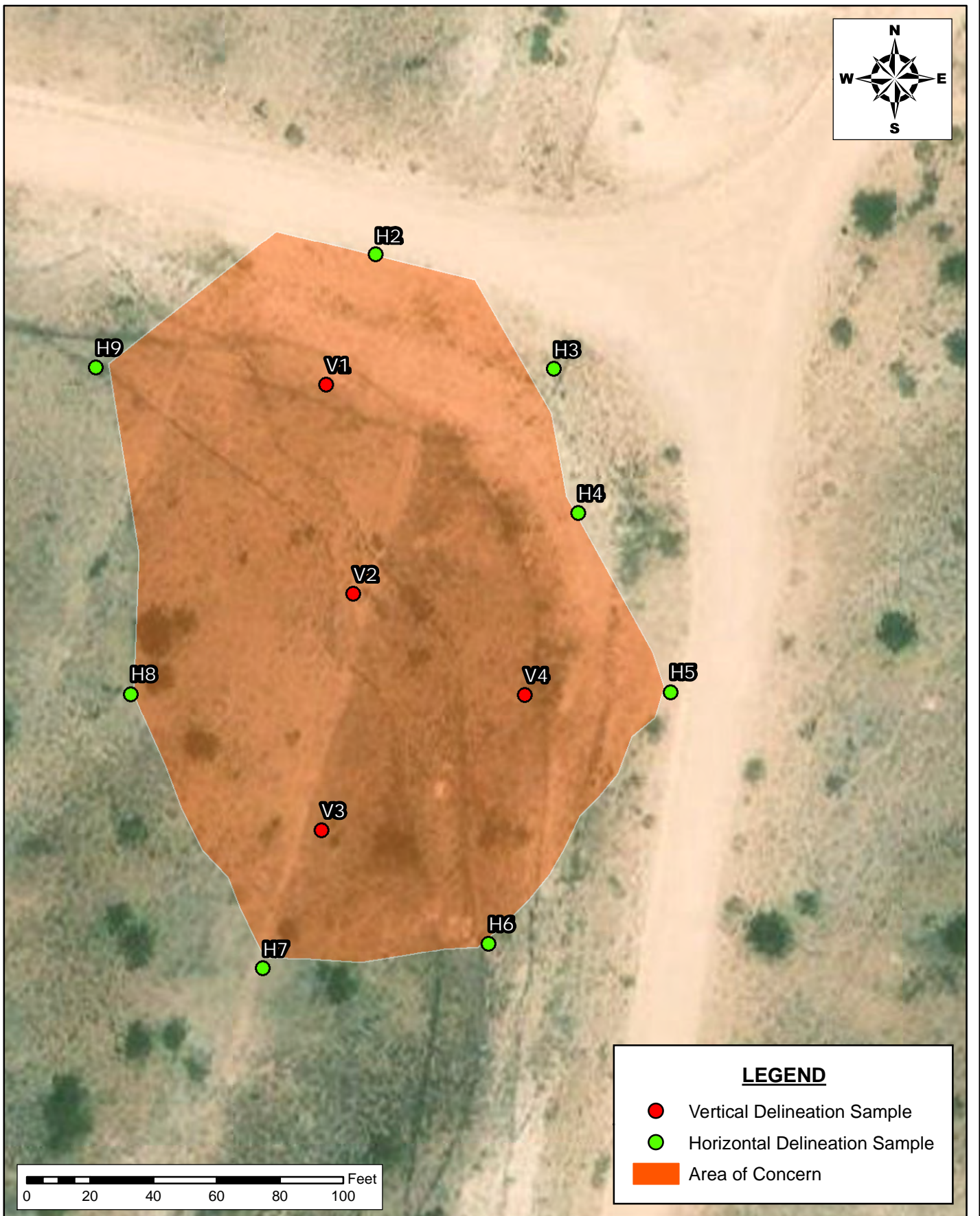
DRAWING NUMBER:

FIGURE 2

SHEET NUMBER:

1 of 1

Document Path: C:\Users\ntgegis\New Tech Global\NTGE - Documents\2023 PROJECTS\DEVON\RSC\237289 - Burton Flat Deep unit 44\7- Figures\GIS\Figure_3_SA.mxd



INITIAL ASSESSMENT CLOSURE REPORT DEVON ENERGY PRODUCTION COMPANY BURTON FLAT DEEP UNIT 44 EDDY COUNTY, NEW MEXICO		
SCALE: As Shown	Date: 11/8/2023	PROJECT #: 237289

The logo for NTG Environmental, featuring a circular emblem with a stylized globe and the letters 'NTG' in large blue font, with 'Environmental' in smaller blue text below it.

New Tech Global Environmental, LLC
911 Regional Park Drive
Houston, Texas 77060

T - 281.872.9300

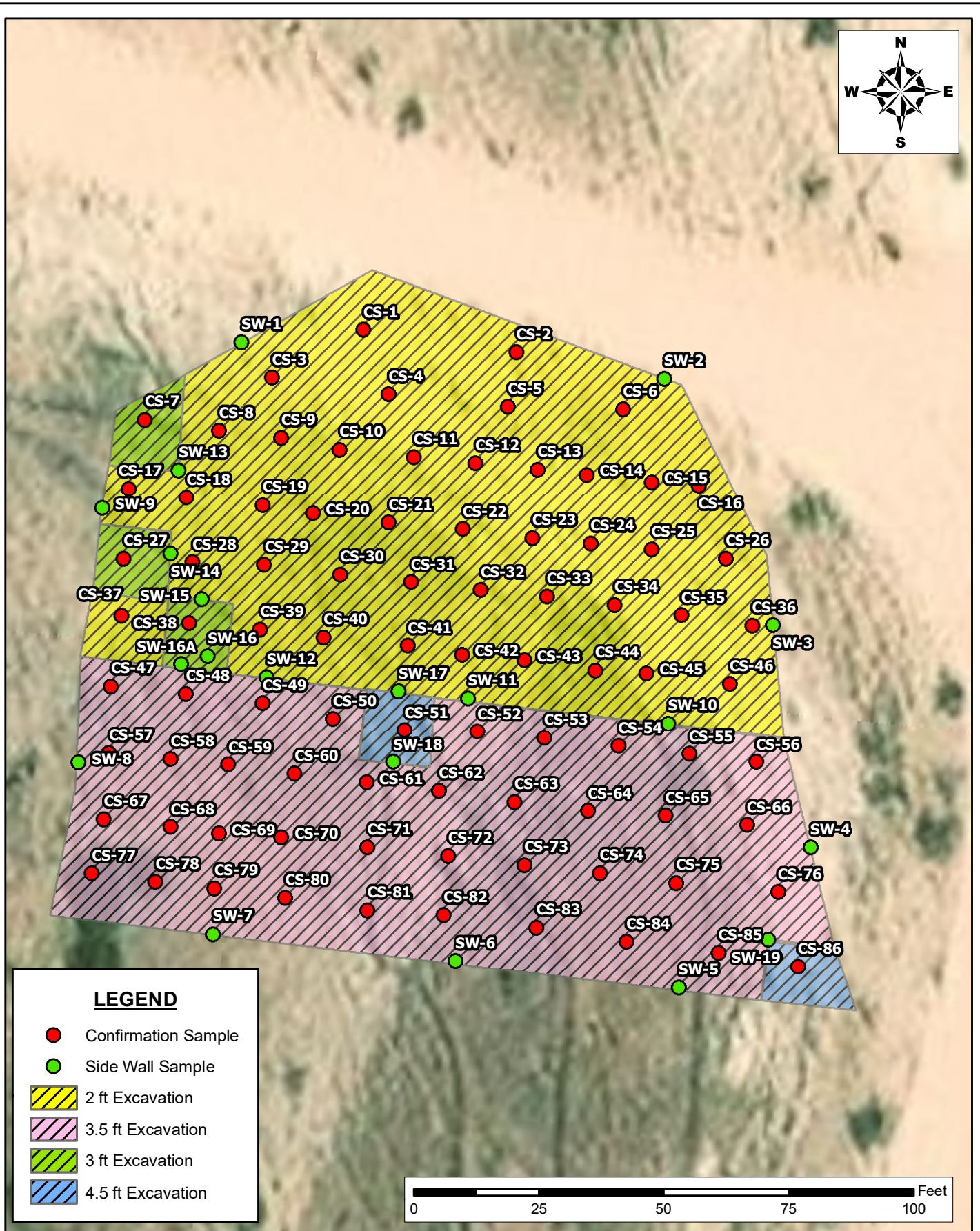
F - 281.872.4521

Web: www.ntgenviroinmental.com

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

DRAWING NUMBER:
FIGURE 3A
SHEET NUMBER:
1 of 1

Document Path: C:\Users\ntge\New Tech Global\NTGE - Documents\2024 PROJECTS\DEVON\IRSC\237289 - Burton Flat Deep unit 4417- Figures\GIS\Figure_4_Closure Map.mxd



CONFIRMATION SAMPLING MAP
 CLOSURE REPORT
 BURTON FLAT DEEP UNIT #044
 DEVON ENERGY PRODUCTION COMPANY
 EDDY COUNTY, NEW MEXICO

SCALE: AS SHOWN DATE: 02/15/2024 PROJECT #: 237289



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

NOTES:

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

DRAWING NUMBER:

FIGURE 4

SHEET NUMBER:

1 of 1

PHOTOGRAPHIC LOG

PHOTOGRAPHIC LOG

Devon Energy Production Company

Photograph No. 1

Facility: Burton Flat Deep Unit 44

County: Eddy County, New Mexico

Description:
Area of concern.

**Photograph No. 2**

Facility: Burton Flat Deep Unit 44

County: Eddy County, New Mexico

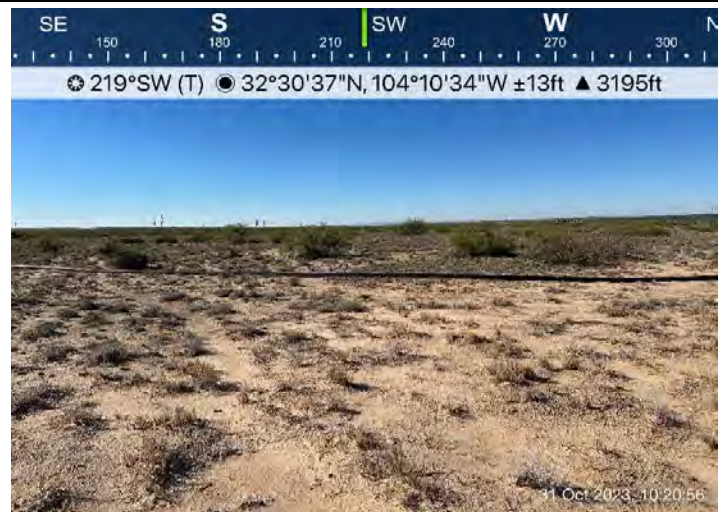
Description:
Area of concern.

**Photograph No. 3**

Facility: Burton Flat Deep Unit 44

County: Eddy County, New Mexico

Description:
Area of concern.



PHOTOGRAPHIC LOG

Devon Energy Production Company

Photograph No. 4

Facility: Burton Flat Deep Unit 44

County: Eddy County, New Mexico

Description:
Area of concern.

**Photograph No. 5**

Facility: Burton Flat Deep Unit 44

County: Eddy County, New Mexico

Description:
Area of concern.

**Photograph No. 6**

Facility: Burton Flat Deep Unit 44

County: Eddy County, New Mexico

Description:
Area of concern.



PHOTOGRAPHIC LOG

Devon Energy Production Company

Photograph No. 7

Facility: Burton Flat Deep Unit 44

County: Eddy County, New Mexico

Description:
View of the excavation.

**Photograph No. 8**

Facility: Burton Flat Deep Unit 44

County: Eddy County, New Mexico

Description:
View of the excavation.

**Photograph No. 9**

Facility: Burton Flat Deep Unit 44

County: Eddy County, New Mexico

Description:
View of the excavation.



PHOTOGRAPHIC LOG

Devon Energy Production Company

Photograph No. 10

Facility: Burton Flat Deep Unit 44

County: Eddy County, New Mexico

Description:
View of the excavation.

**Photograph No. 11**

Facility: Burton Flat Deep Unit 44

County: Eddy County, New Mexico

Description:
View of the excavation.

**Photograph No. 12**

Facility: Burton Flat Deep Unit 44

County: Eddy County, New Mexico

Description:
View of the excavation.



PHOTOGRAPHIC LOG

Devon Energy Production Company

Photograph No. 13

Facility: Burton Flat Deep Unit 44

County: Eddy County, New Mexico

Description:
View of the excavation.

**Photograph No. 14**

Facility: Burton Flat Deep Unit 44

County: Eddy County, New Mexico

Description:
View of the excavation.

**Photograph No. 15**

Facility: Burton Flat Deep Unit 44

County: Eddy County, New Mexico

Description:
View of the excavation.



PHOTOGRAPHIC LOG

Devon Energy Production Company

Photograph No. 16

Facility: Burton Flat Deep Unit 44

County: Eddy County, New Mexico

Description:
View of the excavation.

**Photograph No. 17**

Facility: Burton Flat Deep Unit 44

County: Eddy County, New Mexico

Description:
View of the excavation.

**Photograph No. 18**

Facility: Burton Flat Deep Unit 44

County: Eddy County, New Mexico

Description:
View of the excavation.



PHOTOGRAPHIC LOG

Devon Energy Production Company

Photograph No. 19

Facility: Burton Flat Deep Unit 44

County: Eddy County, New Mexico

Description:
View of the excavation.

**Photograph No. 20**

Facility: Burton Flat Deep Unit 44

County: Eddy County, New Mexico

Description:
View of the excavation.

**Photograph No. 21**

Facility: Burton Flat Deep Unit 44

County: Eddy County, New Mexico

Description:
View of the excavation.



LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS

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

February 22, 2024

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: BURTON FLAT DEEP UNIT 44 SWD

Enclosed are the results of analyses for samples received by the laboratory on 10/31/23 15:25.

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

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

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

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

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

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

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is fluid and cursive, with the first name "Celey" being more prominent.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BURTON FLAT DEEP UNIT 44 SWD
Project Number: 237284
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
22-Feb-24 13:39

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
H1 (0-6")	H235966-01	Soil	31-Oct-23 10:41	31-Oct-23 15:25
H2 (0-6")	H235966-02	Soil	31-Oct-23 10:44	31-Oct-23 15:25
H3 (0-6")	H235966-03	Soil	31-Oct-23 10:47	31-Oct-23 15:25
H4 (0-6")	H235966-04	Soil	31-Oct-23 10:51	31-Oct-23 15:25
H5 (0-6")	H235966-05	Soil	31-Oct-23 10:53	31-Oct-23 15:25
H6 (0-6")	H235966-06	Soil	31-Oct-23 10:58	31-Oct-23 15:25
H7 (0-6")	H235966-07	Soil	31-Oct-23 10:59	31-Oct-23 15:25
H8 (0-6")	H235966-08	Soil	31-Oct-23 11:03	31-Oct-23 15:25
H9 (0-6")	H235966-09	Soil	31-Oct-23 11:05	31-Oct-23 15:25
V1 (SURFACE)	H235966-10	Soil	31-Oct-23 11:08	31-Oct-23 15:25
V1 (1')	H235966-11	Soil	31-Oct-23 11:10	31-Oct-23 15:25
V1 (2')	H235966-12	Soil	31-Oct-23 11:12	31-Oct-23 15:25
V1 (3')	H235966-13	Soil	31-Oct-23 11:15	31-Oct-23 15:25
V1 (4')	H235966-14	Soil	31-Oct-23 11:18	31-Oct-23 15:25
V2 (SURFACE)	H235966-15	Soil	31-Oct-23 11:21	31-Oct-23 15:25
V2 (1')	H235966-16	Soil	31-Oct-23 11:25	31-Oct-23 15:25
V2 (2')	H235966-17	Soil	31-Oct-23 11:28	31-Oct-23 15:25
V2 (3')	H235966-18	Soil	31-Oct-23 11:31	31-Oct-23 15:25
V2 (4')	H235966-19	Soil	31-Oct-23 11:33	31-Oct-23 15:25
V3 (SURFACE)	H235966-20	Soil	31-Oct-23 11:40	31-Oct-23 15:25
V3 (1')	H235966-21	Soil	31-Oct-23 11:42	31-Oct-23 15:25
V3 (2')	H235966-22	Soil	31-Oct-23 11:47	31-Oct-23 15:25
V3 (3')	H235966-23	Soil	31-Oct-23 11:50	31-Oct-23 15:25
V3 (4')	H235966-24	Soil	31-Oct-23 11:52	31-Oct-23 15:25
V4 (SURFACE)	H235966-25	Soil	31-Oct-23 11:56	31-Oct-23 15:25
V4 (1')	H235966-26	Soil	31-Oct-23 12:00	31-Oct-23 15:25

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BURTON FLAT DEEP UNIT 44 SWD
Project Number: 237284
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
22-Feb-24 13:39

02/22/24 - Client changed the sample IDs (see COC). This is the revised report and will replace the one sent on 11/06/23.

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A handwritten signature in cursive script, reading "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BURTON FLAT DEEP UNIT 44 SWD
Project Number: 237284
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
22-Feb-24 13:39

H1 (0-6")
H235966-01 (Soil)

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

Chloride	<16.0		16.0	mg/kg	4	3110604	AC	06-Nov-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3110207	JH/	03-Nov-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3110207	JH/	03-Nov-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3110207	JH/	03-Nov-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3110207	JH/	03-Nov-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3110207	JH/	03-Nov-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134 3110207 JH/ 03-Nov-23 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3110123	MS	02-Nov-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3110123	MS	02-Nov-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3110123	MS	02-Nov-23	8015B	

Surrogate: 1-Chlorooctane 87.3 % 48.2-134 3110123 MS 02-Nov-23 8015B

Surrogate: 1-Chlorooctadecane 92.4 % 49.1-148 3110123 MS 02-Nov-23 8015B

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: BURTON FLAT DEEP UNIT 44 SWD
Project Number: 237284
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
22-Feb-24 13:39

H2 (0-6")
H235966-02 (Soil)

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

Chloride	32.0		16.0	mg/kg	4	3110604	AC	06-Nov-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3110207	JH/	03-Nov-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3110207	JH/	03-Nov-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3110207	JH/	03-Nov-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3110207	JH/	03-Nov-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3110207	JH/	03-Nov-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			102 %	71.5-134		3110207	JH/	03-Nov-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3110123	MS	02-Nov-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3110123	MS	02-Nov-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3110123	MS	02-Nov-23	8015B	

Surrogate: 1-Chlorooctane			91.9 %	48.2-134		3110123	MS	02-Nov-23	8015B	
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Surrogate: 1-Chlorooctadecane			99.2 %	49.1-148		3110123	MS	02-Nov-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BURTON FLAT DEEP UNIT 44 SWD
Project Number: 237284
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
22-Feb-24 13:39

H3 (0-6")
H235966-03 (Soil)

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

Chloride	32.0		16.0	mg/kg	4	3110604	AC	06-Nov-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3110207	JH/	03-Nov-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3110207	JH/	03-Nov-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3110207	JH/	03-Nov-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3110207	JH/	03-Nov-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3110207	JH/	03-Nov-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			98.3 %		71.5-134	3110207	JH/	03-Nov-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3110123	MS	02-Nov-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3110123	MS	02-Nov-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3110123	MS	02-Nov-23	8015B	

Surrogate: 1-Chlorooctane			94.1 %		48.2-134	3110123	MS	02-Nov-23	8015B	
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Surrogate: 1-Chlorooctadecane			101 %		49.1-148	3110123	MS	02-Nov-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: BURTON FLAT DEEP UNIT 44 SWD
Project Number: 237284
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
22-Feb-24 13:39

H4 (0-6")
H235966-04 (Soil)

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

Chloride	16.0		16.0	mg/kg	4	3110604	AC	06-Nov-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3110208	JH/	03-Nov-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134 3110208 JH/ 03-Nov-23 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3110123	MS	02-Nov-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3110123	MS	02-Nov-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3110123	MS	02-Nov-23	8015B	

Surrogate: 1-Chlorooctane 81.6 % 48.2-134 3110123 MS 02-Nov-23 8015B

Surrogate: 1-Chlorooctadecane 87.6 % 49.1-148 3110123 MS 02-Nov-23 8015B

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BURTON FLAT DEEP UNIT 44 SWD
Project Number: 237284
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
22-Feb-24 13:39

H5 (0-6")
H235966-05 (Soil)

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

Chloride	<16.0		16.0	mg/kg	4	3110604	AC	06-Nov-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3110208	JH/	03-Nov-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			115 %		71.5-134	3110208	JH/	03-Nov-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3110123	MS	02-Nov-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3110123	MS	02-Nov-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3110123	MS	02-Nov-23	8015B	

Surrogate: 1-Chlorooctane			102 %		48.2-134	3110123	MS	02-Nov-23	8015B	
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Surrogate: 1-Chlorooctadecane			107 %		49.1-148	3110123	MS	02-Nov-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BURTON FLAT DEEP UNIT 44 SWD
Project Number: 237284
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
22-Feb-24 13:39

H6 (0-6")
H235966-06 (Soil)

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

Chloride	<16.0		16.0	mg/kg	4	3110604	AC	06-Nov-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3110208	JH/	03-Nov-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			114 %		71.5-134	3110208	JH/	03-Nov-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3110123	MS	02-Nov-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3110123	MS	02-Nov-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3110123	MS	02-Nov-23	8015B	

Surrogate: 1-Chlorooctane			86.5 %		48.2-134	3110123	MS	02-Nov-23	8015B	
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Surrogate: 1-Chlorooctadecane			92.4 %		49.1-148	3110123	MS	02-Nov-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BURTON FLAT DEEP UNIT 44 SWD
Project Number: 237284
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
22-Feb-24 13:39

H7 (0-6")
H235966-07 (Soil)

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

Chloride	<16.0		16.0	mg/kg	4	3110604	AC	06-Nov-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3110208	JH/	03-Nov-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			114 %		71.5-134	3110208	JH/	03-Nov-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3110123	MS	03-Nov-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3110123	MS	03-Nov-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3110123	MS	03-Nov-23	8015B	

Surrogate: 1-Chlorooctane			90.7 %		48.2-134	3110123	MS	03-Nov-23	8015B	
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Surrogate: 1-Chlorooctadecane			97.7 %		49.1-148	3110123	MS	03-Nov-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BURTON FLAT DEEP UNIT 44 SWD
Project Number: 237284
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
22-Feb-24 13:39

H8 (0-6")
H235966-08 (Soil)

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

Chloride	<16.0		16.0	mg/kg	4	3110604	AC	06-Nov-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3110208	JH/	03-Nov-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			114 %		71.5-134	3110208	JH/	03-Nov-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3110123	MS	03-Nov-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3110123	MS	03-Nov-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3110123	MS	03-Nov-23	8015B	

Surrogate: 1-Chlorooctane			96.8 %		48.2-134	3110123	MS	03-Nov-23	8015B	
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Surrogate: 1-Chlorooctadecane			103 %		49.1-148	3110123	MS	03-Nov-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BURTON FLAT DEEP UNIT 44 SWD
Project Number: 237284
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
22-Feb-24 13:39

H9 (0-6")
H235966-09 (Soil)

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

Chloride	<16.0		16.0	mg/kg	4	3110604	AC	06-Nov-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3110208	JH/	03-Nov-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			113 %	71.5-134		3110208	JH/	03-Nov-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3110123	MS	03-Nov-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3110123	MS	03-Nov-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3110123	MS	03-Nov-23	8015B	

Surrogate: 1-Chlorooctane			91.4 %	48.2-134		3110123	MS	03-Nov-23	8015B	
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Surrogate: 1-Chlorooctadecane			97.4 %	49.1-148		3110123	MS	03-Nov-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BURTON FLAT DEEP UNIT 44 SWD
Project Number: 237284
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
22-Feb-24 13:39

V1 (SURFACE)**H235966-10 (Soil)**

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

Chloride	112		16.0	mg/kg	4	3110604	AC	06-Nov-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3110208	JH/	03-Nov-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			115 %		71.5-134	3110208	JH/	03-Nov-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3110123	MS	03-Nov-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3110123	MS	03-Nov-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3110123	MS	03-Nov-23	8015B	

Surrogate: 1-Chlorooctane			92.5 %		48.2-134	3110123	MS	03-Nov-23	8015B	
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Surrogate: 1-Chlorooctadecane			98.0 %		49.1-148	3110123	MS	03-Nov-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BURTON FLAT DEEP UNIT 44 SWD
Project Number: 237284
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
22-Feb-24 13:39

V1 (1')
H235966-11 (Soil)

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

Chloride	6320		16.0	mg/kg	4	3110604	AC	06-Nov-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3110208	JH/	03-Nov-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			112 %		71.5-134	3110208	JH/	03-Nov-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3110123	MS	03-Nov-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3110123	MS	03-Nov-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3110123	MS	03-Nov-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			97.1 %		48.2-134	3110123	MS	03-Nov-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			102 %		49.1-148	3110123	MS	03-Nov-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BURTON FLAT DEEP UNIT 44 SWD
Project Number: 237284
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
22-Feb-24 13:39

V1 (2')
H235966-12 (Soil)

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

Chloride	592		16.0	mg/kg	4	3110604	AC	06-Nov-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3110208	JH/	03-Nov-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			114 %		71.5-134	3110208	JH/	03-Nov-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3110123	MS	03-Nov-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3110123	MS	03-Nov-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3110123	MS	03-Nov-23	8015B	

Surrogate: 1-Chlorooctane			85.4 %		48.2-134	3110123	MS	03-Nov-23	8015B	
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Surrogate: 1-Chlorooctadecane			89.6 %		49.1-148	3110123	MS	03-Nov-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: BURTON FLAT DEEP UNIT 44 SWD
Project Number: 237284
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
22-Feb-24 13:39

V1 (3')
H235966-13 (Soil)

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

Chloride	160		16.0	mg/kg	4	3110604	AC	06-Nov-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3110208	JH/	03-Nov-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			114 %		71.5-134	3110208	JH/	03-Nov-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3110125	MS	03-Nov-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3110125	MS	03-Nov-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3110125	MS	03-Nov-23	8015B	

Surrogate: 1-Chlorooctane			92.2 %		48.2-134	3110125	MS	03-Nov-23	8015B	
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Surrogate: 1-Chlorooctadecane			107 %		49.1-148	3110125	MS	03-Nov-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: BURTON FLAT DEEP UNIT 44 SWD
Project Number: 237284
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
22-Feb-24 13:39

V1 (4')
H235966-14 (Soil)

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

Chloride	192		16.0	mg/kg	4	3110604	AC	06-Nov-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3110208	JH/	03-Nov-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			113 %		71.5-134	3110208	JH/	03-Nov-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3110125	MS	03-Nov-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3110125	MS	03-Nov-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3110125	MS	03-Nov-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			79.8 %		48.2-134	3110125	MS	03-Nov-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			92.0 %		49.1-148	3110125	MS	03-Nov-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: BURTON FLAT DEEP UNIT 44 SWD
Project Number: 237284
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
22-Feb-24 13:39

V2 (SURFACE)**H235966-15 (Soil)**

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

Chloride	2880		16.0	mg/kg	4	3110604	AC	06-Nov-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3110208	JH/	03-Nov-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			113 %		71.5-134	3110208	JH/	03-Nov-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3110125	MS	03-Nov-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3110125	MS	03-Nov-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3110125	MS	03-Nov-23	8015B	

Surrogate: 1-Chlorooctane			92.9 %		48.2-134	3110125	MS	03-Nov-23	8015B	
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Surrogate: 1-Chlorooctadecane			109 %		49.1-148	3110125	MS	03-Nov-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BURTON FLAT DEEP UNIT 44 SWD
Project Number: 237284
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
22-Feb-24 13:39

V2 (1')
H235966-16 (Soil)

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

Chloride	4280		16.0	mg/kg	4	3110604	AC	06-Nov-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3110208	JH/	03-Nov-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			113 %		71.5-134	3110208	JH/	03-Nov-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3110125	MS	03-Nov-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3110125	MS	03-Nov-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3110125	MS	03-Nov-23	8015B	

Surrogate: 1-Chlorooctane			86.9 %		48.2-134	3110125	MS	03-Nov-23	8015B	
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Surrogate: 1-Chlorooctadecane			99.4 %		49.1-148	3110125	MS	03-Nov-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BURTON FLAT DEEP UNIT 44 SWD
Project Number: 237284
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
22-Feb-24 13:39

V2 (2')**H235966-17 (Soil)**

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

Chloride	9000		16.0	mg/kg	4	3110604	AC	06-Nov-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3110208	JH/	03-Nov-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			111 %		71.5-134	3110208	JH/	03-Nov-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3110120	MS	03-Nov-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3110120	MS	03-Nov-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3110120	MS	03-Nov-23	8015B	

Surrogate: 1-Chlorooctane			85.3 %		48.2-134	3110120	MS	03-Nov-23	8015B	
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Surrogate: 1-Chlorooctadecane			90.5 %		49.1-148	3110120	MS	03-Nov-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BURTON FLAT DEEP UNIT 44 SWD
Project Number: 237284
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
22-Feb-24 13:39

V2 (3')
H235966-18 (Soil)

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

Chloride	1260		16.0	mg/kg	4	3110604	AC	06-Nov-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3110208	JH/	03-Nov-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			115 %		71.5-134	3110208	JH/	03-Nov-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3110120	MS	03-Nov-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3110120	MS	03-Nov-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3110120	MS	03-Nov-23	8015B	

Surrogate: 1-Chlorooctane			83.9 %		48.2-134	3110120	MS	03-Nov-23	8015B	
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Surrogate: 1-Chlorooctadecane			89.0 %		49.1-148	3110120	MS	03-Nov-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: BURTON FLAT DEEP UNIT 44 SWD
Project Number: 237284
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
22-Feb-24 13:39

V2 (4')
H235966-19 (Soil)

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

Chloride	368		16.0	mg/kg	4	3110317	AC	06-Nov-23	4500-Cl-B	QM-07
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3110208	JH/	03-Nov-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134 3110208 JH/ 03-Nov-23 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3110120	MS	03-Nov-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3110120	MS	03-Nov-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3110120	MS	03-Nov-23	8015B	

Surrogate: 1-Chlorooctane 89.1 % 48.2-134 3110120 MS 03-Nov-23 8015B

Surrogate: 1-Chlorooctadecane 94.3 % 49.1-148 3110120 MS 03-Nov-23 8015B

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: BURTON FLAT DEEP UNIT 44 SWD
Project Number: 237284
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
22-Feb-24 13:39

V3 (SURFACE)**H235966-20 (Soil)**

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

Chloride	32.0		16.0	mg/kg	4	3110317	AC	06-Nov-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3110208	JH/	03-Nov-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			114 %		71.5-134	3110208	JH/	03-Nov-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3110120	MS	03-Nov-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3110120	MS	03-Nov-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3110120	MS	03-Nov-23	8015B	

Surrogate: 1-Chlorooctane			96.0 %		48.2-134	3110120	MS	03-Nov-23	8015B	
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Surrogate: 1-Chlorooctadecane			102 %		49.1-148	3110120	MS	03-Nov-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BURTON FLAT DEEP UNIT 44 SWD
Project Number: 237284
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
22-Feb-24 13:39

V3 (1')**H235966-21 (Soil)**

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

Chloride	32.0		16.0	mg/kg	4	3110317	AC	06-Nov-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3110208	JH/	03-Nov-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			112 %		71.5-134	3110208	JH/	03-Nov-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3110120	MS	03-Nov-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3110120	MS	03-Nov-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3110120	MS	03-Nov-23	8015B	

Surrogate: 1-Chlorooctane			96.0 %		48.2-134	3110120	MS	03-Nov-23	8015B	
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Surrogate: 1-Chlorooctadecane			101 %		49.1-148	3110120	MS	03-Nov-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: BURTON FLAT DEEP UNIT 44 SWD
Project Number: 237284
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
22-Feb-24 13:39

V3 (2')**H235966-22 (Soil)**

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

Chloride	192		16.0	mg/kg	4	3110317	AC	06-Nov-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3110208	JH/	03-Nov-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			112 %		71.5-134	3110208	JH/	03-Nov-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3110120	MS	03-Nov-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3110120	MS	03-Nov-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3110120	MS	03-Nov-23	8015B	

Surrogate: 1-Chlorooctane			92.0 %		48.2-134	3110120	MS	03-Nov-23	8015B	
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Surrogate: 1-Chlorooctadecane			96.1 %		49.1-148	3110120	MS	03-Nov-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: BURTON FLAT DEEP UNIT 44 SWD
Project Number: 237284
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
22-Feb-24 13:39

V3 (3')**H235966-23 (Soil)**

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

Chloride	176		16.0	mg/kg	4	3110317	AC	06-Nov-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3110208	JH/	03-Nov-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3110208	JH/	03-Nov-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			113 %		71.5-134	3110208	JH/	03-Nov-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3110120	MS	03-Nov-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3110120	MS	03-Nov-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3110120	MS	03-Nov-23	8015B	

Surrogate: 1-Chlorooctane			92.2 %		48.2-134	3110120	MS	03-Nov-23	8015B	
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Surrogate: 1-Chlorooctadecane			97.9 %		49.1-148	3110120	MS	03-Nov-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BURTON FLAT DEEP UNIT 44 SWD
Project Number: 237284
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
22-Feb-24 13:39

V3 (4')
H235966-24 (Soil)

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

Chloride	144		16.0	mg/kg	4	3110317	AC	06-Nov-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3110224	JH	03-Nov-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3110224	JH	03-Nov-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3110224	JH	03-Nov-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3110224	JH	03-Nov-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3110224	JH	03-Nov-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			101 %	71.5-134		3110224	JH	03-Nov-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3110120	MS	03-Nov-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3110120	MS	03-Nov-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3110120	MS	03-Nov-23	8015B	

Surrogate: 1-Chlorooctane			94.6 %	48.2-134		3110120	MS	03-Nov-23	8015B	
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Surrogate: 1-Chlorooctadecane			100 %	49.1-148		3110120	MS	03-Nov-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BURTON FLAT DEEP UNIT 44 SWD
Project Number: 237284
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
22-Feb-24 13:39

V4 (SURFACE)**H235966-25 (Soil)**

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

Chloride	48.0		16.0	mg/kg	4	3110317	AC	06-Nov-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3110224	JH	03-Nov-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3110224	JH	03-Nov-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3110224	JH	03-Nov-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3110224	JH	03-Nov-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3110224	JH	03-Nov-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			102 %	71.5-134		3110224	JH	03-Nov-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3110120	MS	03-Nov-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3110120	MS	03-Nov-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3110120	MS	03-Nov-23	8015B	

Surrogate: 1-Chlorooctane			98.8 %	48.2-134		3110120	MS	03-Nov-23	8015B	
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Surrogate: 1-Chlorooctadecane			104 %	49.1-148		3110120	MS	03-Nov-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: BURTON FLAT DEEP UNIT 44 SWD
Project Number: 237284
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
22-Feb-24 13:39

V4 (1')**H235966-26 (Soil)**

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

Chloride	32.0		16.0	mg/kg	4	3110317	AC	06-Nov-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3110224	JH	03-Nov-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3110224	JH	03-Nov-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3110224	JH	03-Nov-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3110224	JH	03-Nov-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3110224	JH	03-Nov-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			101 %	71.5-134		3110224	JH	03-Nov-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3110120	MS	03-Nov-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3110120	MS	03-Nov-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3110120	MS	03-Nov-23	8015B	

Surrogate: 1-Chlorooctane			93.7 %	48.2-134		3110120	MS	03-Nov-23	8015B	
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Surrogate: 1-Chlorooctadecane			99.7 %	49.1-148		3110120	MS	03-Nov-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: BURTON FLAT DEEP UNIT 44 SWD
Project Number: 237284
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
22-Feb-24 13:39

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 3110317 - 1:4 DI Water**Blank (3110317-BLK1)**

Prepared & Analyzed: 03-Nov-23

Chloride	ND	16.0	mg/kg						
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LCS (3110317-BS1)

Prepared & Analyzed: 03-Nov-23

Chloride	432	16.0	mg/kg	400	108	80-120			
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LCS Dup (3110317-BSD1)

Prepared & Analyzed: 03-Nov-23

Chloride	432	16.0	mg/kg	400	108	80-120	0.00	20	
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Batch 3110604 - 1:4 DI Water**Blank (3110604-BLK1)**

Prepared & Analyzed: 06-Nov-23

Chloride	ND	16.0	mg/kg						
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LCS (3110604-BS1)

Prepared & Analyzed: 06-Nov-23

Chloride	416	16.0	mg/kg	400	104	80-120			
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LCS Dup (3110604-BSD1)

Prepared & Analyzed: 06-Nov-23

Chloride	432	16.0	mg/kg	400	108	80-120	3.77	20	
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Analytical Results For:

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

Project: BURTON FLAT DEEP UNIT 44 SWD
Project Number: 237284
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
22-Feb-24 13:39

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3110207 - Volatiles**Blank (3110207-BLK1)**

Prepared: 02-Nov-23 Analyzed: 03-Nov-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		97.2	71.5-134			

LCS (3110207-BS1)

Prepared: 02-Nov-23 Analyzed: 03-Nov-23

Benzene	2.11	0.050	mg/kg	2.00		105	82.8-130			
Toluene	1.91	0.050	mg/kg	2.00		95.3	86-128			
Ethylbenzene	1.94	0.050	mg/kg	2.00		97.0	85.9-128			
m,p-Xylene	3.83	0.100	mg/kg	4.00		95.8	89-129			
o-Xylene	1.92	0.050	mg/kg	2.00		96.2	86.1-125			
Total Xylenes	5.76	0.150	mg/kg	6.00		95.9	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0467		mg/kg	0.0500		93.4	71.5-134			

LCS Dup (3110207-BSD1)

Prepared: 02-Nov-23 Analyzed: 03-Nov-23

Benzene	2.08	0.050	mg/kg	2.00		104	82.8-130	1.45	15.8	
Toluene	1.96	0.050	mg/kg	2.00		98.1	86-128	2.87	15.9	
Ethylbenzene	2.02	0.050	mg/kg	2.00		101	85.9-128	4.22	16	
m,p-Xylene	3.98	0.100	mg/kg	4.00		99.4	89-129	3.64	16.2	
o-Xylene	2.00	0.050	mg/kg	2.00		100	86.1-125	4.05	16.7	
Total Xylenes	5.98	0.150	mg/kg	6.00		99.6	88.2-128	3.78	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0490		mg/kg	0.0500		98.0	71.5-134			

Batch 3110208 - Volatiles**Blank (3110208-BLK1)**

Prepared: 02-Nov-23 Analyzed: 03-Nov-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							

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Analytical Results For:

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

Project: BURTON FLAT DEEP UNIT 44 SWD
Project Number: 237284
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
22-Feb-24 13:39

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3110208 - Volatiles**Blank (3110208-BLK1)**

Prepared: 02-Nov-23 Analyzed: 03-Nov-23

Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0567		mg/kg	0.0500		113	71.5-134			

LCS (3110208-BS1)

Prepared: 02-Nov-23 Analyzed: 03-Nov-23

Benzene	1.79	0.050	mg/kg	2.00		89.6	82.8-130			
Toluene	1.89	0.050	mg/kg	2.00		94.5	86-128			
Ethylbenzene	1.88	0.050	mg/kg	2.00		94.1	85.9-128			
m,p-Xylene	3.80	0.100	mg/kg	4.00		95.0	89-129			
o-Xylene	1.87	0.050	mg/kg	2.00		93.7	86.1-125			
Total Xylenes	5.68	0.150	mg/kg	6.00		94.6	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0538		mg/kg	0.0500		108	71.5-134			

LCS Dup (3110208-BS1)

Prepared: 02-Nov-23 Analyzed: 03-Nov-23

Benzene	1.96	0.050	mg/kg	2.00		98.2	82.8-130	9.16	15.8	
Toluene	2.07	0.050	mg/kg	2.00		104	86-128	9.17	15.9	
Ethylbenzene	2.06	0.050	mg/kg	2.00		103	85.9-128	9.05	16	
m,p-Xylene	4.18	0.100	mg/kg	4.00		104	89-129	9.46	16.2	
o-Xylene	2.05	0.050	mg/kg	2.00		103	86.1-125	9.12	16.7	
Total Xylenes	6.23	0.150	mg/kg	6.00		104	88.2-128	9.35	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0535		mg/kg	0.0500		107	71.5-134			

Batch 3110224 - Volatiles**Blank (3110224-BLK1)**

Prepared: 02-Nov-23 Analyzed: 03-Nov-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)	0.0505		mg/kg	0.0500		101	71.5-134			

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Analytical Results For:

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

Project: BURTON FLAT DEEP UNIT 44 SWD
Project Number: 237284
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
22-Feb-24 13:39

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 3110224 - Volatiles**LCS (3110224-BS1)**

Prepared: 02-Nov-23 Analyzed: 03-Nov-23

Benzene	2.20	0.050	mg/kg	2.00		110	82.8-130		
Toluene	2.20	0.050	mg/kg	2.00		110	86-128		
Ethylbenzene	2.21	0.050	mg/kg	2.00		110	85.9-128		
m,p-Xylene	4.66	0.100	mg/kg	4.00		116	89-129		
o-Xylene	2.17	0.050	mg/kg	2.00		109	86.1-125		
Total Xylenes	6.83	0.150	mg/kg	6.00		114	88.2-128		
Surrogate: 4-Bromofluorobenzene (PID)	0.0503		mg/kg	0.0500		101	71.5-134		

LCS Dup (3110224-BSD1)

Prepared: 02-Nov-23 Analyzed: 03-Nov-23

Benzene	2.14	0.050	mg/kg	2.00		107	82.8-130	2.95	15.8
Toluene	2.13	0.050	mg/kg	2.00		106	86-128	3.37	15.9
Ethylbenzene	2.12	0.050	mg/kg	2.00		106	85.9-128	3.82	16
m,p-Xylene	4.51	0.100	mg/kg	4.00		113	89-129	3.12	16.2
o-Xylene	2.10	0.050	mg/kg	2.00		105	86.1-125	3.38	16.7
Total Xylenes	6.61	0.150	mg/kg	6.00		110	88.2-128	3.20	16.3
Surrogate: 4-Bromofluorobenzene (PID)	0.0501		mg/kg	0.0500		100	71.5-134		

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Analytical Results For:

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

Project: BURTON FLAT DEEP UNIT 44 SWD
Project Number: 237284
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
22-Feb-24 13:39

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 3110120 - General Prep - Organics**Blank (3110120-BLK1)**

Prepared: 01-Nov-23 Analyzed: 03-Nov-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	45.4		mg/kg	50.0		90.8	48.2-134		
Surrogate: 1-Chlorooctadecane	47.1		mg/kg	50.0		94.2	49.1-148		

LCS (3110120-BS1)

Prepared: 01-Nov-23 Analyzed: 03-Nov-23

GRO C6-C10	193	10.0	mg/kg	200		96.3	66.4-123		
DRO >C10-C28	186	10.0	mg/kg	200		93.2	66.5-118		
Total TPH C6-C28	379	10.0	mg/kg	400		94.7	77.6-123		
Surrogate: 1-Chlorooctane	49.9		mg/kg	50.0		99.8	48.2-134		
Surrogate: 1-Chlorooctadecane	51.1		mg/kg	50.0		102	49.1-148		

LCS Dup (3110120-BS1)

Prepared: 01-Nov-23 Analyzed: 03-Nov-23

GRO C6-C10	190	10.0	mg/kg	200		95.1	66.4-123	1.25	17.7
DRO >C10-C28	191	10.0	mg/kg	200		95.4	66.5-118	2.36	21
Total TPH C6-C28	381	10.0	mg/kg	400		95.3	77.6-123	0.541	18.5
Surrogate: 1-Chlorooctane	48.5		mg/kg	50.0		97.0	48.2-134		
Surrogate: 1-Chlorooctadecane	50.5		mg/kg	50.0		101	49.1-148		

Batch 3110123 - General Prep - Organics**Blank (3110123-BLK1)**

Prepared: 01-Nov-23 Analyzed: 02-Nov-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	45.1		mg/kg	50.0		90.1	48.2-134		
Surrogate: 1-Chlorooctadecane	48.1		mg/kg	50.0		96.2	49.1-148		

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BURTON FLAT DEEP UNIT 44 SWD
Project Number: 237284
Project Manager: ETHAN SESSUMS
Fax To:

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 3110123 - General Prep - Organics**LCS (3110123-BS1)**

Prepared: 01-Nov-23 Analyzed: 02-Nov-23

GRO C6-C10	192	10.0	mg/kg	200		96.2	66.4-123		
DRO >C10-C28	199	10.0	mg/kg	200		99.3	66.5-118		
Total TPH C6-C28	391	10.0	mg/kg	400		97.7	77.6-123		
Surrogate: 1-Chlorooctane	49.3		mg/kg	50.0		98.6	48.2-134		
Surrogate: 1-Chlorooctadecane	52.5		mg/kg	50.0		105	49.1-148		

LCS Dup (3110123-BS1)

Prepared: 01-Nov-23 Analyzed: 03-Nov-23

GRO C6-C10	181	10.0	mg/kg	200		90.7	66.4-123	5.85	17.7
DRO >C10-C28	235	10.0	mg/kg	200		118	66.5-118	16.9	21
Total TPH C6-C28	417	10.0	mg/kg	400		104	77.6-123	6.35	18.5
Surrogate: 1-Chlorooctane	48.6		mg/kg	50.0		97.2	48.2-134		
Surrogate: 1-Chlorooctadecane	52.1		mg/kg	50.0		104	49.1-148		

Batch 3110125 - General Prep - Organics**Blank (3110125-BLK1)**

Prepared: 01-Nov-23 Analyzed: 03-Nov-23

GRO C6-C10	ND	10.0	mg/kg						
DRO >C10-C28	ND	10.0	mg/kg						
EXT DRO >C28-C36	ND	10.0	mg/kg						
Surrogate: 1-Chlorooctane	47.6		mg/kg	50.0		95.3	48.2-134		
Surrogate: 1-Chlorooctadecane	54.7		mg/kg	50.0		109	49.1-148		

LCS (3110125-BS1)

Prepared: 01-Nov-23 Analyzed: 03-Nov-23

GRO C6-C10	224	10.0	mg/kg	200		112	66.4-123		
DRO >C10-C28	225	10.0	mg/kg	200		112	66.5-118		
Total TPH C6-C28	449	10.0	mg/kg	400		112	77.6-123		
Surrogate: 1-Chlorooctane	52.8		mg/kg	50.0		106	48.2-134		
Surrogate: 1-Chlorooctadecane	58.3		mg/kg	50.0		117	49.1-148		

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Celey D. Keene, Lab Director/Quality Manager



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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3110125 - General Prep - Organics**LCS Dup (3110125-BSD1)**

Prepared: 01-Nov-23 Analyzed: 03-Nov-23

GRO C6-C10	217	10.0	mg/kg	200		109	66.4-123	3.22	17.7	
DRO >C10-C28	225	10.0	mg/kg	200		113	66.5-118	0.0511	21	
Total TPH C6-C28	442	10.0	mg/kg	400		111	77.6-123	1.57	18.5	
Surrogate: 1-Chlorooctane	51.5		mg/kg	50.0		103	48.2-134			
Surrogate: 1-Chlorooctadecane	58.0		mg/kg	50.0		116	49.1-148			

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: NTG Environmental		BILL TO		ANALYSIS REQUEST	
Project Manager: EMAN SESHUN		P.O. #:			
Address: 209 W McKay St.		Company: DEVON - WLS Matthews			
City: Carlsbad		Attn:			
State: NM Zip: 88220		Address: WLSky Matthews			
Phone #: (254) 246-5456 Fax #:		City:			
Project #: 237284 Project Owner:		State:			
Project Location: Burton Flat Deep Unit 44 SWD		Zip:			
Sample Name: Jillian Smiley		Phone #:			
FOR LAB USE ONLY		Fax #:			
Lab I.D. H35966		(G)RAB OR (C)OMP.			
Sample I.D.		# CONTAINERS			
		GROUNDWATER			
		WASTEWATER			
		SOIL			
		OIL			
		SLUDGE			
		OTHER :			
		ACID/BASE:			
		ICE / COOL			
		OTHER :			
		DATE		TIME	
H1 (0-6")		10/31/23		10:41	
H2 (0-6")				10:44	
H3 (0-6")				10:47	
H4 (0-6")				10:51	
H5 (0-6")				10:53	
H6 (0-6")				10:58	
H7 (0-6")				10:59	
H8 (0-6")				11:03	
H9 (0-6")				11:05	
H10 (0-6")				11:08	
H11 (0-6")					
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Relinquished By: Jillian Smiley		Date: 10/31/23		Time: 3:24	
Received By: Jillian Smiley		Date: 10/31/23		Time: 15:35	
Delivered By: (Circle One)		Observed Temp. °C		Corrected Temp. °C	
Sampler - UPS - Bus - Other:		Sample Condition		CHECKED BY: (Initials)	
		Cool <input type="checkbox"/> Intact <input type="checkbox"/>		10/31	
		Yes <input type="checkbox"/> No <input type="checkbox"/>			
Thermometer ID #140		Turnaround Time:		Bacteria (only) Sample Condition	
Correction Factor 0°C		Standard <input type="checkbox"/> Rush <input checked="" type="checkbox"/>		Cool <input type="checkbox"/> Intact <input type="checkbox"/>	
				Yes <input type="checkbox"/> No <input type="checkbox"/>	
				Observed Temp. °C	
				Corrected Temp. °C	
REMARKS: *Customer requested sample change. Specimen 2-23-24					

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: NTG Environmental		P.O. #:		BILL TO		ANALYSIS REQUEST																													
Project Manager: Shan Sessions		Company: DEVON - WLS Matthews																																	
Address: 209 W McKay St.		Attn:																																	
City: Carlsbad		Address: WLSky Mathews @																																	
Phone #: (254) 266-5456		City: Amador																																	
Project #: 237284		State: NM		Zip: 88220																															
Project Name: Burton Flat Deep Unit 44 SWD		Phone #:																																	
Project Location: Eddy CO. NM		Fax #:																																	
Sampler Name: William Smiley																																			
FOR LAB USE ONLY																																			
Lab I.D. H235966		Sample I.D. 88-24																																	
11 V1 (1.5') 1' 11:10		(G)RAB OR (C)OMP.				BTEx																													
12 V1 (2.5') 2' 11:12		# CONTAINERS				TPH																													
13 V1 (3.5') 3' 11:15		GROUNDWATER				Chloride																													
14 V1 (4.5') 4' 11:18		WASTEWATER																																	
15 V2 (0.5') 1' 11:21		SOIL																																	
16 V2 (1.5') 2' 11:25		OIL																																	
17 V2 (2.5') 3' 11:28		SLUDGE																																	
18 V2 (3.5') 4' 11:31		OTHER:																																	
19 V2 (4.5') 4' 11:33		ACID/BASE:																																	
20 V2 (5.5') 4' 11:40		ICE / COOL																																	
		OTHER:																																	
		DATE		TIME																															
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Delivered By: (Circle One)		Observed Temp. °C		Corrected Temp. °C		Sample Condition		CHECKED BY: (Initials)		THERMOMETER ID #140		Correction Factor 0°C		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>		Bacteria (only) Sample Condition: <input type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Observed Temp. °C		Corrected Temp. °C		REMARKS: Customer requested sample to be changed. Specimens 23-24													
Sampler - UPS - Bus - Other:		Observed Temp. °C		Corrected Temp. °C		Sample Condition		CHECKED BY: (Initials)		THERMOMETER ID #140		Correction Factor 0°C		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>		Bacteria (only) Sample Condition: <input type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Observed Temp. °C		Corrected Temp. °C		REMARKS: Customer requested sample to be changed. Specimens 23-24													



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: NTG Environmental Project Manager: Ethan Sessions Address: 209 W McKay St. City: Carlsbad State: NM zip: 88220 Phone #: (254) 246-5456 Fax #: Project #: 237284 Project Owner: Project Name: Burton Flat Deep Unit 44 SWD Project Location: Eddy Co., NM Sampler Name: Jillian Smiley										P.O. #: Company: Devon - WLS Matheus Attn: Address: WLS Matheus City: A.M.A. State: Zip: Phone #: Fax #:										BILL TO										ANALYSIS REQUEST																																																																																																																																																																													
FOR LAB USE ONLY Lab I.D. H35566 Sample I.D.										(G)RAB OR (C)OMP. # CONTAINERS <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>GROUNDWATER</td><td></td></tr> <tr><td>WASTEWATER</td><td></td></tr> <tr><td>SOIL</td><td></td></tr> <tr><td>OIL</td><td></td></tr> <tr><td>SLUDGE</td><td></td></tr> <tr><td>OTHER :</td><td></td></tr> <tr><td>ACID/BASE:</td><td></td></tr> <tr><td>ICE / COOL</td><td></td></tr> <tr><td>OTHER :</td><td></td></tr> </table>										GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>MATRIX</th> <th>PRESERV.</th> <th>SAMPLING</th> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table>										MATRIX	PRESERV.	SAMPLING				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>DATE</th> <th>TIME</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> </tr> <tr> <td>10/31/23</td> <td>11:42</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>11:47</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>11:50</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>11:52</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>11:56</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>12:00</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>										DATE	TIME																			10/31/23	11:42																				11:47																				11:50																				11:52																				11:56																				12:00																		
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PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, except to the extent that such claim is based upon any of the above stated reasons or otherwise.										Relinquished By: [Signature] Date: 10/31/23 Time: 3:24 Received By: [Signature] Date: 10-31-23 Time: 15:25										REMARKS: Customer requested sample depth changes. Specimens 2-22-24																																																																																																																																																																																							
Delivered By: (Circle One) Sampler - UPS - Bus - Other:										Observed Temp. °C: 4.7°C Corrected Temp. °C:										Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>										CHECKED BY: [Signature] (Initials)																																																																																																																																																																													
Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:										All Results are emailed. Please provide Email address:										Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Bacteria (only): Sample Condition Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Observed Temp. °C: Corrected Temp. °C:																																																																																																																																																																																							



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

February 04, 2024

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: BURTON FLAT

Enclosed are the results of analyses for samples received by the laboratory on 02/01/24 14:30.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is fluid and cursive, with the first name "Celey" and last name "Keene" clearly distinguishable.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 1 2' (H240492-01)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2024	ND	1.95	97.4	2.00	10.3	
Toluene*	<0.050	0.050	02/02/2024	ND	1.93	96.3	2.00	10.5	
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	1.93	96.3	2.00	10.5	
Total Xylenes*	<0.150	0.150	02/02/2024	ND	5.63	93.8	6.00	10.5	
Total BTEX	<0.300	0.300	02/02/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/02/2024	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	02/02/2024	ND	199	99.5	200	4.04	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	193	96.3	200	3.23	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 82.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 2 2' (H240492-02)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/02/2024	ND	1.95	97.4	2.00	10.3		
Toluene*	<0.050	0.050	02/02/2024	ND	1.93	96.3	2.00	10.5		
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	1.93	96.3	2.00	10.5		
Total Xylenes*	<0.150	0.150	02/02/2024	ND	5.63	93.8	6.00	10.5		
Total BTX	<0.300	0.300	02/02/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/02/2024	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	02/02/2024	ND	199	99.5	200	4.04	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	193	96.3	200	3.23	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 3 2' (H240492-03)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/02/2024	ND	1.95	97.4	2.00	10.3		
Toluene*	<0.050	0.050	02/02/2024	ND	1.93	96.3	2.00	10.5		
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	1.93	96.3	2.00	10.5		
Total Xylenes*	<0.150	0.150	02/02/2024	ND	5.63	93.8	6.00	10.5		
Total BTEX	<0.300	0.300	02/02/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	02/02/2024	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	02/02/2024	ND	199	99.5	200	4.04	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	193	96.3	200	3.23	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 4 2' (H240492-04)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/02/2024	ND	1.95	97.4	2.00	10.3		
Toluene*	<0.050	0.050	02/02/2024	ND	1.93	96.3	2.00	10.5		
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	1.93	96.3	2.00	10.5		
Total Xylenes*	<0.150	0.150	02/02/2024	ND	5.63	93.8	6.00	10.5		
Total BTX	<0.300	0.300	02/02/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	02/02/2024	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	02/02/2024	ND	199	99.5	200	4.04	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	193	96.3	200	3.23	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.2 % 49.1-148

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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 5 2' (H240492-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/02/2024	ND	1.95	97.4	2.00	10.3		
Toluene*	<0.050	0.050	02/02/2024	ND	1.93	96.3	2.00	10.5		
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	1.93	96.3	2.00	10.5		
Total Xylenes*	<0.150	0.150	02/02/2024	ND	5.63	93.8	6.00	10.5		
Total BTEX	<0.300	0.300	02/02/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	02/02/2024	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	02/02/2024	ND	199	99.5	200	4.04	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	193	96.3	200	3.23	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 90.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 6 2' (H240492-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/02/2024	ND	1.95	97.4	2.00	10.3		
Toluene*	<0.050	0.050	02/02/2024	ND	1.93	96.3	2.00	10.5		
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	1.93	96.3	2.00	10.5		
Total Xylenes*	<0.150	0.150	02/02/2024	ND	5.63	93.8	6.00	10.5		
Total BTEx	<0.300	0.300	02/02/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	02/02/2024	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	02/02/2024	ND	199	99.5	200	4.04	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	193	96.3	200	3.23	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 7 2' (H240492-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/02/2024	ND	1.95	97.4	2.00	10.3		
Toluene*	<0.050	0.050	02/02/2024	ND	1.93	96.3	2.00	10.5		
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	1.93	96.3	2.00	10.5		
Total Xylenes*	<0.150	0.150	02/02/2024	ND	5.63	93.8	6.00	10.5		
Total BTEX	<0.300	0.300	02/02/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1100	16.0	02/02/2024	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	02/02/2024	ND	199	99.5	200	4.04	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	193	96.3	200	3.23	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 99.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 8 2' (H240492-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/02/2024	ND	1.95	97.4	2.00	10.3		
Toluene*	<0.050	0.050	02/02/2024	ND	1.93	96.3	2.00	10.5		
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	1.93	96.3	2.00	10.5		
Total Xylenes*	<0.150	0.150	02/02/2024	ND	5.63	93.8	6.00	10.5		
Total BTEX	<0.300	0.300	02/02/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	528	16.0	02/02/2024	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	02/02/2024	ND	199	99.5	200	4.04	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	193	96.3	200	3.23	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 9 2' (H240492-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/02/2024	ND	1.95	97.4	2.00	10.3		
Toluene*	<0.050	0.050	02/02/2024	ND	1.93	96.3	2.00	10.5		
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	1.93	96.3	2.00	10.5		
Total Xylenes*	<0.150	0.150	02/02/2024	ND	5.63	93.8	6.00	10.5		
Total BTEX	<0.300	0.300	02/02/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	02/02/2024	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	02/02/2024	ND	199	99.5	200	4.04	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	193	96.3	200	3.23	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.4 % 49.1-148

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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 10 2' (H240492-10)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2024	ND	1.95	97.4	2.00	10.3	
Toluene*	<0.050	0.050	02/02/2024	ND	1.93	96.3	2.00	10.5	
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	1.93	96.3	2.00	10.5	
Total Xylenes*	<0.150	0.150	02/02/2024	ND	5.63	93.8	6.00	10.5	
Total BTEX	<0.300	0.300	02/02/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	02/02/2024	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	02/02/2024	ND	199	99.5	200	4.04	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	193	96.3	200	3.23	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

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: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 11 2' (H240492-11)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/02/2024	ND	1.95	97.4	2.00	10.3		
Toluene*	<0.050	0.050	02/02/2024	ND	1.93	96.3	2.00	10.5		
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	1.93	96.3	2.00	10.5		
Total Xylenes*	<0.150	0.150	02/02/2024	ND	5.63	93.8	6.00	10.5		
Total BTEX	<0.300	0.300	02/02/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	02/02/2024	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	02/02/2024	ND	199	99.5	200	4.04	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	193	96.3	200	3.23	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 95.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.5 % 49.1-148

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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 12 2' (H240492-12)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/02/2024	ND	1.95	97.4	2.00	10.3		
Toluene*	<0.050	0.050	02/02/2024	ND	1.93	96.3	2.00	10.5		
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	1.93	96.3	2.00	10.5		
Total Xylenes*	<0.150	0.150	02/02/2024	ND	5.63	93.8	6.00	10.5		
Total BTEX	<0.300	0.300	02/02/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	02/02/2024	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	02/02/2024	ND	199	99.5	200	4.04	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	193	96.3	200	3.23	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.9 % 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: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 13 2' (H240492-13)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/02/2024	ND	1.95	97.4	2.00	10.3		
Toluene*	<0.050	0.050	02/02/2024	ND	1.93	96.3	2.00	10.5		
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	1.93	96.3	2.00	10.5		
Total Xylenes*	<0.150	0.150	02/02/2024	ND	5.63	93.8	6.00	10.5		
Total BTEX	<0.300	0.300	02/02/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	02/02/2024	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	02/02/2024	ND	199	99.5	200	4.04	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	193	96.3	200	3.23	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 90.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.6 % 49.1-148

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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 14 2' (H240492-14)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/02/2024	ND	1.95	97.4	2.00	10.3		
Toluene*	<0.050	0.050	02/02/2024	ND	1.93	96.3	2.00	10.5		
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	1.93	96.3	2.00	10.5		
Total Xylenes*	<0.150	0.150	02/02/2024	ND	5.63	93.8	6.00	10.5		
Total BTEX	<0.300	0.300	02/02/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	02/02/2024	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	02/02/2024	ND	199	99.5	200	4.04	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	193	96.3	200	3.23	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.2 % 49.1-148

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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 15 2' (H240492-15)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2024	ND	1.95	97.4	2.00	10.3	
Toluene*	<0.050	0.050	02/02/2024	ND	1.93	96.3	2.00	10.5	
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	1.93	96.3	2.00	10.5	
Total Xylenes*	<0.150	0.150	02/02/2024	ND	5.63	93.8	6.00	10.5	
Total BTEX	<0.300	0.300	02/02/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/02/2024	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	02/02/2024	ND	199	99.5	200	4.04	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	193	96.3	200	3.23	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 91.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.0 % 49.1-148

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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 16 2' (H240492-16)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2024	ND	1.95	97.4	2.00	10.3	
Toluene*	<0.050	0.050	02/02/2024	ND	1.93	96.3	2.00	10.5	
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	1.93	96.3	2.00	10.5	
Total Xylenes*	<0.150	0.150	02/02/2024	ND	5.63	93.8	6.00	10.5	
Total BTEX	<0.300	0.300	02/02/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	02/02/2024	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	02/02/2024	ND	199	99.5	200	4.04	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	193	96.3	200	3.23	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 17 2' (H240492-17)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2024	ND	1.95	97.4	2.00	10.3	
Toluene*	<0.050	0.050	02/02/2024	ND	1.93	96.3	2.00	10.5	
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	1.93	96.3	2.00	10.5	
Total Xylenes*	<0.150	0.150	02/02/2024	ND	5.63	93.8	6.00	10.5	
Total BTEX	<0.300	0.300	02/02/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	02/02/2024	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	02/02/2024	ND	199	99.5	200	4.04	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	193	96.3	200	3.23	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 18 2' (H240492-18)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/02/2024	ND	1.95	97.4	2.00	10.3		
Toluene*	<0.050	0.050	02/02/2024	ND	1.93	96.3	2.00	10.5		
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	1.93	96.3	2.00	10.5		
Total Xylenes*	<0.150	0.150	02/02/2024	ND	5.63	93.8	6.00	10.5		
Total BTEX	<0.300	0.300	02/02/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	368	16.0	02/02/2024	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	02/02/2024	ND	199	99.5	200	4.04	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	193	96.3	200	3.23	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 95.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.5 % 49.1-148

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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 19 2' (H240492-19)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2024	ND	1.95	97.4	2.00	10.3	
Toluene*	<0.050	0.050	02/02/2024	ND	1.93	96.3	2.00	10.5	
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	1.93	96.3	2.00	10.5	
Total Xylenes*	<0.150	0.150	02/02/2024	ND	5.63	93.8	6.00	10.5	
Total BTEX	<0.300	0.300	02/02/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	02/02/2024	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	02/02/2024	ND	199	99.5	200	4.04	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	193	96.3	200	3.23	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 80.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.2 % 49.1-148

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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 20 2' (H240492-20)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2024	ND	1.95	97.4	2.00	10.3	
Toluene*	<0.050	0.050	02/02/2024	ND	1.93	96.3	2.00	10.5	
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	1.93	96.3	2.00	10.5	
Total Xylenes*	<0.150	0.150	02/02/2024	ND	5.63	93.8	6.00	10.5	
Total BTEX	<0.300	0.300	02/02/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	02/02/2024	ND	416	104	400	7.41	

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	02/02/2024	ND	199	99.5	200	4.04	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	193	96.3	200	3.23	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 78.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.6 % 49.1-148

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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 21 2' (H240492-21)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2024	ND	1.86	93.1	2.00	7.04	
Toluene*	<0.050	0.050	02/02/2024	ND	1.87	93.6	2.00	7.12	
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	1.86	93.2	2.00	6.43	
Total Xylenes*	<0.150	0.150	02/02/2024	ND	5.56	92.6	6.00	6.25	
Total BTEX	<0.300	0.300	02/02/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	02/02/2024	ND	416	104	400	7.41	

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	02/02/2024	ND	212	106	200	0.0184	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	199	99.6	200	2.00	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 72.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.4 % 49.1-148

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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 22 2' (H240492-22)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2024	ND	1.86	93.1	2.00	7.04	
Toluene*	<0.050	0.050	02/02/2024	ND	1.87	93.6	2.00	7.12	
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	1.86	93.2	2.00	6.43	
Total Xylenes*	<0.150	0.150	02/02/2024	ND	5.56	92.6	6.00	6.25	
Total BTEX	<0.300	0.300	02/02/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	02/02/2024	ND	416	104	400	7.41	

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	02/02/2024	ND	212	106	200	0.0184	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	199	99.6	200	2.00	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 89.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.7 % 49.1-148

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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 23 2' (H240492-23)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/02/2024	ND	1.86	93.1	2.00	7.04		
Toluene*	<0.050	0.050	02/02/2024	ND	1.87	93.6	2.00	7.12		
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	1.86	93.2	2.00	6.43		
Total Xylenes*	<0.150	0.150	02/02/2024	ND	5.56	92.6	6.00	6.25		
Total BTEX	<0.300	0.300	02/02/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	02/02/2024	ND	416	104	400	7.41		

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	02/02/2024	ND	212	106	200	0.0184	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	199	99.6	200	2.00	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 93.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 24 2' (H240492-24)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2024	ND	1.86	93.1	2.00	7.04	
Toluene*	<0.050	0.050	02/02/2024	ND	1.87	93.6	2.00	7.12	
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	1.86	93.2	2.00	6.43	
Total Xylenes*	<0.150	0.150	02/02/2024	ND	5.56	92.6	6.00	6.25	
Total BTEX	<0.300	0.300	02/02/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/02/2024	ND	416	104	400	7.41	

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	02/02/2024	ND	212	106	200	0.0184	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	199	99.6	200	2.00	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 94.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 25 2' (H240492-25)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2024	ND	1.86	93.1	2.00	7.04	
Toluene*	<0.050	0.050	02/02/2024	ND	1.87	93.6	2.00	7.12	
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	1.86	93.2	2.00	6.43	
Total Xylenes*	<0.150	0.150	02/02/2024	ND	5.56	92.6	6.00	6.25	
Total BTEX	<0.300	0.300	02/02/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/02/2024	ND	416	104	400	7.41	

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	02/02/2024	ND	212	106	200	0.0184	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	199	99.6	200	2.00	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 88.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 26 2' (H240492-26)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2024	ND	1.86	93.1	2.00	7.04	
Toluene*	<0.050	0.050	02/02/2024	ND	1.87	93.6	2.00	7.12	
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	1.86	93.2	2.00	6.43	
Total Xylenes*	<0.150	0.150	02/02/2024	ND	5.56	92.6	6.00	6.25	
Total BTEX	<0.300	0.300	02/02/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	304	16.0	02/02/2024	ND	416	104	400	7.41	

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	02/02/2024	ND	212	106	200	0.0184	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	199	99.6	200	2.00	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 87.7 % 48.2-134

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: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 27 2' (H240492-27)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2024	ND	1.86	93.1	2.00	7.04	
Toluene*	<0.050	0.050	02/02/2024	ND	1.87	93.6	2.00	7.12	
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	1.86	93.2	2.00	6.43	
Total Xylenes*	<0.150	0.150	02/02/2024	ND	5.56	92.6	6.00	6.25	
Total BTEX	<0.300	0.300	02/02/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	960	16.0	02/02/2024	ND	416	104	400	7.41	

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	02/02/2024	ND	212	106	200	0.0184	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	199	99.6	200	2.00	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 97.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 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: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 28 2' (H240492-28)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2024	ND	1.86	93.1	2.00	7.04	
Toluene*	<0.050	0.050	02/02/2024	ND	1.87	93.6	2.00	7.12	
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	1.86	93.2	2.00	6.43	
Total Xylenes*	<0.150	0.150	02/02/2024	ND	5.56	92.6	6.00	6.25	
Total BTEX	<0.300	0.300	02/02/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	02/02/2024	ND	416	104	400	7.41	

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	02/02/2024	ND	212	106	200	0.0184	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	199	99.6	200	2.00	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 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: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 29 2' (H240492-29)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2024	ND	1.86	93.1	2.00	7.04	
Toluene*	<0.050	0.050	02/02/2024	ND	1.87	93.6	2.00	7.12	
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	1.86	93.2	2.00	6.43	
Total Xylenes*	<0.150	0.150	02/02/2024	ND	5.56	92.6	6.00	6.25	
Total BTEX	<0.300	0.300	02/02/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/02/2024	ND	416	104	400	7.41	

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	02/02/2024	ND	212	106	200	0.0184	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	199	99.6	200	2.00	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 87.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.5 % 49.1-148

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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 30 2' (H240492-30)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2024	ND	1.86	93.1	2.00	7.04	
Toluene*	<0.050	0.050	02/02/2024	ND	1.87	93.6	2.00	7.12	
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	1.86	93.2	2.00	6.43	
Total Xylenes*	<0.150	0.150	02/02/2024	ND	5.56	92.6	6.00	6.25	
Total BTEX	<0.300	0.300	02/02/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	02/02/2024	ND	416	104	400	7.41	

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	02/02/2024	ND	212	106	200	0.0184	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	199	99.6	200	2.00	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 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: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 31 2' (H240492-31)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2024	ND	1.86	93.1	2.00	7.04	
Toluene*	<0.050	0.050	02/02/2024	ND	1.87	93.6	2.00	7.12	
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	1.86	93.2	2.00	6.43	
Total Xylenes*	<0.150	0.150	02/02/2024	ND	5.56	92.6	6.00	6.25	
Total BTEX	<0.300	0.300	02/02/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	02/02/2024	ND	416	104	400	7.41	

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	02/02/2024	ND	212	106	200	0.0184	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	199	99.6	200	2.00	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 88.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.1 % 49.1-148

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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 32 2' (H240492-32)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2024	ND	1.86	93.1	2.00	7.04	
Toluene*	<0.050	0.050	02/02/2024	ND	1.87	93.6	2.00	7.12	
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	1.86	93.2	2.00	6.43	
Total Xylenes*	<0.150	0.150	02/02/2024	ND	5.56	92.6	6.00	6.25	
Total BTEX	<0.300	0.300	02/02/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/02/2024	ND	416	104	400	7.41	

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	02/02/2024	ND	212	106	200	0.0184	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	199	99.6	200	2.00	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 97.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 33 2' (H240492-33)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2024	ND	1.86	93.1	2.00	7.04	
Toluene*	<0.050	0.050	02/02/2024	ND	1.87	93.6	2.00	7.12	
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	1.86	93.2	2.00	6.43	
Total Xylenes*	<0.150	0.150	02/02/2024	ND	5.56	92.6	6.00	6.25	
Total BTEX	<0.300	0.300	02/02/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/02/2024	ND	416	104	400	7.41	

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	02/02/2024	ND	212	106	200	0.0184	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	199	99.6	200	2.00	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 97.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 34 2' (H240492-34)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2024	ND	1.86	93.1	2.00	7.04	
Toluene*	<0.050	0.050	02/02/2024	ND	1.87	93.6	2.00	7.12	
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	1.86	93.2	2.00	6.43	
Total Xylenes*	<0.150	0.150	02/02/2024	ND	5.56	92.6	6.00	6.25	
Total BTEX	<0.300	0.300	02/02/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/02/2024	ND	416	104	400	7.41	

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	02/02/2024	ND	212	106	200	0.0184	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	199	99.6	200	2.00	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 92.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 35 2' (H240492-35)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/02/2024	ND	1.86	93.1	2.00	7.04		
Toluene*	<0.050	0.050	02/02/2024	ND	1.87	93.6	2.00	7.12		
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	1.86	93.2	2.00	6.43		
Total Xylenes*	<0.150	0.150	02/02/2024	ND	5.56	92.6	6.00	6.25		
Total BTEX	<0.300	0.300	02/02/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/02/2024	ND	416	104	400	7.41		

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	02/02/2024	ND	212	106	200	0.0184	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	199	99.6	200	2.00	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 88.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.9 % 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: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 36 2' (H240492-36)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/02/2024	ND	1.86	93.1	2.00	7.04		
Toluene*	<0.050	0.050	02/02/2024	ND	1.87	93.6	2.00	7.12		
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	1.86	93.2	2.00	6.43		
Total Xylenes*	<0.150	0.150	02/02/2024	ND	5.56	92.6	6.00	6.25		
Total BTEX	<0.300	0.300	02/02/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	02/02/2024	ND	416	104	400	7.41		

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	02/02/2024	ND	212	106	200	0.0184	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	199	99.6	200	2.00	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 92.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 37 2' (H240492-37)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2024	ND	1.86	93.1	2.00	7.04	
Toluene*	<0.050	0.050	02/02/2024	ND	1.87	93.6	2.00	7.12	
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	1.86	93.2	2.00	6.43	
Total Xylenes*	<0.150	0.150	02/02/2024	ND	5.56	92.6	6.00	6.25	
Total BTEX	<0.300	0.300	02/02/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	02/02/2024	ND	416	104	400	7.41	

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	02/02/2024	ND	212	106	200	0.0184	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	199	99.6	200	2.00	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 86.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.8 % 49.1-148

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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 38 2' (H240492-38)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2024	ND	1.86	93.1	2.00	7.04	
Toluene*	<0.050	0.050	02/02/2024	ND	1.87	93.6	2.00	7.12	
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	1.86	93.2	2.00	6.43	
Total Xylenes*	<0.150	0.150	02/02/2024	ND	5.56	92.6	6.00	6.25	
Total BTEX	<0.300	0.300	02/02/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	02/02/2024	ND	416	104	400	7.41	

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	02/02/2024	ND	212	106	200	0.0184	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	199	99.6	200	2.00	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 92.6 % 48.2-134

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: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 39 2' (H240492-39)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/02/2024	ND	1.86	93.1	2.00	7.04		
Toluene*	<0.050	0.050	02/02/2024	ND	1.87	93.6	2.00	7.12		
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	1.86	93.2	2.00	6.43		
Total Xylenes*	<0.150	0.150	02/02/2024	ND	5.56	92.6	6.00	6.25		
Total BTEX	<0.300	0.300	02/02/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	02/02/2024	ND	416	104	400	7.41	

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	02/02/2024	ND	212	106	200	0.0184	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	199	99.6	200	2.00	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 81.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.6 % 49.1-148

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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 40 2' (H240492-40)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/02/2024	ND	1.86	93.1	2.00	7.04		
Toluene*	<0.050	0.050	02/02/2024	ND	1.87	93.6	2.00	7.12		
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	1.86	93.2	2.00	6.43		
Total Xylenes*	<0.150	0.150	02/02/2024	ND	5.56	92.6	6.00	6.25		
Total BTEX	<0.300	0.300	02/02/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	02/02/2024	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	02/02/2024	ND	212	106	200	0.0184	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	199	99.6	200	2.00	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 90.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.7 % 49.1-148

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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 41 2' (H240492-41)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/02/2024	ND	2.22	111	2.00	4.48		
Toluene*	<0.050	0.050	02/02/2024	ND	2.33	116	2.00	5.27		
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	2.43	122	2.00	4.28		
Total Xylenes*	<0.150	0.150	02/02/2024	ND	7.20	120	6.00	4.37		
Total BTEX	<0.300	0.300	02/02/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	368	16.0	02/02/2024	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	02/02/2024	ND	217	108	200	7.06	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	238	119	200	5.87	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 84.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.1 % 49.1-148

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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 42 2' (H240492-42)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2024	ND	2.22	111	2.00	4.48	
Toluene*	<0.050	0.050	02/02/2024	ND	2.33	116	2.00	5.27	
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	2.43	122	2.00	4.28	
Total Xylenes*	<0.150	0.150	02/02/2024	ND	7.20	120	6.00	4.37	
Total BTEX	<0.300	0.300	02/02/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	02/02/2024	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	02/02/2024	ND	217	108	200	7.06	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	238	119	200	5.87	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.6 % 49.1-148

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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 43 2' (H240492-43)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2024	ND	2.22	111	2.00	4.48	
Toluene*	<0.050	0.050	02/02/2024	ND	2.33	116	2.00	5.27	
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	2.43	122	2.00	4.28	
Total Xylenes*	<0.150	0.150	02/02/2024	ND	7.20	120	6.00	4.37	
Total BTEx	<0.300	0.300	02/02/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	02/02/2024	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	02/02/2024	ND	217	108	200	7.06	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	238	119	200	5.87	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 44 2' (H240492-44)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2024	ND	2.22	111	2.00	4.48	
Toluene*	<0.050	0.050	02/02/2024	ND	2.33	116	2.00	5.27	
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	2.43	122	2.00	4.28	
Total Xylenes*	<0.150	0.150	02/02/2024	ND	7.20	120	6.00	4.37	
Total BTEX	<0.300	0.300	02/02/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	02/02/2024	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	02/02/2024	ND	217	108	200	7.06	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	238	119	200	5.87	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 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: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 45 2' (H240492-45)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/02/2024	ND	2.22	111	2.00	4.48		
Toluene*	<0.050	0.050	02/02/2024	ND	2.33	116	2.00	5.27		
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	2.43	122	2.00	4.28		
Total Xylenes*	<0.150	0.150	02/02/2024	ND	7.20	120	6.00	4.37		
Total BTEX	<0.300	0.300	02/02/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/02/2024	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	02/02/2024	ND	217	108	200	7.06	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	238	119	200	5.87	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.8 % 49.1-148

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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 46 2' (H240492-46)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2024	ND	2.22	111	2.00	4.48	
Toluene*	<0.050	0.050	02/02/2024	ND	2.33	116	2.00	5.27	
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	2.43	122	2.00	4.28	
Total Xylenes*	<0.150	0.150	02/02/2024	ND	7.20	120	6.00	4.37	
Total BTEX	<0.300	0.300	02/02/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	02/02/2024	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	02/02/2024	ND	217	108	200	7.06	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	238	119	200	5.87	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 84.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.0 % 49.1-148

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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 47 3.5' (H240492-47)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2024	ND	2.22	111	2.00	4.48	
Toluene*	<0.050	0.050	02/02/2024	ND	2.33	116	2.00	5.27	
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	2.43	122	2.00	4.28	
Total Xylenes*	<0.150	0.150	02/02/2024	ND	7.20	120	6.00	4.37	
Total BTX	<0.300	0.300	02/02/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	02/02/2024	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	02/02/2024	ND	217	108	200	7.06	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	238	119	200	5.87	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.9 % 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: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 48 3.5' (H240492-48)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2024	ND	2.22	111	2.00	4.48	
Toluene*	<0.050	0.050	02/02/2024	ND	2.33	116	2.00	5.27	
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	2.43	122	2.00	4.28	
Total Xylenes*	<0.150	0.150	02/02/2024	ND	7.20	120	6.00	4.37	
Total BTEx	<0.300	0.300	02/02/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	02/02/2024	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	02/02/2024	ND	217	108	200	7.06	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	238	119	200	5.87	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.9 % 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: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 49 3.5' (H240492-49)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2024	ND	2.22	111	2.00	4.48	
Toluene*	<0.050	0.050	02/02/2024	ND	2.33	116	2.00	5.27	
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	2.43	122	2.00	4.28	
Total Xylenes*	<0.150	0.150	02/02/2024	ND	7.20	120	6.00	4.37	
Total BTEx	<0.300	0.300	02/02/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	02/02/2024	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	02/02/2024	ND	217	108	200	7.06	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	238	119	200	5.87	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 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: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 50 3.5' (H240492-50)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/02/2024	ND	2.22	111	2.00	4.48		
Toluene*	<0.050	0.050	02/02/2024	ND	2.33	116	2.00	5.27		
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	2.43	122	2.00	4.28		
Total Xylenes*	<0.150	0.150	02/02/2024	ND	7.20	120	6.00	4.37		
Total BTEx	<0.300	0.300	02/02/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	02/02/2024	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	02/02/2024	ND	217	108	200	7.06	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	238	119	200	5.87	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 51 3.5' (H240492-51)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2024	ND	2.22	111	2.00	4.48	
Toluene*	<0.050	0.050	02/02/2024	ND	2.33	116	2.00	5.27	
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	2.43	122	2.00	4.28	
Total Xylenes*	<0.150	0.150	02/02/2024	ND	7.20	120	6.00	4.37	
Total BTEX	<0.300	0.300	02/02/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	02/02/2024	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	02/02/2024	ND	217	108	200	7.06	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	238	119	200	5.87	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 90.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.9 % 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: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 52 3.5' (H240492-52)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2024	ND	2.22	111	2.00	4.48	
Toluene*	<0.050	0.050	02/02/2024	ND	2.33	116	2.00	5.27	
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	2.43	122	2.00	4.28	
Total Xylenes*	<0.150	0.150	02/02/2024	ND	7.20	120	6.00	4.37	
Total BTEx	<0.300	0.300	02/02/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	448	16.0	02/02/2024	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	02/02/2024	ND	217	108	200	7.06	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	238	119	200	5.87	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 89.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.0 % 49.1-148

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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 53 3.5' (H240492-53)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/02/2024	ND	2.22	111	2.00	4.48		
Toluene*	<0.050	0.050	02/02/2024	ND	2.33	116	2.00	5.27		
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	2.43	122	2.00	4.28		
Total Xylenes*	<0.150	0.150	02/02/2024	ND	7.20	120	6.00	4.37		
Total BTEx	<0.300	0.300	02/02/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	02/02/2024	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	02/02/2024	ND	217	108	200	7.06	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	238	119	200	5.87	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.3 % 49.1-148

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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 54 3.5' (H240492-54)

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	02/02/2024	ND	2.22	111	2.00	4.48	
Toluene*	<0.050	0.050	02/02/2024	ND	2.33	116	2.00	5.27	
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	2.43	122	2.00	4.28	
Total Xylenes*	<0.150	0.150	02/02/2024	ND	7.20	120	6.00	4.37	
Total BTEX	<0.300	0.300	02/02/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	02/02/2024	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	02/02/2024	ND	217	108	200	7.06	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	238	119	200	5.87	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 97.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.1 % 49.1-148

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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 55 3.5' (H240492-55)

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	02/02/2024	ND	2.22	111	2.00	4.48	
Toluene*	<0.050	0.050	02/02/2024	ND	2.33	116	2.00	5.27	
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	2.43	122	2.00	4.28	
Total Xylenes*	<0.150	0.150	02/02/2024	ND	7.20	120	6.00	4.37	
Total BTEX	<0.300	0.300	02/02/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/02/2024	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	02/02/2024	ND	217	108	200	7.06	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	238	119	200	5.87	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

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: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 56 3.5' (H240492-56)

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	02/02/2024	ND	2.22	111	2.00	4.48	
Toluene*	<0.050	0.050	02/02/2024	ND	2.33	116	2.00	5.27	
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	2.43	122	2.00	4.28	
Total Xylenes*	<0.150	0.150	02/02/2024	ND	7.20	120	6.00	4.37	
Total BTEX	<0.300	0.300	02/02/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/02/2024	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	02/02/2024	ND	217	108	200	7.06	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	238	119	200	5.87	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 57 3.5' (H240492-57)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2024	ND	2.22	111	2.00	4.48	
Toluene*	<0.050	0.050	02/02/2024	ND	2.33	116	2.00	5.27	
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	2.43	122	2.00	4.28	
Total Xylenes*	<0.150	0.150	02/02/2024	ND	7.20	120	6.00	4.37	
Total BTX	<0.300	0.300	02/02/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/02/2024	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	02/02/2024	ND	217	108	200	7.06	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	238	119	200	5.87	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 99.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.0 % 49.1-148

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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 58 3.5' (H240492-58)

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	02/02/2024	ND	2.22	111	2.00	4.48	
Toluene*	<0.050	0.050	02/02/2024	ND	2.33	116	2.00	5.27	
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	2.43	122	2.00	4.28	
Total Xylenes*	<0.150	0.150	02/02/2024	ND	7.20	120	6.00	4.37	
Total BTEx	<0.300	0.300	02/02/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/02/2024	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	02/02/2024	ND	217	108	200	7.06	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	238	119	200	5.87	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 59 3.5' (H240492-59)

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	02/02/2024	ND	2.22	111	2.00	4.48	
Toluene*	<0.050	0.050	02/02/2024	ND	2.33	116	2.00	5.27	
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	2.43	122	2.00	4.28	
Total Xylenes*	<0.150	0.150	02/02/2024	ND	7.20	120	6.00	4.37	
Total BTEx	<0.300	0.300	02/02/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	02/02/2024	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	02/02/2024	ND	217	108	200	7.06	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	238	119	200	5.87	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 97.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 60 3.5' (H240492-60)

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	02/02/2024	ND	2.22	111	2.00	4.48	
Toluene*	<0.050	0.050	02/02/2024	ND	2.33	116	2.00	5.27	
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	2.43	122	2.00	4.28	
Total Xylenes*	<0.150	0.150	02/02/2024	ND	7.20	120	6.00	4.37	
Total BTEX	<0.300	0.300	02/02/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	02/02/2024	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	02/02/2024	ND	217	108	200	7.06	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	238	119	200	5.87	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.0 % 49.1-148

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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 61 3.5' (H240492-61)

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	02/02/2024	ND	1.94	96.8	2.00	8.95	
Toluene*	<0.050	0.050	02/02/2024	ND	1.97	98.4	2.00	1.01	
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	2.05	102	2.00	0.729	
Total Xylenes*	<0.150	0.150	02/02/2024	ND	6.01	100	6.00	0.292	
Total BTEx	<0.300	0.300	02/02/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	02/02/2024	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	02/02/2024	ND	189	94.3	200	0.598	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	204	102	200	2.77	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 80.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.4 % 49.1-148

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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 62 3.5' (H240492-62)

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	02/02/2024	ND	1.94	96.8	2.00	8.95	
Toluene*	<0.050	0.050	02/02/2024	ND	1.97	98.4	2.00	1.01	
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	2.05	102	2.00	0.729	
Total Xylenes*	<0.150	0.150	02/02/2024	ND	6.01	100	6.00	0.292	
Total BTEX	<0.300	0.300	02/02/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	02/02/2024	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	02/02/2024	ND	189	94.3	200	0.598	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	204	102	200	2.77	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 83.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.2 % 49.1-148

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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 63 3.5' (H240492-63)

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	02/02/2024	ND	1.94	96.8	2.00	8.95		
Toluene*	<0.050	0.050	02/02/2024	ND	1.97	98.4	2.00	1.01		
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	2.05	102	2.00	0.729		
Total Xylenes*	<0.150	0.150	02/02/2024	ND	6.01	100	6.00	0.292		
Total BTEx	<0.300	0.300	02/02/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	02/02/2024	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	02/02/2024	ND	189	94.3	200	0.598	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	204	102	200	2.77	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 77.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.9 % 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: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 64 3.5' (H240492-64)

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	02/02/2024	ND	1.94	96.8	2.00	8.95	
Toluene*	<0.050	0.050	02/02/2024	ND	1.97	98.4	2.00	1.01	
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	2.05	102	2.00	0.729	
Total Xylenes*	<0.150	0.150	02/02/2024	ND	6.01	100	6.00	0.292	
Total BTEX	<0.300	0.300	02/02/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/02/2024	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	02/02/2024	ND	189	94.3	200	0.598	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	204	102	200	2.77	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 81.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.8 % 49.1-148

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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 65 3.5' (H240492-65)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2024	ND	1.94	96.8	2.00	8.95	
Toluene*	<0.050	0.050	02/02/2024	ND	1.97	98.4	2.00	1.01	
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	2.05	102	2.00	0.729	
Total Xylenes*	<0.150	0.150	02/02/2024	ND	6.01	100	6.00	0.292	
Total BTX	<0.300	0.300	02/02/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	02/02/2024	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	02/02/2024	ND	189	94.3	200	0.598	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	204	102	200	2.77	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 77.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.4 % 49.1-148

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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 66 3.5' (H240492-66)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2024	ND	1.94	96.8	2.00	8.95	
Toluene*	<0.050	0.050	02/02/2024	ND	1.97	98.4	2.00	1.01	
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	2.05	102	2.00	0.729	
Total Xylenes*	<0.150	0.150	02/02/2024	ND	6.01	100	6.00	0.292	
Total BTX	<0.300	0.300	02/02/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/02/2024	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	02/02/2024	ND	189	94.3	200	0.598	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	204	102	200	2.77	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 85.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.8 % 49.1-148

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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 67 3.5' (H240492-67)

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	02/02/2024	ND	1.94	96.8	2.00	8.95	
Toluene*	<0.050	0.050	02/02/2024	ND	1.97	98.4	2.00	1.01	
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	2.05	102	2.00	0.729	
Total Xylenes*	<0.150	0.150	02/02/2024	ND	6.01	100	6.00	0.292	
Total BTEX	<0.300	0.300	02/02/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/02/2024	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	02/02/2024	ND	189	94.3	200	0.598	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	204	102	200	2.77	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 81.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 68 3.5' (H240492-68)

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	02/02/2024	ND	1.94	96.8	2.00	8.95		
Toluene*	<0.050	0.050	02/02/2024	ND	1.97	98.4	2.00	1.01		
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	2.05	102	2.00	0.729		
Total Xylenes*	<0.150	0.150	02/02/2024	ND	6.01	100	6.00	0.292		
Total BTEx	<0.300	0.300	02/02/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	02/02/2024	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	02/02/2024	ND	189	94.3	200	0.598	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	204	102	200	2.77	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 75.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.7 % 49.1-148

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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 69 3.5' (H240492-69)

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	02/02/2024	ND	1.94	96.8	2.00	8.95		
Toluene*	<0.050	0.050	02/02/2024	ND	1.97	98.4	2.00	1.01		
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	2.05	102	2.00	0.729		
Total Xylenes*	<0.150	0.150	02/02/2024	ND	6.01	100	6.00	0.292		
Total BTEx	<0.300	0.300	02/02/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/02/2024	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	02/02/2024	ND	189	94.3	200	0.598	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	204	102	200	2.77	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 83.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.2 % 49.1-148

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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 70 3.5' (H240492-70)

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	02/02/2024	ND	1.94	96.8	2.00	8.95		
Toluene*	<0.050	0.050	02/02/2024	ND	1.97	98.4	2.00	1.01		
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	2.05	102	2.00	0.729		
Total Xylenes*	<0.150	0.150	02/02/2024	ND	6.01	100	6.00	0.292		
Total BTEx	<0.300	0.300	02/02/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	02/02/2024	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	02/02/2024	ND	189	94.3	200	0.598	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	204	102	200	2.77	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 81.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.2 % 49.1-148

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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 71 3.5' (H240492-71)

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	02/02/2024	ND	1.94	96.8	2.00	8.95	
Toluene*	<0.050	0.050	02/02/2024	ND	1.97	98.4	2.00	1.01	
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	2.05	102	2.00	0.729	
Total Xylenes*	<0.150	0.150	02/02/2024	ND	6.01	100	6.00	0.292	
Total BTEx	<0.300	0.300	02/02/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	02/02/2024	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	02/02/2024	ND	189	94.3	200	0.598	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	204	102	200	2.77	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 88.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.4 % 49.1-148

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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 72 3.5' (H240492-72)

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	02/02/2024	ND	1.94	96.8	2.00	8.95	
Toluene*	<0.050	0.050	02/02/2024	ND	1.97	98.4	2.00	1.01	
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	2.05	102	2.00	0.729	
Total Xylenes*	<0.150	0.150	02/02/2024	ND	6.01	100	6.00	0.292	
Total BTEX	<0.300	0.300	02/02/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	02/02/2024	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	02/02/2024	ND	189	94.3	200	0.598	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	204	102	200	2.77	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 88.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.2 % 49.1-148

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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 73 3.5' (H240492-73)

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	02/02/2024	ND	1.94	96.8	2.00	8.95	
Toluene*	<0.050	0.050	02/02/2024	ND	1.97	98.4	2.00	1.01	
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	2.05	102	2.00	0.729	
Total Xylenes*	<0.150	0.150	02/02/2024	ND	6.01	100	6.00	0.292	
Total BTEX	<0.300	0.300	02/02/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	02/02/2024	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	02/02/2024	ND	189	94.3	200	0.598	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	204	102	200	2.77	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 71.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.6 % 49.1-148

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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 74 3.5' (H240492-74)

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	02/02/2024	ND	1.94	96.8	2.00	8.95	
Toluene*	<0.050	0.050	02/02/2024	ND	1.97	98.4	2.00	1.01	
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	2.05	102	2.00	0.729	
Total Xylenes*	<0.150	0.150	02/02/2024	ND	6.01	100	6.00	0.292	
Total BTEX	<0.300	0.300	02/02/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	02/02/2024	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	02/02/2024	ND	189	94.3	200	0.598	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	204	102	200	2.77	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 89.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.1 % 49.1-148

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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 75 3.5' (H240492-75)

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	02/02/2024	ND	1.94	96.8	2.00	8.95	
Toluene*	<0.050	0.050	02/02/2024	ND	1.97	98.4	2.00	1.01	
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	2.05	102	2.00	0.729	
Total Xylenes*	<0.150	0.150	02/02/2024	ND	6.01	100	6.00	0.292	
Total BTEX	<0.300	0.300	02/02/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/02/2024	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	02/02/2024	ND	189	94.3	200	0.598	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	204	102	200	2.77	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 91.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 76 3.5' (H240492-76)

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	02/02/2024	ND	1.94	96.8	2.00	8.95		
Toluene*	<0.050	0.050	02/02/2024	ND	1.97	98.4	2.00	1.01		
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	2.05	102	2.00	0.729		
Total Xylenes*	<0.150	0.150	02/02/2024	ND	6.01	100	6.00	0.292		
Total BTEX	<0.300	0.300	02/02/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	02/02/2024	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	02/02/2024	ND	189	94.3	200	0.598	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	204	102	200	2.77	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 80.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.2 % 49.1-148

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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 77 3.5' (H240492-77)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2024	ND	1.94	96.8	2.00	8.95	
Toluene*	<0.050	0.050	02/02/2024	ND	1.97	98.4	2.00	1.01	
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	2.05	102	2.00	0.729	
Total Xylenes*	<0.150	0.150	02/02/2024	ND	6.01	100	6.00	0.292	
Total BTX	<0.300	0.300	02/02/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/02/2024	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	02/02/2024	ND	189	94.3	200	0.598	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	204	102	200	2.77	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 96.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.8 % 49.1-148

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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 78 3.5' (H240492-78)

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	02/02/2024	ND	1.94	96.8	2.00	8.95	
Toluene*	<0.050	0.050	02/02/2024	ND	1.97	98.4	2.00	1.01	
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	2.05	102	2.00	0.729	
Total Xylenes*	<0.150	0.150	02/02/2024	ND	6.01	100	6.00	0.292	
Total BTEX	<0.300	0.300	02/02/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	144	16.0	02/02/2024	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	02/02/2024	ND	189	94.3	200	0.598	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	204	102	200	2.77	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 88.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.8 % 49.1-148

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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 79 3.5' (H240492-79)

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	02/02/2024	ND	1.94	96.8	2.00	8.95		
Toluene*	<0.050	0.050	02/02/2024	ND	1.97	98.4	2.00	1.01		
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	2.05	102	2.00	0.729		
Total Xylenes*	<0.150	0.150	02/02/2024	ND	6.01	100	6.00	0.292		
Total BTEx	<0.300	0.300	02/02/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	02/02/2024	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	02/02/2024	ND	189	94.3	200	0.598	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	204	102	200	2.77	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 88.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.3 % 49.1-148

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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 80 3.5' (H240492-80)

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	02/02/2024	ND	1.94	96.8	2.00	8.95	
Toluene*	<0.050	0.050	02/02/2024	ND	1.97	98.4	2.00	1.01	
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	2.05	102	2.00	0.729	
Total Xylenes*	<0.150	0.150	02/02/2024	ND	6.01	100	6.00	0.292	
Total BTEx	<0.300	0.300	02/02/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	02/02/2024	ND	432	108	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	02/02/2024	ND	189	94.3	200	0.598	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	204	102	200	2.77	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 85.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.5 % 49.1-148

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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 81 3.5' (H240492-81)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2024	ND	2.01	101	2.00	6.87	
Toluene*	<0.050	0.050	02/02/2024	ND	2.01	101	2.00	7.24	
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	2.00	99.8	2.00	7.38	
Total Xylenes*	<0.150	0.150	02/02/2024	ND	6.07	101	6.00	6.30	
Total BTX	<0.300	0.300	02/02/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	02/02/2024	ND	432	108	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	02/02/2024	ND	192	96.2	200	1.11	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	176	88.1	200	3.93	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 95.1 % 48.2-134

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: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 82 3.5' (H240492-82)

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	02/02/2024	ND	2.01	101	2.00	6.87	
Toluene*	<0.050	0.050	02/02/2024	ND	2.01	101	2.00	7.24	
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	2.00	99.8	2.00	7.38	
Total Xylenes*	<0.150	0.150	02/02/2024	ND	6.07	101	6.00	6.30	
Total BTEX	<0.300	0.300	02/02/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/02/2024	ND	432	108	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	02/02/2024	ND	192	96.2	200	1.11	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	176	88.1	200	3.93	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 95.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.3 % 49.1-148

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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 83 3.5' (H240492-83)

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	02/02/2024	ND	2.01	101	2.00	6.87	
Toluene*	<0.050	0.050	02/02/2024	ND	2.01	101	2.00	7.24	
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	2.00	99.8	2.00	7.38	
Total Xylenes*	<0.150	0.150	02/02/2024	ND	6.07	101	6.00	6.30	
Total BTEX	<0.300	0.300	02/02/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/02/2024	ND	432	108	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	02/02/2024	ND	192	96.2	200	1.11	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	176	88.1	200	3.93	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 98.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 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: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 84 3.5' (H240492-84)

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	02/02/2024	ND	2.01	101	2.00	6.87	
Toluene*	<0.050	0.050	02/02/2024	ND	2.01	101	2.00	7.24	
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	2.00	99.8	2.00	7.38	
Total Xylenes*	<0.150	0.150	02/02/2024	ND	6.07	101	6.00	6.30	
Total BTEX	<0.300	0.300	02/02/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	02/02/2024	ND	432	108	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	02/02/2024	ND	192	96.2	200	1.11	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	176	88.1	200	3.93	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 85 3.5' (H240492-85)

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	02/02/2024	ND	2.01	101	2.00	6.87	
Toluene*	<0.050	0.050	02/02/2024	ND	2.01	101	2.00	7.24	
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	2.00	99.8	2.00	7.38	
Total Xylenes*	<0.150	0.150	02/02/2024	ND	6.07	101	6.00	6.30	
Total BTEX	<0.300	0.300	02/02/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	02/02/2024	ND	432	108	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	02/02/2024	ND	192	96.2	200	1.11	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	176	88.1	200	3.93	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 90.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.9 % 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: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: CS - 86 3.5' (H240492-86)

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	02/02/2024	ND	2.01	101	2.00	6.87	
Toluene*	<0.050	0.050	02/02/2024	ND	2.01	101	2.00	7.24	
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	2.00	99.8	2.00	7.38	
Total Xylenes*	<0.150	0.150	02/02/2024	ND	6.07	101	6.00	6.30	
Total BTEX	<0.300	0.300	02/02/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	848	16.0	02/02/2024	ND	432	108	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	02/02/2024	ND	192	96.2	200	1.11	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	176	88.1	200	3.93	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 84.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.4 % 49.1-148

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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: SW - 1 0-2' (H240492-87)

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	02/02/2024	ND	2.01	101	2.00	6.87		
Toluene*	<0.050	0.050	02/02/2024	ND	2.01	101	2.00	7.24		
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	2.00	99.8	2.00	7.38		
Total Xylenes*	<0.150	0.150	02/02/2024	ND	6.07	101	6.00	6.30		
Total BTEx	<0.300	0.300	02/02/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/02/2024	ND	432	108	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	02/02/2024	ND	192	96.2	200	1.11	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	176	88.1	200	3.93	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 92.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.4 % 49.1-148

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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: SW - 2 0-2' (H240492-88)

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	02/02/2024	ND	2.01	101	2.00	6.87		
Toluene*	<0.050	0.050	02/02/2024	ND	2.01	101	2.00	7.24		
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	2.00	99.8	2.00	7.38		
Total Xylenes*	<0.150	0.150	02/02/2024	ND	6.07	101	6.00	6.30		
Total BTEx	<0.300	0.300	02/02/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/02/2024	ND	432	108	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	02/02/2024	ND	192	96.2	200	1.11	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	176	88.1	200	3.93	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 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: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: SW - 3 0-2' (H240492-89)

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	02/02/2024	ND	2.01	101	2.00	6.87	
Toluene*	<0.050	0.050	02/02/2024	ND	2.01	101	2.00	7.24	
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	2.00	99.8	2.00	7.38	
Total Xylenes*	<0.150	0.150	02/02/2024	ND	6.07	101	6.00	6.30	
Total BTEX	<0.300	0.300	02/02/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/02/2024	ND	432	108	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	02/02/2024	ND	192	96.2	200	1.11	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	176	88.1	200	3.93	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 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: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: SW - 4 0-3.5' (H240492-90)

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	02/02/2024	ND	2.01	101	2.00	6.87	
Toluene*	<0.050	0.050	02/02/2024	ND	2.01	101	2.00	7.24	
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	2.00	99.8	2.00	7.38	
Total Xylenes*	<0.150	0.150	02/02/2024	ND	6.07	101	6.00	6.30	
Total BTEX	<0.300	0.300	02/02/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	02/02/2024	ND	432	108	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	02/02/2024	ND	192	96.2	200	1.11	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	176	88.1	200	3.93	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 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: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: SW - 5 0-3.5' (H240492-91)

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	02/02/2024	ND	2.01	101	2.00	6.87	
Toluene*	<0.050	0.050	02/02/2024	ND	2.01	101	2.00	7.24	
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	2.00	99.8	2.00	7.38	
Total Xylenes*	<0.150	0.150	02/02/2024	ND	6.07	101	6.00	6.30	
Total BTEX	<0.300	0.300	02/02/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/02/2024	ND	432	108	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	02/02/2024	ND	192	96.2	200	1.11	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	176	88.1	200	3.93	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 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: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: SW - 6 0-3.5' (H240492-92)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2024	ND	2.01	101	2.00	6.87	
Toluene*	<0.050	0.050	02/02/2024	ND	2.01	101	2.00	7.24	
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	2.00	99.8	2.00	7.38	
Total Xylenes*	<0.150	0.150	02/02/2024	ND	6.07	101	6.00	6.30	
Total BTX	<0.300	0.300	02/02/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	02/02/2024	ND	432	108	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	02/02/2024	ND	192	96.2	200	1.11	
DRO >C10-C28*	<10.0	10.0	02/02/2024	ND	176	88.1	200	3.93	
EXT DRO >C28-C36	<10.0	10.0	02/02/2024	ND					

Surrogate: 1-Chlorooctane 94.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: SW - 7 0-3.5' (H240492-93)

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	02/02/2024	ND	2.01	101	2.00	6.87		
Toluene*	<0.050	0.050	02/02/2024	ND	2.01	101	2.00	7.24		
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	2.00	99.8	2.00	7.38		
Total Xylenes*	<0.150	0.150	02/02/2024	ND	6.07	101	6.00	6.30		
Total BTEX	<0.300	0.300	02/02/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/02/2024	ND	432	108	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	02/03/2024	ND	192	96.2	200	1.11	
DRO >C10-C28*	<10.0	10.0	02/03/2024	ND	176	88.1	200	3.93	
EXT DRO >C28-C36	<10.0	10.0	02/03/2024	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: SW - 8 0-3.5' (H240492-94)

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	02/02/2024	ND	2.01	101	2.00	6.87	
Toluene*	<0.050	0.050	02/02/2024	ND	2.01	101	2.00	7.24	
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	2.00	99.8	2.00	7.38	
Total Xylenes*	<0.150	0.150	02/02/2024	ND	6.07	101	6.00	6.30	
Total BTEX	<0.300	0.300	02/02/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/02/2024	ND	432	108	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	02/03/2024	ND	192	96.2	200	1.11	
DRO >C10-C28*	<10.0	10.0	02/03/2024	ND	176	88.1	200	3.93	
EXT DRO >C28-C36	<10.0	10.0	02/03/2024	ND					

Surrogate: 1-Chlorooctane 92.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: SW - 9 0-2' (H240492-95)

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	02/02/2024	ND	2.01	101	2.00	6.87	
Toluene*	<0.050	0.050	02/02/2024	ND	2.01	101	2.00	7.24	
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	2.00	99.8	2.00	7.38	
Total Xylenes*	<0.150	0.150	02/02/2024	ND	6.07	101	6.00	6.30	
Total BTEX	<0.300	0.300	02/02/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/02/2024	ND	432	108	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	02/03/2024	ND	192	96.2	200	1.11	
DRO >C10-C28*	<10.0	10.0	02/03/2024	ND	176	88.1	200	3.93	
EXT DRO >C28-C36	<10.0	10.0	02/03/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: SW - 10 2-3.5' (H240492-96)

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	02/02/2024	ND	2.01	101	2.00	6.87	
Toluene*	<0.050	0.050	02/02/2024	ND	2.01	101	2.00	7.24	
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	2.00	99.8	2.00	7.38	
Total Xylenes*	<0.150	0.150	02/02/2024	ND	6.07	101	6.00	6.30	
Total BTEX	<0.300	0.300	02/02/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/02/2024	ND	432	108	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	02/03/2024	ND	192	96.2	200	1.11	
DRO >C10-C28*	<10.0	10.0	02/03/2024	ND	176	88.1	200	3.93	
EXT DRO >C28-C36	<10.0	10.0	02/03/2024	ND					

Surrogate: 1-Chlorooctane 90.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: SW - 11 2-3.5' (H240492-97)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/02/2024	ND	2.01	101	2.00	6.87		
Toluene*	<0.050	0.050	02/02/2024	ND	2.01	101	2.00	7.24		
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	2.00	99.8	2.00	7.38		
Total Xylenes*	<0.150	0.150	02/02/2024	ND	6.07	101	6.00	6.30		
Total BTX	<0.300	0.300	02/02/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	432	16.0	02/02/2024	ND	432	108	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	02/03/2024	ND	192	96.2	200	1.11	
DRO >C10-C28*	<10.0	10.0	02/03/2024	ND	176	88.1	200	3.93	
EXT DRO >C28-C36	<10.0	10.0	02/03/2024	ND					

Surrogate: 1-Chlorooctane 82.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/01/2024
 Reported: 02/04/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/01/2024
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Dionica Hinojos

Sample ID: SW - 12 2-3.5' (H240492-98)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2024	ND	2.01	101	2.00	6.87	
Toluene*	<0.050	0.050	02/02/2024	ND	2.01	101	2.00	7.24	
Ethylbenzene*	<0.050	0.050	02/02/2024	ND	2.00	99.8	2.00	7.38	
Total Xylenes*	<0.150	0.150	02/02/2024	ND	6.07	101	6.00	6.30	
Total BTX	<0.300	0.300	02/02/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	02/02/2024	ND	432	108	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	02/03/2024	ND	192	96.2	200	1.11	QR-03
DRO >C10-C28*	<10.0	10.0	02/03/2024	ND	176	88.1	200	3.93	
EXT DRO >C28-C36	<10.0	10.0	02/03/2024	ND					

Surrogate: 1-Chlorooctane 90.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- 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 recovery.
- BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: <u>NTGE</u>		P.O. #:		BILL TO		ANALYSIS REQUEST														
Project Manager: <u>Ethan Sessions</u>		Company:																		
Address: <u>209 W Melan</u>		Attn:																		
City: <u>Artesia</u>		Address:																		
Phone #: <u>354 266, 5456</u>		City:																		
Fax #:		State:																		
Project #:		Zip:																		
Project Name: <u>Barton Flat</u>		Phone #:																		
Project Location: <u>Eddy County</u>		Fax #:																		
Sampler Name: <u>Chlorine</u>																				
FOR LAB USE ONLY																				
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX		PRESERV.	SAMPLING													
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME						
<u>H344492</u>		<u>✓</u>	<u>1</u>	<u>✓</u>									<u>2-1</u>	<u>9:00</u>						
<u>1</u>	<u>CS-1</u>	<u>2'</u>																		
<u>2</u>	<u>CS-2</u>	<u>2'</u>																		
<u>3</u>	<u>CS-3</u>	<u>2'</u>																		
<u>4</u>	<u>CS-4</u>	<u>2'</u>																		
<u>5</u>	<u>CS-5</u>	<u>2'</u>																		
<u>6</u>	<u>CS-6</u>	<u>2'</u>																		
<u>7</u>	<u>CS-7</u>	<u>2'</u>																		
<u>8</u>	<u>CS-8</u>	<u>2'</u>																		
<u>9</u>	<u>CS-9</u>	<u>2'</u>																		
<u>10</u>	<u>CS-10</u>	<u>2'</u>																		
<p>PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising from this contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.</p>																				
Relinquished By: <u>[Signature]</u>		Date: <u>2-1</u>		Received By: <u>[Signature]</u>		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:		All Results are emailed. Please provide Email address:												
Time: <u>2:30</u>		Date: <u>[Signature]</u>		Time: <u>[Signature]</u>		REMARKS:														
Delivered By: (Circle One)		Observed Temp. °C: <u>7.7°C</u>		Corrected Temp. °C		Sample Condition		CHECKED BY: (Initials)		Turnaround Time:		Standard		Bacteria (only)		Sample Condition				
Sampler - UPS - Bus - Other:		Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>		Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>		Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>		Thermometer ID #140		Correction Factor 0°C		Rush <input type="checkbox"/>		Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>		Observed Temp. °C				
FORM 006 R 3-97 07/11/20		† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com																		



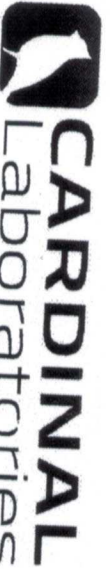
**101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476**

Page 102 of 110



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

Page 103 of 110



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name:

Project Manager:

Address:

City:

Phone #:

Project #:

Project Name:

Project Location:

Sample Name:

FOR LAB USE ONLY

BILL TO

P.O. #:

Company:

Attn:

Address:

City:

State:

Phone #:

Fax #:

ANALYSIS REQUEST

Lab I.D.

Sample I.D.

31

32

33

34

35

36

37

38

39

40

CS-31

CS-32

CS-33

CS-34

CS-35

CS-36

CS-37

CS-38

CS-39

CS-40

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

2-1

10:00

TPH

Chlorides

BTEX

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Relinquished By:

Date: 2-1

Time: 2:30

Date:

Time:

Date:

Time:

Date:

Time:

Date:

Time:

Date:

Time:

Verbal Result:

Yes

No

Add'l Phone #:

All Results are emailed. Please provide Email address:

REMARKS:

Turnaround Time:

Standard

Rush

Thermometer ID #40

Correction Factor 0.0

Corrected Temp. °C

Bacteria (only)

Cool

Intact

Yes

No

Corrected Temp. °C

Observed Temp. °C

Sample Condition

Corrected Temp. °C

Observed Temp. °C

Sample Condition

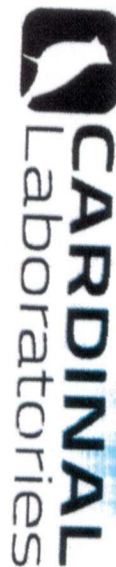
Corrected Temp. °C



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: <u>NTGE</u>		P.O. #:		BILL TO										ANALYSIS REQUEST																									
Project Manager: <u>Ethan Seguros</u>		Company:																																					
Address: <u>209 W. Main</u>		Attn:																																					
City: <u>Las Alamos</u>		Address:																																					
Phone #: <u>505 266 5456</u>		City:																																					
Project #:		State:																																					
Project Name: <u>Burton Flat</u>		Project Owner: <u>Devin</u>																																					
Project Location: <u>Eddy County</u>		City:																																					
Sample Name: <u>Water Sample</u>		State:																																					
FOR LAB USE ONLY		Phone #:																																					
Fax #:		Zip:																																					
Lab I.D. <u>H40492</u>		Sample I.D. <u>CS-41</u>		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER:		ACID/BASE:		ICE / COOL		OTHER:		DATE		TIME											
41		2		1		1		X																		2-1		10:15		pH Chlorides BTEX									
42		2																																					
43		2																																					
44		2																																					
45		2																																					
46		2																																					
47		3.5																																					
48		3.5																																					
49		3.5																																					
50		3.5																																					



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

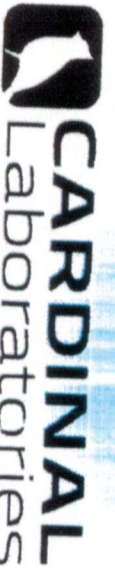
Company Name: NTC		P.O. #:		BILL TO		ANALYSIS REQUEST	
Project Manager: Ethan Sedgums		Company:					
Address: 209 W. Michigan		Attn:					
City: Carlsbad		Address:					
Phone #: 761-266-5456		City:					
Fax #:		State:					
Project #:		Zip:					
Project Owner: Devin		Phone #:					
Project Name: Barton Flat		Fax #:					
Project Location: Eddy County							
Sampler Name: Tyler Clumbell							
FOR LAB USE ONLY							
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX		PRESERV.	SAMPLING
				GROUNDWATER			
				WASTEWATER			
				SOIL			
				OIL			
				SLUDGE			
				OTHER:			
				ACID/BASE:			
				ICE / COOL			
				OTHER:			
				DATE	TIME		
AB40492	CS-51	3.5'	1	2-1	10:30		
	CS-52	3.5'					
	CS-53	3.5'					
	CS-54	3.5'					
	CS-55	3.5'					
	CS-56	3.5'					
	CS-57	3.5'					
	CS-58	3.5'					
	CS-59	3.5'					
	CS-60	3.5'					
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Relinquished By: [Signature]		Date: 2-1		Received By: [Signature]		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:	
Time: 2:30		Date: 2-1		Received By: [Signature]		All Results are emailed. Please provide Email address:	
Time:		Time:		REMARKS:			
Delivered By: (Circle One)		Observed Temp. °C: 7.7°C		Sample Condition		CHECKED BY: (Initials)	
Sampler - UPS - Bus - Other:		Corrected Temp. °C		Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>			
Turnaround Time:		Standard <input type="checkbox"/> Rush <input type="checkbox"/>		Bacteria (only) <input type="checkbox"/>		Sample Condition <input type="checkbox"/>	
Thermometer ID #140		Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>		Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>		Observed Temp. °C	
Correction Factor 0°C		Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>		Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>		Corrected Temp. °C	
† Cardinal cannot accept verbal changes. Please email changes to calvin.kennedy@cardinalinc.com							



101 East Marland, Hobbs, NM 88240
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: NTE Project Manager: Ethan Segums Address: 209 W. Melan City: Lordsburg State: NM Zip: 88226 Phone #: 854 266, 5456 Fax #: Project #: Project Name: Burton Flat Project Location: Eddy County Sampler Name: Caley Keene		P.O. #: Company: Attn: Address: City: State: Zip: Phone #: Fax #:	
Lab I.D. Sample I.D.		BILL TO	
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services rendered by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.		ANALYSIS REQUEST	
Relinquished By: Date: 2-1 Time: 2:30 Received By: Date: 2-1 Time: 2:30		REMARKS:	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Observed Temp. °C: 7.72 Corrected Temp. °C:	
Sample Condition Cool <input type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Bacteria (only) <input type="checkbox"/> Sample Condition <input checked="" type="checkbox"/> Cool <input type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Observed Temp. °C:	
Thermometer ID #140 Correction Factor 0°C:		Corrected Temp. °C:	
† Cardinal cannot accept verbal changes. Please email changes to caley.keene@cardinallabsnm.com			



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: NTCE		P.O. #:		ANALYSIS REQUEST	
Project Manager: Ethan Segums		Company:			
Address: 209 W Melan		Attn:			
City: Las Alamos		Address:			
Phone #: 505 266 5456		City:			
Fax #:		State:			
Project #:		Zip:			
Project Name: Burton Flat		Phone #:			
Project Location: El Paso County		Fax #:			
Sampler Name: Cathy Campbell					

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	ANALYSIS REQUEST						
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:			ICE / COOL	OTHER :					
71	CS-71		1			X						2-1	10:45						
72	CS-72		1																
73	CS-73		1																
74	CS-74		1																
75	CS-75		1																
76	CS-76		1																
77	CS-77		1																
78	CS-78		1																
79	CS-79		1																
80	CS-80		1																

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Relinquished By:	Date: 2-1	Received By:	Date: 2-1
Time: 2:30	Time: 10:45		
Date: 2-1	Date: 2-1		
Time: 2:30	Time: 10:45		

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

Observed Temp. °C **77.2** Corrected Temp. °C **77.2**

Sample Condition: Cool ☒ Intact ☒ Yes ☐ No ☐ Yes ☐ No ☐ No

Checked By: **124**

Turnaround Time: **Standard** Rush ☐ Bacteria (only) ☐ Sample Condition ☐ Observed Temp. °C ☐ Corrected Temp. °C ☐

Thermometer ID #140 **2186**

Correction Factor 0°C **0.0**

Remarks: **Test chlorides BTEX**

Verbal Result: ☐ Yes ☐ No ☐ Add'l Phone #:

All Results are emailed. Please provide Email address:



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: NTE Project Manager: Ethan Seguros Address: 209 W Melan City: Las Alamos State: NM Zip: 88220 Phone #: 505 266 5456 Fax #: Project #: Project Name: Barton Flat Project Location: Eddy County Sampler Name: Carter Chubbell <small>FOR LAB USE ONLY</small>		BILL TO P.O. #: Company: Attn: Address: City: State: Zip: Phone #: Fax #:		ANALYSIS REQUEST	
Lab I.D. H240492 81 82 83 84 85 86 87 88 89 90	Sample I.D. CS-81 3.5' CS-82 3.5' CS-83 3.5' CS-84 3.5' CS-85 3.5' CS-86 3.5' SW-1 0-2' SW-2 0-2' SW-3 0-2' SW-4 0-3.5'	MATRIX <input checked="" type="checkbox"/> (G)RAB OR (C)OMP. <input type="checkbox"/> # CONTAINERS <input type="checkbox"/> GROUNDWATER <input checked="" type="checkbox"/> WASTEWATER <input type="checkbox"/> SOIL <input type="checkbox"/> OIL <input type="checkbox"/> SLUDGE <input type="checkbox"/> OTHER: <input type="checkbox"/> ACID/BASE: <input type="checkbox"/> ICE / COOL <input type="checkbox"/> OTHER:		PRESERV. <input checked="" type="checkbox"/> DATE 2-1 11:00	
		SAMPLING TRIT Chlorides BTEX			
REMARKS: All Results are emailed. Please provide Email address:					

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Page 110 of 110



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

February 12, 2024

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: BURTON FLAT

Enclosed are the results of analyses for samples received by the laboratory on 02/08/24 15:20.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/08/2024
 Reported: 02/12/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/08/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shari Cisneros

Sample ID: CS - 7 3' (H240610-01)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	2.22	111	2.00	0.531	
Toluene*	<0.050	0.050	02/08/2024	ND	2.21	110	2.00	0.559	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	2.17	109	2.00	0.398	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	6.34	106	6.00	0.593	
Total BTEX	<0.300	0.300	02/08/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	02/09/2024	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	02/08/2024	ND	209	104	200	9.38	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	218	109	200	20.3	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					

Surrogate: 1-Chlorooctane 80.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/08/2024
 Reported: 02/12/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/08/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shari Cisneros

Sample ID: SW - 13 2-3' (H240610-02)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	2.22	111	2.00	0.531	
Toluene*	<0.050	0.050	02/08/2024	ND	2.21	110	2.00	0.559	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	2.17	109	2.00	0.398	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	6.34	106	6.00	0.593	
Total BTX	<0.300	0.300	02/08/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	02/09/2024	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	02/08/2024	ND	209	104	200	9.38	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	218	109	200	20.3	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					

Surrogate: 1-Chlorooctane 84.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/08/2024
 Reported: 02/12/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/08/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shari Cisneros

Sample ID: CS - 27 3' (H240610-03)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	1.99	99.7	2.00	4.10	
Toluene*	<0.050	0.050	02/08/2024	ND	2.08	104	2.00	2.88	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	2.06	103	2.00	3.04	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	6.24	104	6.00	2.82	
Total BTEX	<0.300	0.300	02/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	02/09/2024	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	02/08/2024	ND	211	106	200	0.616	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	207	104	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					

Surrogate: 1-Chlorooctane 84.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/08/2024
 Reported: 02/12/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/08/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shari Cisneros

Sample ID: SW - 14 2-3' (H240610-04)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	1.99	99.7	2.00	4.10	
Toluene*	<0.050	0.050	02/08/2024	ND	2.08	104	2.00	2.88	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	2.06	103	2.00	3.04	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	6.24	104	6.00	2.82	
Total BTX	<0.300	0.300	02/08/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	02/09/2024	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	02/08/2024	ND	211	106	200	0.616	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	207	104	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					

Surrogate: 1-Chlorooctane 80.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/08/2024
 Reported: 02/12/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/08/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shari Cisneros

Sample ID: CS - 38 3' (H240610-05)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	1.99	99.7	2.00	4.10	
Toluene*	<0.050	0.050	02/08/2024	ND	2.08	104	2.00	2.88	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	2.06	103	2.00	3.04	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	6.24	104	6.00	2.82	
Total BTEX	<0.300	0.300	02/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/09/2024	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	02/08/2024	ND	211	106	200	0.616	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	207	104	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					

Surrogate: 1-Chlorooctane 80.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/08/2024
 Reported: 02/12/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/08/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shari Cisneros

Sample ID: SW - 15 2-3' (H240610-06)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	1.99	99.7	2.00	4.10	
Toluene*	<0.050	0.050	02/08/2024	ND	2.08	104	2.00	2.88	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	2.06	103	2.00	3.04	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	6.24	104	6.00	2.82	
Total BTEX	<0.300	0.300	02/08/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	02/09/2024	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	02/08/2024	ND	211	106	200	0.616	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	207	104	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					

Surrogate: 1-Chlorooctane 81.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/08/2024
 Reported: 02/12/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/08/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shari Cisneros

Sample ID: SW - 16 3-3.5' (H240610-07)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	1.99	99.7	2.00	4.10	
Toluene*	<0.050	0.050	02/08/2024	ND	2.08	104	2.00	2.88	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	2.06	103	2.00	3.04	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	6.24	104	6.00	2.82	
Total BTEx	<0.300	0.300	02/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1360	16.0	02/09/2024	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	02/08/2024	ND	211	106	200	0.616	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	207	104	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					

Surrogate: 1-Chlorooctane 86.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/08/2024
 Reported: 02/12/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/08/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shari Cisneros

Sample ID: CS - 51 4.5' (H240610-08)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	1.99	99.7	2.00	4.10	
Toluene*	<0.050	0.050	02/08/2024	ND	2.08	104	2.00	2.88	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	2.06	103	2.00	3.04	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	6.24	104	6.00	2.82	
Total BTEX	<0.300	0.300	02/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	02/09/2024	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	02/08/2024	ND	211	106	200	0.616	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	207	104	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					

Surrogate: 1-Chlorooctane 86.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/08/2024
 Reported: 02/12/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/08/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shari Cisneros

Sample ID: SW - 17 2-4.5' (H240610-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/08/2024	ND	1.99	99.7	2.00	4.10		
Toluene*	<0.050	0.050	02/08/2024	ND	2.08	104	2.00	2.88		
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	2.06	103	2.00	3.04		
Total Xylenes*	<0.150	0.150	02/08/2024	ND	6.24	104	6.00	2.82		
Total BTEx	<0.300	0.300	02/08/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/09/2024	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	02/08/2024	ND	211	106	200	0.616	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	207	104	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					

Surrogate: 1-Chlorooctane 84.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/08/2024
 Reported: 02/12/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/08/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shari Cisneros

Sample ID: SW - 18 3.5-4.5' (H240610-10)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	1.99	99.7	2.00	4.10	
Toluene*	<0.050	0.050	02/08/2024	ND	2.08	104	2.00	2.88	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	2.06	103	2.00	3.04	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	6.24	104	6.00	2.82	
Total BTX	<0.300	0.300	02/08/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/09/2024	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	02/08/2024	ND	211	106	200	0.616	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	207	104	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					

Surrogate: 1-Chlorooctane 83.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/08/2024
 Reported: 02/12/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/08/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shari Cisneros

Sample ID: CS - 86 4.5' (H240610-11)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	1.99	99.7	2.00	4.10	
Toluene*	<0.050	0.050	02/08/2024	ND	2.08	104	2.00	2.88	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	2.06	103	2.00	3.04	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	6.24	104	6.00	2.82	
Total BTX	<0.300	0.300	02/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/09/2024	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	02/08/2024	ND	211	106	200	0.616	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	207	104	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					

Surrogate: 1-Chlorooctane 73.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/08/2024
 Reported: 02/12/2024
 Project Name: BURTON FLAT
 Project Number: NONE GIVEN
 Project Location: DEVON - EDDY CO.

Sampling Date: 02/08/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shari Cisneros

Sample ID: SW - 19 3.5-4.5' (H240610-12)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/08/2024	ND	1.99	99.7	2.00	4.10		
Toluene*	<0.050	0.050	02/08/2024	ND	2.08	104	2.00	2.88		
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	2.06	103	2.00	3.04		
Total Xylenes*	<0.150	0.150	02/08/2024	ND	6.24	104	6.00	2.82		
Total BTEX	<0.300	0.300	02/08/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	02/09/2024	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	02/08/2024	ND	211	106	200	0.616	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	207	104	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					

Surrogate: 1-Chlorooctane 83.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.0 % 49.1-148

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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A handwritten signature in cursive script, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



Company Name: HTC

Page 16 of 16

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

February 22, 2024

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: BURTON FLAT

Enclosed are the results of analyses for samples received by the laboratory on 02/16/24 14:55.

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

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

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

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

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

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

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

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BURTON FLAT
Project Number: 237289
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
22-Feb-24 13:20

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SW - 16A 3 - 3.5	H240764-01	Soil	16-Feb-24 09:00	16-Feb-24 14:55

02/22/24 - Client changed the sample ID (see COC). This is the revised report and will replace the one sent on 02/21/24.

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Analytical Results For:

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

Project: BURTON FLAT
Project Number: 237289
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
22-Feb-24 13:20

SW - 16A 3 - 3.5
H240764-01 (Soil)

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

Chloride	96.0		16.0	mg/kg	4	4021914	AC	19-Feb-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4021621	JH	17-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4021621	JH	17-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4021621	JH	17-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4021621	JH	17-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4021621	JH	17-Feb-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 71.5-134 4021621 JH 17-Feb-24 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4021903	MS	19-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4021903	MS	19-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4021903	MS	19-Feb-24	8015B	

Surrogate: 1-Chlorooctane 85.0 % 48.2-134 4021903 MS 19-Feb-24 8015B

Surrogate: 1-Chlorooctadecane 86.1 % 49.1-148 4021903 MS 19-Feb-24 8015B

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Analytical Results For:

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

Project: BURTON FLAT
Project Number: 237289
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
22-Feb-24 13:20

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
Batch 4021914 - 1:4 DI Water									
Blank (4021914-BLK1)					Prepared & Analyzed: 19-Feb-24				
Chloride	ND	16.0	mg/kg						
LCS (4021914-BS1)					Prepared & Analyzed: 19-Feb-24				
Chloride	448	16.0	mg/kg	400		112	80-120		
LCS Dup (4021914-BSD1)					Prepared & Analyzed: 19-Feb-24				
Chloride	464	16.0	mg/kg	400		116	80-120	3.51	20

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Analytical Results For:

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

Project: BURTON FLAT
Project Number: 237289
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
22-Feb-24 13:20

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4021621 - Volatiles**Blank (4021621-BLK1)**

Prepared: 16-Feb-24 Analyzed: 17-Feb-24

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		98.3	71.5-134			

LCS (4021621-BS1)

Prepared & Analyzed: 16-Feb-24

Benzene	1.99	0.050	mg/kg	2.00		99.5	82.8-130			
Toluene	1.97	0.050	mg/kg	2.00		98.5	86-128			
Ethylbenzene	1.96	0.050	mg/kg	2.00		97.9	85.9-128			
m,p-Xylene	3.79	0.100	mg/kg	4.00		94.7	89-129			
o-Xylene	1.91	0.050	mg/kg	2.00		95.5	86.1-125			
Total Xylenes	5.70	0.150	mg/kg	6.00		95.0	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0495		mg/kg	0.0500		99.0	71.5-134			

LCS Dup (4021621-BSD1)

Prepared: 16-Feb-24 Analyzed: 17-Feb-24

Benzene	2.21	0.050	mg/kg	2.00		111	82.8-130	10.6	15.8	
Toluene	2.19	0.050	mg/kg	2.00		110	86-128	10.6	15.9	
Ethylbenzene	2.17	0.050	mg/kg	2.00		108	85.9-128	10.3	16	
m,p-Xylene	4.20	0.100	mg/kg	4.00		105	89-129	10.4	16.2	
o-Xylene	2.12	0.050	mg/kg	2.00		106	86.1-125	10.6	16.7	
Total Xylenes	6.33	0.150	mg/kg	6.00		105	88.2-128	10.4	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0495		mg/kg	0.0500		98.9	71.5-134			

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Analytical Results For:

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

Project: BURTON FLAT
Project Number: 237289
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
22-Feb-24 13:20

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4021903 - General Prep - Organics**Blank (4021903-BLK1)**

Prepared & Analyzed: 19-Feb-24

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	45.2		mg/kg	50.0		90.3	48.2-134			
Surrogate: 1-Chlorooctadecane	47.2		mg/kg	50.0		94.4	49.1-148			

LCS (4021903-BS1)

Prepared & Analyzed: 19-Feb-24

GRO C6-C10	205	10.0	mg/kg	200		103	66.4-123			
DRO >C10-C28	191	10.0	mg/kg	200		95.4	66.5-118			
Total TPH C6-C28	396	10.0	mg/kg	400		99.0	77.6-123			
Surrogate: 1-Chlorooctane	49.2		mg/kg	50.0		98.4	48.2-134			
Surrogate: 1-Chlorooctadecane	48.6		mg/kg	50.0		97.2	49.1-148			

LCS Dup (4021903-BSD1)

Prepared & Analyzed: 19-Feb-24

GRO C6-C10	204	10.0	mg/kg	200		102	66.4-123	0.713	17.7	
DRO >C10-C28	193	10.0	mg/kg	200		96.6	66.5-118	1.25	21	
Total TPH C6-C28	397	10.0	mg/kg	400		99.2	77.6-123	0.237	18.5	
Surrogate: 1-Chlorooctane	50.5		mg/kg	50.0		101	48.2-134			
Surrogate: 1-Chlorooctadecane	49.1		mg/kg	50.0		98.3	49.1-148			

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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: NTG Project Manager: Ethan Sessions Address: 209 W Melway City: Carlsbad State: NM zip: 88226 Phone #: 254-266-5454 Fax #: _____ Project #: 237289 Project Owner: Devon Project Name: Burton Flat City: _____ State: _____ Zip: _____ Project Location: Eddy County Phone #: _____ Fax #: _____ Sampler Name: Tyler Kumball										BILL TO P.O. #: _____ Company: _____ Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____										ANALYSIS REQUEST																			
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Relinquished By: _____ Relinquished By: _____ Date: 2-16 Received By: _____ Time: 2:55 Date: _____ Time: _____										Sample I.D. HC40764 Lab I.D. SW-16A 3-3.5 (G)RAB OR (C)OMP. C # CONTAINERS 1 GROUNDWATER _____ WASTEWATER _____ SOIL X OIL _____ SLUDGE _____ OTHER: _____ ACID/BASE: _____ ICE / COOL _____ OTHER: _____										MATRIX _____ PRESERV _____ SAMPLING _____ DATE 2-16 TIME 9:00 PH Chlorides BTEX																			
Delivered By: (Circle One) Sampler - UPS - Bus - Other: _____ Observed Temp. °C 3.4 Corrected Temp. °C _____ Sample Condition <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No CHECKED BY: (Initials) AK										Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: _____ All Results are emailed. Please provide Email address: _____ Turnaround Time: _____ Thermometer ID #140 _____ Correction Factor 0°C _____ Standard <input type="checkbox"/> Bacteria (only) <input type="checkbox"/> Sample Condition <input type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C _____										REMARKS: *Customer requested sample for water. Spodiskensky 2-22-24 Rush																			

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

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

QUESTIONS

Action 316607

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	316607
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2325041552
Incident Name	NAPP2325041552 BURTON FLAT DEEP UNIT #044 @ 30-015-32274
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-015-32274] BURTON FLAT DEEP UNIT #044

Location of Release Source	
Please answer all the questions in this group.	
Site Name	BURTON FLAT DEEP UNIT #044
Date Release Discovered	09/06/2023
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Pipeline (Any) Produced Water Released: 1 BBL Recovered: 0 BBL Lost: 1 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Operator saw water spraying out of a 4" poly lie on the south side of the lease road leaving the BFDU 44 SWD. Valves were closed downstream to stop the leak. A 4" clamp was installed on the poly line. A truck was called to recover fluids, but all fluids had soaked into the ground by the time it arrived. Spill was offsite.

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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 2

Action 316607

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:
	6137
	Action Number:
	316607
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	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	Unavailable.
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
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	False
All free liquids and recoverable materials have been removed and managed appropriately	False
If all the actions described above have not been undertaken, explain why	Fluids soaked into the ground before they could be recovered by a truck.

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

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

I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmn.com Date: 02/22/2024
--	--

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Santa Fe, NM 87505

QUESTIONS, Page 3

Action 316607

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 316607
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS**Site Characterization**

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

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Less than or equal 25 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between ½ and 1 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between ½ and 1 (mi.)
Any other fresh water well or spring	Between ½ and 1 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Between ½ and 1 (mi.)
A subsurface mine	Between 1 and 5 (mi.)
An (non-karst) unstable area	Zero feet, overlying, or within area
Categorize the risk of this well / site being in a karst geology	High
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan

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

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

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

Chloride	(EPA 300.0 or SM4500 Cl B)	9000
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	10
GRO+DRO	(EPA SW-846 Method 8015M)	10
BTEX	(EPA SW-846 Method 8021B or 8260B)	0.3
Benzene	(EPA SW-846 Method 8021B or 8260B)	0

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

On what estimated date will the remediation commence	02/01/2024
On what date will (or did) the final sampling or liner inspection occur	02/16/2024
On what date will (or was) the remediation complete(d)	02/21/2024
What is the estimated surface area (in square feet) that will be reclaimed	16747
What is the estimated volume (in cubic yards) that will be reclaimed	1705
What is the estimated surface area (in square feet) that will be remediated	16747
What is the estimated volume (in cubic yards) that will be remediated	1705

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

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

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QUESTIONS, Page 4

Action 316607

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	316607
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>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.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	LEA LAND LANDFILL [fEEM0112342028]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>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>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmn.com Date: 02/22/2024
<i>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.</i>	

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QUESTIONS, Page 5

Action 316607

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:
	6137
	Action Number:
	316607
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 316607

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	316607
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	313881
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/16/2024
What was the (estimated) number of samples that were to be gathered	1
What was the sampling surface area in square feet	50

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	16747
What was the total volume (cubic yards) remediated	1705
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	16747
What was the total volume (in cubic yards) reclaimed	1705
Summarize any additional remediation activities not included by answers (above)	see report

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

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

I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmn.com Date: 02/22/2024
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QUESTIONS, Page 7

Action 316607

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	316607
	Action Type:	
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

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

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CONDITIONS

Action 316607

CONDITIONS

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	Action Number: 316607
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #NAPP2325041552 BURTON FLAT DEEP UNIT #044, thank you. This Remediation Closure Report is approved.	4/23/2024