

Volume calculator

There was no volume calculator prepared when the spill occurred.



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January 11, 2024

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

Re: Site Characterization and Remediation Work Plan  
Transfer Line from Terrapin Frac Pond to Arabian 30-19 Fed Com 2H  
Unit M, Section 2, Township 26S, Range 31E  
32.067261, -103.757277  
Eddy County, New Mexico  
Incident ID: nOY1730057049

## **1. Introduction**

On behalf of Devon Energy Production Company (Devon), New Tech Global Environmental, LLC (NTGE) has prepared this Site Characterization and Remediation Work Plan for submittal to the New Mexico Oil Conservation Division (NMCOD) District 2 Office in Artesia, New Mexico to document site assessment and sample analysis results for the Transfer Line from Terrapin Frac Pond to Arabian 30-19 Fed Com 2H (Site). The Site is located in Unit Letter M, Section 2, of Township 26 South and Range 31 East in Eddy County, New Mexico. The GPS coordinates for the release site are 32.067261° N latitude and 103.757277° W longitude. The Site location with respect to the nearest town is shown in Figure 1 and the topography of the area is shown in Figure 2.

## **2. Background**

Based on the Release Notification C-141 Form, the release occurred on October 10<sup>th</sup>, 2017. The release occurred while transferring treated produced water from the Terrapin Frac Pond to the Arabian 30-19 Fed Com #2H, allowing the booster pump to over pressure and the lay flat hose to rupture, releasing produced water on the ground. Upon discovery, the Site was shut-in and repairs ensued. The spill resulted in a release of approximately two hundred and eighty-one (281) barrels (bbls) of produced water of which a hundred and forty-five (145) bbls of produced water were recovered for an approximate net loss of a hundred and thirty-six (136) bbls of produced water. The release area is shown in Figure 3. The Release Notification portions of Form C-141 for incident number nOY1730057049 is attached to this report.

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### **3. Groundwater and Site Characterization**

Based on a review of the New Mexico Office of State Engineers and USGS databases, there are two known water sources within a ½-mile radius of the Site. The nearest identified well is located approximately 0.4 miles west of the Site in Sec 10 T26S R31E and was drilled in 2023 to the reported depth of 55 feet below ground surface (ft bgs) with no groundwater encountered. No other receptors (playas, wetlands, waterways, lakebeds, or ordinance boundaries) are located within each specific boundary or distance from the Site. According to the Karst Potential Map, the Site is located within a Medium Karst area. The Site characterization documentation (Points of Diversion, Karst Potential, Significant Watercourse Map, Wetlands Map, and FEMA Map) are attached to the report.

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

#### ***General Site Characterization and Groundwater:***

Site Characterization	Average Groundwater Depth (ft)
Medium Karst	>55

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

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

### **4. Initial Soil Delineation Assessment Summary and Findings**

On November 21<sup>st</sup>, 2023, NTGE conducted site assessment activities to assess the vertical and horizontal extents of impacts at the Site. A total of six (6) vertical delineation samples (V-1 through V-6) and fourteen (14) horizontal delineation samples (H-1 through H-14) were installed within and adjacent to the release area to characterize the impact. Soil samples were collected at 0.5 feet (ft) intervals at depths ranging from 0 ft bgs to 4.5 ft bgs with a geotechnical hand auger. The hand auger was decontaminated with Alconox and deionized water between soil borings to prevent cross-contamination. The samples were analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA method 8260B, total petroleum hydrocarbon (TPH) by method 8015D, and chloride by EPA 300.0/9056A by Envirotech Laboratories in Farmington, New Mexico. Analytical results indicated that a sample V-1 collected at 3-3.5 ft bgs exhibited chloride concentrations above Table 3.1 Closure Criteria. Analytical results are included in Table 1A.

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On December 13<sup>th</sup>, 2023, NTGE returned to Site to further characterize the extent of the spill. Fourteen (14) vertical sample points (V-7 through V-20) were installed within the release area to characterize the spill. Soil samples were collected at 0.5-to-1 ft intervals at depths ranging from 0 ft bgs to 4.5 ft bgs with a geotechnical hand auger. The hand auger was decontaminated with Alconox and deionized water between soil borings to prevent cross-contamination. Soil samples were submitted to the Cardinal Laboratories in Hobbs, NM for the analysis for BTEX, TPH, and chloride. Analytical results indicated that all samples were below NMOCD regulatory limits. Analytical results are included in Table 1A.

On December 20<sup>th</sup>, 2023, NTGE returned to Site to further characterize the extent of the spill at the area south of the main facility site. Six (6) vertical sample points (V-1 through V-6) were installed within the release area to characterize the spill. Soil samples were collected at 0.5-to-1 ft intervals at depths ranging from 0 ft bgs to 4.5 ft bgs with a geotechnical hand auger. The hand auger was decontaminated with Alconox and deionized water between soil borings to prevent cross-contamination. Soil samples were submitted to the Cardinal Laboratories in Hobbs, NM for the analysis for BTEX, TPH, and chloride. Analytical results indicated that all samples were below NMOCD regulatory limits. Analytical results are included in Table 1B.

Analytical results are included in Table 1A and Table 1B, while sampling locations are shown in Figure 3. Laboratory reports containing analytical methods and chain-of-custody documents are attached to this report.

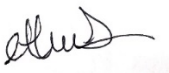
## **5. Proposed Work Plan**

After receiving and evaluating the soil boring data, NTGE proposes to excavate and delineate the soils in the vicinity of the area V-1 to a depth of four (4) ft bgs to ensure that all of the impacted soils have been removed. A minimum of approximately 581 cubic yards of impacted material will be removed to remediate the impacted area. Confirmation samples will be taken with a five (5) point composite sample and represent an area no greater than 200 square feet to comply with NMAC 19.15.23.12 and 19.15.29.13. Discrete soil samples will be collected from the sidewalls and bottom of the excavation along with areas of observed staining. All confirmation samples will be taken to a certified laboratory and analyzed for BTEX by EPA Method 8021B, TPH by EPA Method 8015M Modified and chloride by EPA 300.0/9056A. If any of the confirmation samples collected exhibit concentrations above regulatory standards set by NMAC 19.15.23.12 and 19.15.23.13 the areas will be further excavated until concentrations are below Table 3.1 Closure Criteria. Remediation will be complete within 90 days of approval from the NMOCD to proceed.

If you have any questions regarding this letter, please contact us at (432)-701-2159.

Sincerely,

**NTG Environmental**



Ethan Sessums  
Project Manager



Dmitry Nikanorov  
Project Scientist

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Attachments:

Table  
Figures  
Initial C-141/Remediation C-141  
Site Characterization Documentation  
Photographic Log  
Laboratory Reports and Chain-of-Custody Documents

## TABLE

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**Table 1A**  
**Summary of Soil Analytical Data - Delineation Samples**  
**Transfer Line Terrapin to Arabian**  
**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 GRO/DRO/MRO (C6-C35)	
			Table I Closure Criteria for Soil 51-100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	1000 mg/kg	---	2,500 mg/kg	10,000 mg/kg
Vertical Delineation Samples													
V-1	11/21/2023	0-6"	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	50.1
	11/21/2023	1-1.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	90.9
	11/21/2023	2-2.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	286
	11/21/2023	3-3.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	941
	11/21/2023	4-4.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	1870
V-2	11/21/2023	0-6"	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	63.7
	11/21/2023	1-1.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	122
	11/21/2023	2-2.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	139
	11/21/2023	3-3.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	481
	11/21/2023	4-4.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	1200
V-3	11/21/2023	0-6"	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
	11/21/2023	1-1.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
	11/21/2023	2-2.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	31.7
	11/21/2023	3-3.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	322
	11/21/2023	4-4.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	622
V-4	11/21/2023	0-6"	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
	11/21/2023	1-1.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
	11/21/2023	2-2.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
	11/21/2023	3-3.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
	11/21/2023	4-4.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
V-5	11/21/2023	0-6"	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
	11/21/2023	1-1.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
	11/21/2023	2-2.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	36.1
	11/21/2023	3-3.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	58.3
	11/21/2023	4-4.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	117
V-6	11/21/2023	0-6"	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
	11/21/2023	1-1.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
	11/21/2023	2-2.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	165
	11/21/2023	3-3.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	236
	11/21/2023	4-4.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	333
V-7	12/13/2023	0-6"	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
	12/13/2023	1-1.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	79.5
	12/13/2023	2-2.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	46.1
V-8	12/13/2023	0-6"	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
	12/13/2023	1-1.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
	12/13/2023	2-2.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	43.7
	12/13/2023	3-3.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	319
V-9	12/13/2023	0-6"	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
	12/13/2023	1-1.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
	12/13/2023	2-2.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
	12/13/2023	3-3.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	324
	12/13/2023	4-4.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	649

**Table 1A**  
**Summary of Soil Analytical Data - Delineation Samples**  
**Transfer Line Terrapin to Arabian**  
**Devon Energy Production Company**  
**Eddy County, New Mexico**

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Total GRO/DRO/MRO (C6-C35)	Chloride
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)			
			Table I Closure Criteria for Soil 51-100 feet Depth to Groundwater 19.15.29 NMAC											
			10 mg/kg	---	---	---	50 mg/kg	---	---	1000 mg/kg	---	2,500 mg/kg	10,000 mg/kg	
V-10	12/13/2023	0-6"	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0	
	12/13/2023	1-1.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	26.3	
	12/13/2023	2-2.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	395	
	12/13/2023	3-3.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	536	
V-11	12/13/2023	0-6"	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0	
	12/13/2023	1-1.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0	
	12/13/2023	2-2.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0	
V-12	12/13/2023	0-6"	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0	
	12/13/2023	1-1.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	40.3	
	12/13/2023	2-2.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	46.7	
	12/13/2023	3-3.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	21.7	
V-13	12/13/2023	4-4.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	63.5	
	12/13/2023	0-6"	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0	
	12/13/2023	1-1.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0	
	12/13/2023	2-2.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	25.9	
	12/13/2023	3-3.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	290	
V-14	12/13/2023	4-4.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	241	
	12/13/2023	0-6"	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0	
	12/13/2023	1-1.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0	
	12/13/2023	2-2.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0	
	12/13/2023	3-3.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	50	
V-15	12/13/2023	4-4.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	73.7	
	12/13/2023	0-6"	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0	
	12/13/2023	1-1.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0	
	12/13/2023	2-2.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0	
V-16	12/13/2023	3-3.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	57.3	
	12/13/2023	4-4.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	88.9	
	12/13/2023	0-6"	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0	
	12/13/2023	1-1.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0	
	12/13/2023	2-2.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	37.2	
V-17	12/13/2023	3-3.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	57.3	
	12/13/2023	4-4.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	88.9	
	12/13/2023	0-6"	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0	
	12/13/2023	1-1.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0	
	12/13/2023	2-2.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0	
V-18	12/13/2023	3-3.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0	
	12/13/2023	4-4.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0	
	12/13/2023	0-6"	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0	
	12/13/2023	1-1.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0	
	12/13/2023	2-2.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	35.8	
V-19	12/13/2023	3-3.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	42.5	
	12/13/2023	4-4.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	45.1	
	12/13/2023	0-6"	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0	
	12/13/2023	1-1.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0	
	12/13/2023	2-2.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0	

Table 1A  
Summary of Soil Analytical Data - Delineation Samples  
Transfer Line Terrapin to Arabian  
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 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 51-100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	1000 mg/kg	---	2,500 mg/kg	10,000 mg/kg
V-20	12/13/2023	0-6"	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
	12/13/2023	1-1.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
	12/13/2023	2-2.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
Horizontal Delineation Samples													
H-1	12/13/2023	0-6"	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
H-2	12/13/2023	0-6"	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
H-3	12/13/2023	0-6"	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
H-4	12/13/2023	0-6"	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
H-5	12/13/2023	0-6"	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	34.9
H-6	12/13/2023	0-6"	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
H-7	12/13/2023	0-6"	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
H-8	12/13/2023	0-6"	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
H-9	12/13/2023	0-6"	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
H-10	12/13/2023	0-6"	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
H-11	12/13/2023	0-6"	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	53.6	<50.0	53.6	<20.0
H-12	12/13/2023	0-6"	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
H-13	12/13/2023	0-6"	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
H-14	12/13/2023	0-6"	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	82.6

## Notes:

1. Values reported in mg/kg

2. &lt; = Value Less Than Reporting Limit (RL)

3. Bold indicates Analyte Detected

4. BTEx analyses by EPA Method SW 8021B

SP-4

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

**Table 1B**  
**Summary of Soil Analytical Data - Delineation Samples**  
**DVN TL TERRAPIN TO ARABIAN - South Pad**  
**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 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 51-100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg	10,000 mg/kg
Vertical Delineation Samples													
V-1	12/20/2023	0-6	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
	12/20/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96
	12/20/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	336
	12/20/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	352
V-2	12/20/2023	0-6	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
	12/20/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
	12/20/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96
V-3	12/20/2023	0-6	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
	12/20/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
	12/20/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
	12/20/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
	12/20/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96
V-4	12/20/2023	0-6	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	384
	12/20/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
	12/20/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96
	12/20/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
V-5	12/20/2023	0-6	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
	12/20/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
	12/20/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96
	12/20/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
	12/20/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	352
V-6	12/20/2023	0-6	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
	12/20/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
	12/20/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
	12/20/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
	12/20/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	592

## Notes:

1. Values reported in mg/kg

2. &lt; = 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.

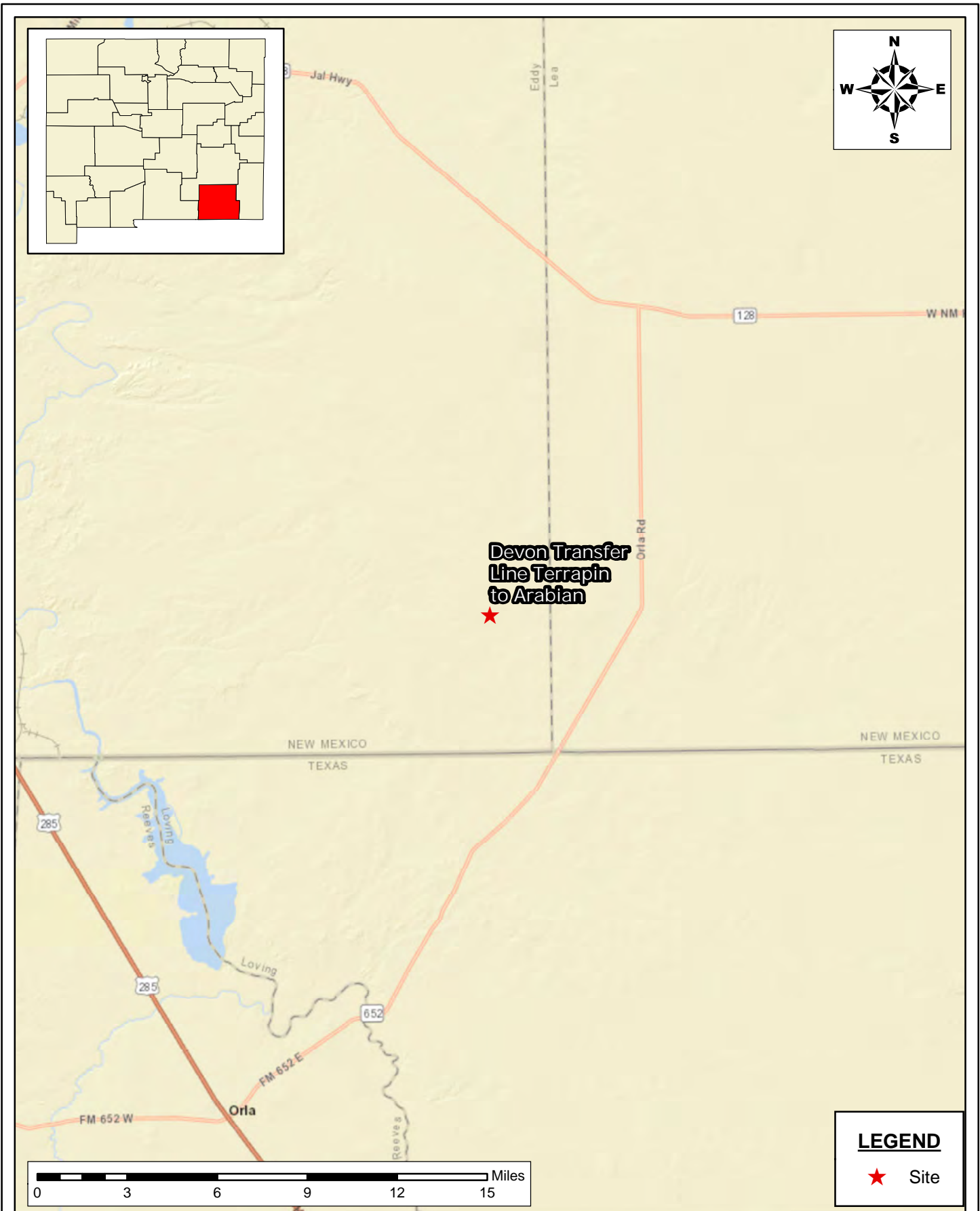
8. Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table I Closure Criteria for the site (Surface to 4 Feet Below Grade).

9. --- Not Analyzed

## **FIGURES**

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Document Path: C:\Users\ntgegis\New Tech Global\NTGE - Documents\2023 PROJECTS\DEVONRSC\DEVN Transfer Line Terrapin to Arabian\7- Figures\GIS\Figure\_1.mxd



**SITE LOCATION MAP**

SITE CHARACTERIZATION AND REMEDIATION WORKPLAN  
DEVON TRANSFER LINE TERRAPIN TO ARABIAN  
DEVON ENERGY PRODUCTION COMPANY  
EDDY COUNTY, NEW MEXICO

SCALE: As Shown

Date: 1/10/2024

PROJECT #: 237677



**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:

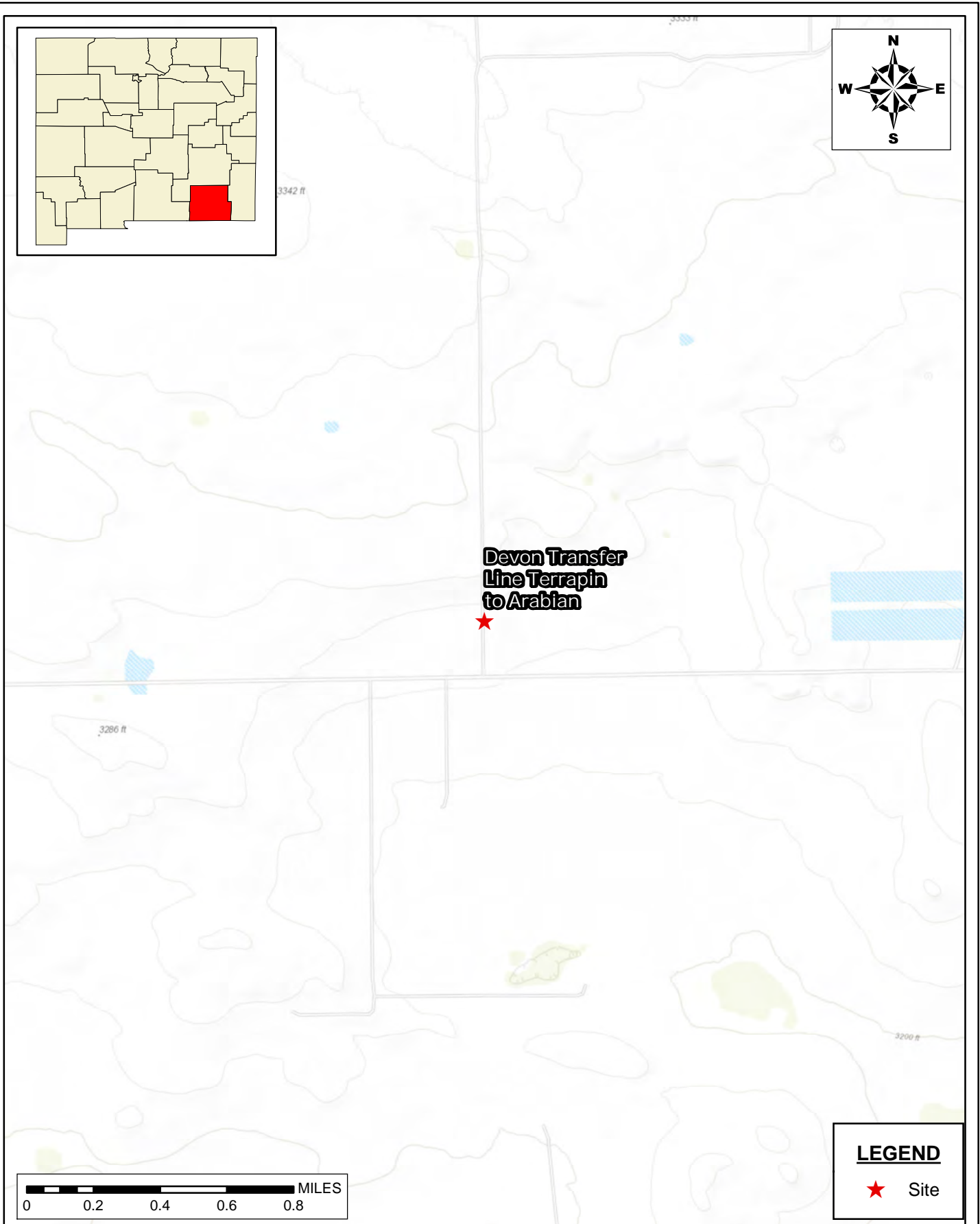
**FIGURE 1**

SHEET NUMBER:

**1 of 1**



Document Path: C:\Users\ntgeis\New Tech Global\NTGE - Documents\2023 PROJECTS\DEVONRSC\DEVN Transfer Line Terrapin to Arabian\7- Figures\GIS\Figure\_1.mxd



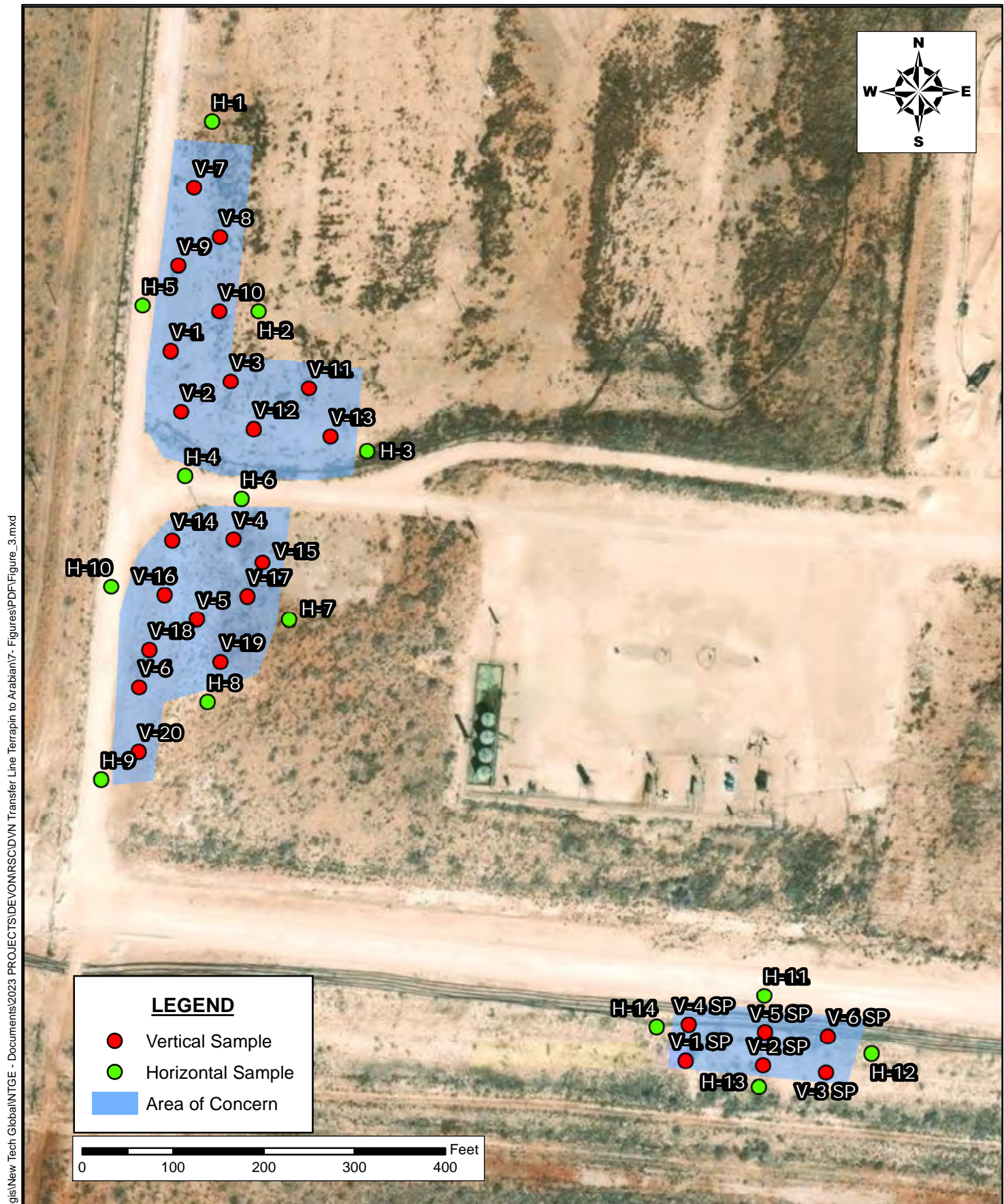
**TOPOGRAPHIC MAP**  
SITE CHARACTERIZATION AND REMEDIATION WORKPLAN  
DEVON TRANSFER LINE TERRAPIN TO ARABIAN  
DEVON ENERGY PRODUCTION COMPANY  
EDDY COUNTY, NEW MEXICO

SCALE: As Shown	Date: 1/10/2024	PROJECT #: 237677
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**New Tech Global Environmental, LLC**  
911 Regional Park Drive  
Houston, Texas 77060  
T - 281.872.9300  
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Web: www.ntgenviroinmental.com

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

DRAWING NUMBER:
<b>FIGURE 2</b>
SHEET NUMBER:
<b>1 of 1</b>



**INITIAL ASSESSMENT MAP**  
 SITE CHARACTERIZATION AND REMEDIATION WORK PLAN  
 DEVON ENERGY PRODUCTION COMPANY  
 TRANSFER LINE TERRAPIN TO ARABIAN  
 EDDY COUNTY, NEW MEXICO  
 32.067261, -103.757277



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

**NOTES:**

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

DRAWING NUMBER:

**FIGURE 4**

SHEET NUMBER:

**1 of 1**

SCALE: AS SHOWN    DATE: 01/09/2024    PROJECT #: 237677







## Proposed Excavation Map

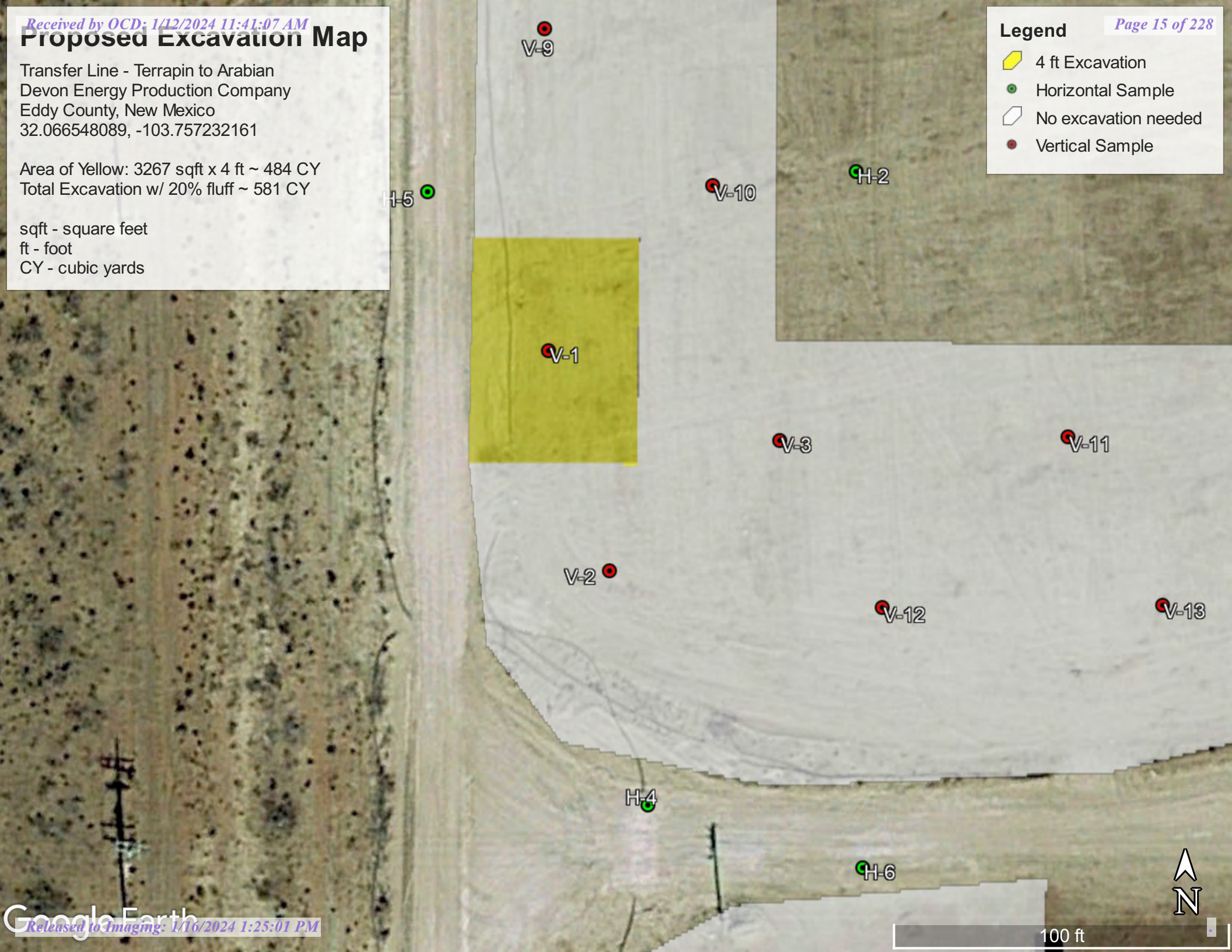
Transfer Line - Terrapin to Arabian  
Devon Energy Production Company  
Eddy County, New Mexico  
32.066548089, -103.757232161

Area of Yellow: 3267 sqft x 4 ft ~ 484 CY  
Total Excavation w/ 20% fluff ~ 581 CY

sqft - square feet  
ft - foot  
CY - cubic yards

### Legend

-  4 ft Excavation
-  Horizontal Sample
-  No excavation needed
-  Vertical Sample



**INITIAL C-141**

---

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

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

Form C-141  
Revised April 3, 2017

Submit 1 Copy to appropriate District Office in  
accordance with 19.15.29 NMAC.

## Release Notification and Corrective Action

### OPERATOR

☒ Initial Report ☐ Final Report

Name of Company	Devon Energy Production Co LP	Contact	Stephen Richards, Devon Completions Foreman
Address	PO BOX 250, Artesia, NM 88211	Telephone No.	(575) 252-3717
Facility Name: Transfer line from Terrapin Frac Pond to Arabian 30-19 Fed Com 2H	Facility Type Oil well		

Surface Owner: State / Federal	Mineral Owner: State / Federal	API No. 30-025-43773
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### LOCATION OF RELEASE

Unit Letter M	Section 2	Township 26S	Range 31E	Feet from the 407	North/South Line NORTH	Feet from the 46	East/West Line WEST	County LEA
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Latitude 32.067261 N Longitude -103.757277 W NAD83

### NATURE OF RELEASE

Type of Release: Treated Produced Water	Volume of Release: 281 bbls	Volume Recovered: 145 bbls
Source of Release: Lay Flat Transfer Line	Date and Hour of Occurrence: 10/10/2017, 9:45 AM	Date and Hour of Discovery 10/10/2017, 9:45 AM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?  OCD: Olivia Yu, Dist. 1 BLM: Shelly Tucker	
By Whom? Mike Shoemaker, EHS Professional	Date and Hour:  OCD: 10/11/17, 9:15 AM BLM: 10/11/17, 9:45 AM	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. NA	
If a Watercourse was Impacted, Describe Fully.* NA		

RECEIVED

**RECEIVED**

By Olivia Yu at 3:45 pm, Oct 27, 2017


Describe Cause of Problem and Remedial Action Taken.\*

While transferring treated produced water from the Terrapin Frac Pond to the Arabian 30-19 Fed Com #2H, the booster pump over pressured and the lay flat hose ruptured, releasing produced water on the ground. The pump was shut down and the hose was repaired.

Describe Area Affected and Cleanup Action Taken.\*

The spill affected approximately 10,244 square feet (1711 cubic feet) running south then east of the rupture point located approximately at 32.067261 N, -103.757277 W and is approximately 3.3 miles southwest from the Arabian 30-19 Fed Com 2H well pad. An estimated 281 barrels of treated produced water was spilled and 145 barrels were recovered. A remediation contractor will be contacted to assist with the delineation and remediation efforts.

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

		<u>OIL CONSERVATION DIVISION</u>	
Signature: <i>Denise Menoud</i>		Approved by Environmental Specialist: 	
Printed Name: Denise Menoud			
Title: Admin Field Support		Approval Date: 10/27/2017	Expiration Date:
E-mail Address: denise.menoud@dvn.com		Conditions of Approval: see attached directive	Attached <input checked="" type="checkbox"/>
Date: 10/13/2017 Phone: (575)746-5544			

\* Attach Additional Sheets If Necessary



Operator/Responsible Party,

The OCD has received the form C-141 you provided on \_10/24/2017\_ regarding an unauthorized release. The information contained on that form has been entered into our incident database and remediation case number \_1RP-4854\_ has been assigned. **Please refer to this case number in all future correspondence.**

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

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

Release characterization is the first phase of corrective action unless the release is ongoing or is of limited volume and all impacts can be immediately addressed. Proper and cost-effective remediation typically cannot occur without adequate characterization of the impacts of any release. Furthermore, the Division has the ability to impose reasonable conditions upon the efforts it oversees. **As such, the Division is requiring a workplan for the characterization of impacts associated with this release be submitted to the OCD District \_1\_ office in \_\_Hobbs\_\_ on or before \_11/27/2017\_. If and when the release characterization workplan is approved, there will be an associated deadline for submittal of the resultant investigation report. Modest extensions of time to these deadlines may be granted, but only with acceptable justification.**

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

- Horizontal delineation of soil impacts in each of the four cardinal compass directions. Adsorbed soil contamination must be characterized for the following constituents using the associated laboratory methods: benzene, toluene, ethylbenzene, and total xylenes by either Method 8260 or 8021, total petroleum hydrocarbons by Method 8015 extended range (GRO+DRO+MRO; C<sub>6</sub> thru C<sub>36</sub>), and for chloride by Method 300. This is not an exclusive list of potential contaminants. Analyzed parameters should be modified based on the nature of the released substance(s). Soil sampling must be both within the impacted area and beyond.
- Vertical delineation of soil impacts. Adsorbed soil contamination must be characterized for the following constituents using the associated laboratory methods: benzene, toluene, ethylbenzene, and total xylenes by either Method 8260 or 8021, total petroleum hydrocarbons by Method 8015 extended range (GRO+DRO+MRO; C<sub>6</sub> thru C<sub>36</sub>), and for chloride by Method 300. As above, this is not an exclusive list of potential contaminants and can be modified. Vertical characterization samples should be taken at depth intervals no greater than five feet apart. Lithologic description of encountered soils must also be provided. At least ten vertical feet of soils with contaminant concentrations at or below these values must be demonstrated as existing above the water table.
- Nominal detection limits for field and laboratory analyses must be provided.
- Composite sampling is not generally allowed.
- Field screening and assessment techniques are acceptable (headspace, titration, EC [include algorithm for validation purposes], EM, etc.), but the sampling and assay procedures must be clearly defined. Copies of field notes are highly desirable. A statistically significant set of split samples must be submitted for confirmatory laboratory analysis, including the laterally farthest and vertically deepest sets of soil samples. Make sure there are at least two soil samples submitted

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

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

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

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

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

**Jim Griswold**

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



**Swiftwater Spill 10/10/17**

Central Valley Electric  
Xcel Electric



This map is for illustrative purposes only and is neither a legally recorded map nor survey and is not intended to be used as one. Devon makes no warranty, representation, or guarantee of any kind regarding this map.

WGS\_1984\_Web\_Mercator\_Auxiliary\_Sphere  
Prepared by: Menoud  
Map is current as of: 13-Oct-2017



Miles

0 0.02 0.04 0.07 1:3,557



## **SITE CHARACTERIZATION DOCUMENTATION**

## NMOCD Closure Criteria

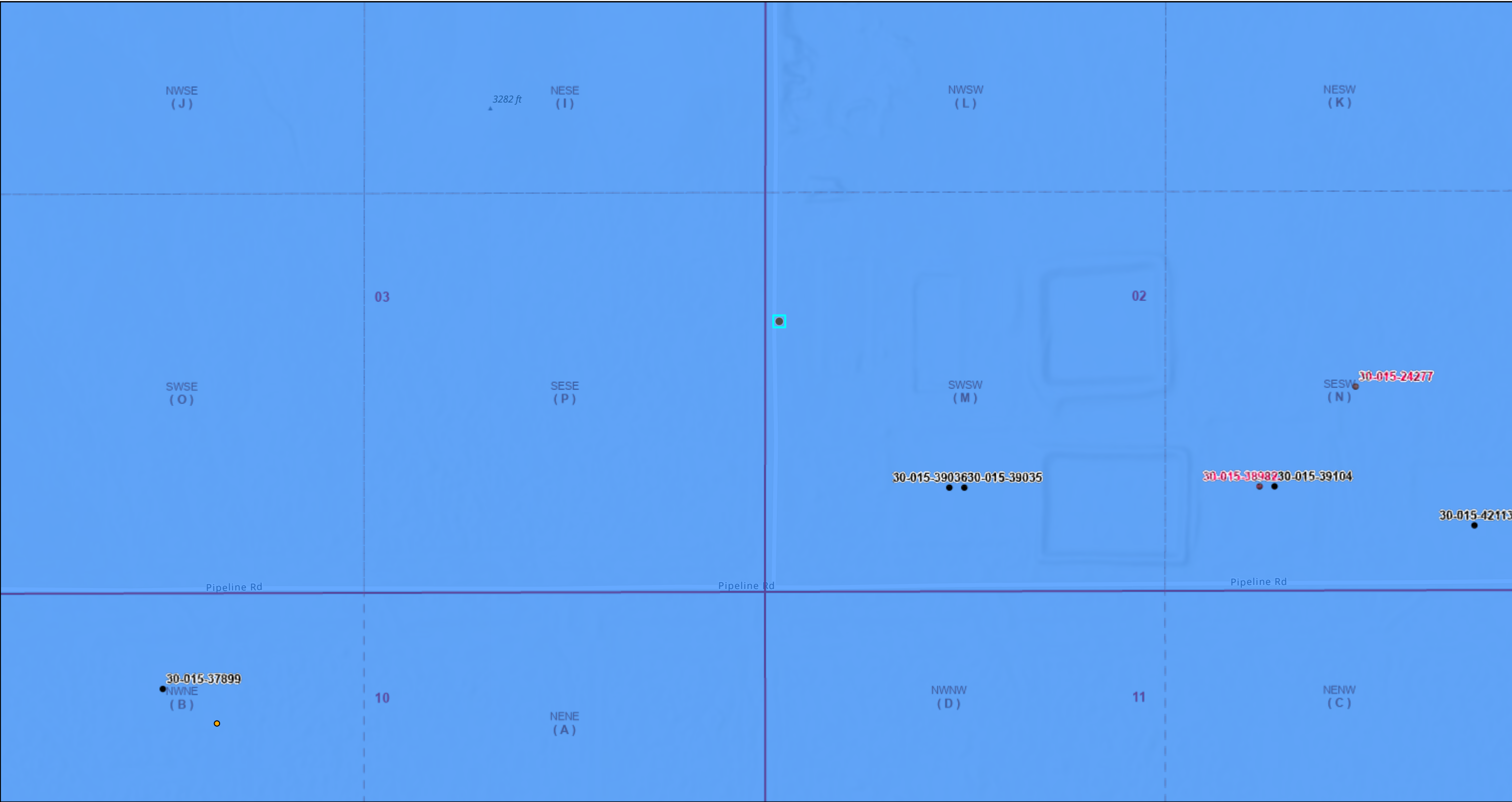
Devon transfer line Terrapin to Arabian

Site Information (19.15.29.11.A (2,3, & 4) NMAC)		Source/Notes
Depth to Groundwater ( ft bgs)	55	Office of the State Engineer (OSE)
Horizontal Distance from All Water Sources Within 0.5 mile (ft)	2690	Office of the State Engineer (OSE)
Horizontal Distance to Nearest Significant Watercourse (ft)	2,690	National Wetlands Inventory (NWS) - Intermittent stream

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

\* - numerical limit or background, whichever is greater

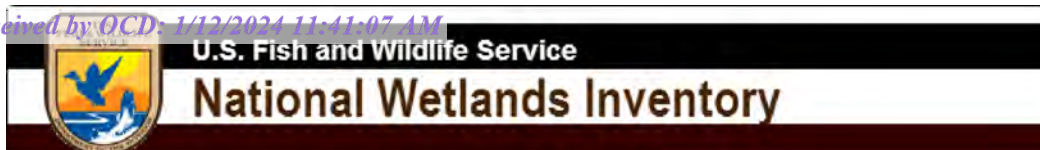
# OCD Well Locations



1/10/2024, 9:57:29 AM

- OSE Water PODs
  - Oil, Plugged
  - Plugged
- Karst Occurrence Potential
  - Medium
- Wells - Large Scale
  - Oil, Active
- PLSS Second Division
- PLSS First Division

BLM, OCD, New Mexico Tech, Esri Community Maps Contributors, Texas Parks & Wildlife, © OpenStreetMap, Microsoft, CONANP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS, Oil Conservation



## Devon transfer line Terrapin to Arabian



August 4, 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.

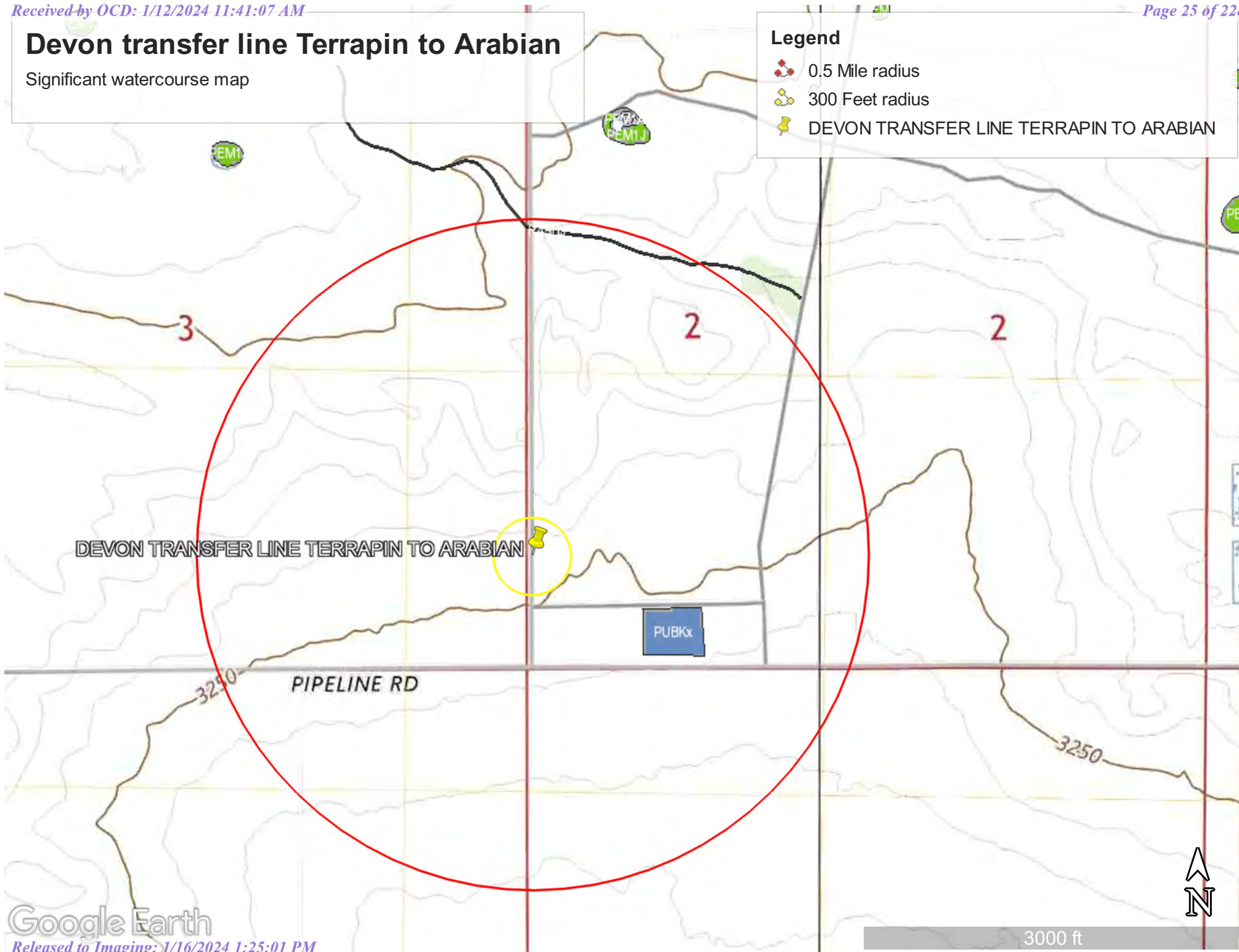


# Devon transfer line Terrapin to Arabian

Significant watercourse map

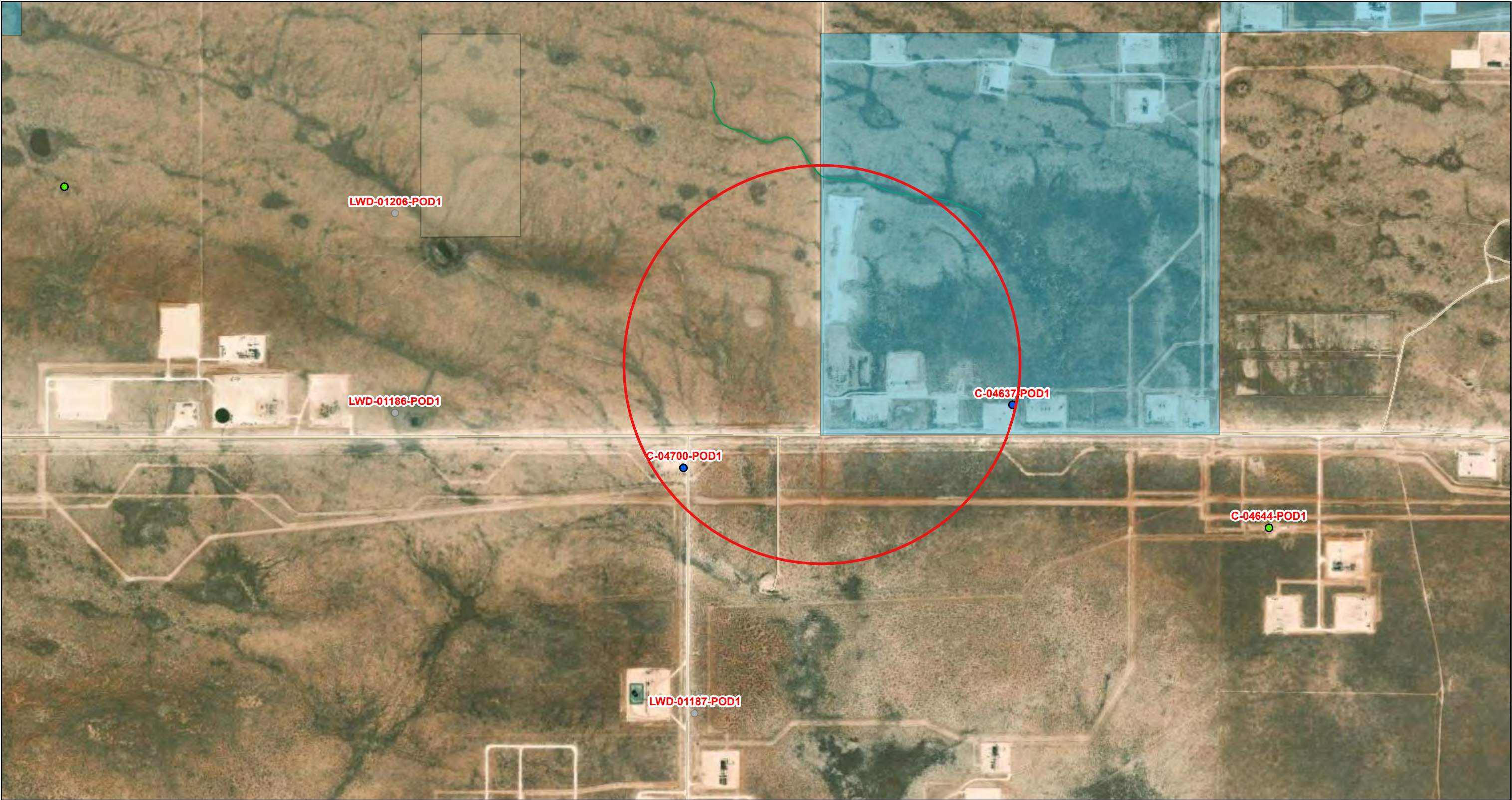
## Legend

- 0.5 Mile radius
- 300 Feet radius
- DEVON TRANSFER LINE TERRAPIN TO ARABIAN





# OSE POD Locations Map



8/4/2023, 12:16:55 PM

Override 1

GIS WATERS PODs

Active

Pending

OSE District Boundary

New Mexico State Trust Lands

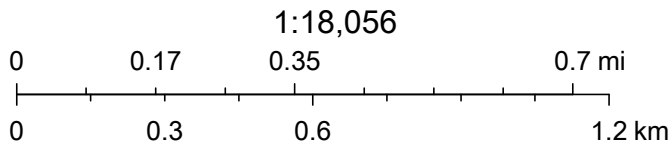
Subsurface Estate

Both Estates

NHD Flowlines

Stream River

SiteBoundaries





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

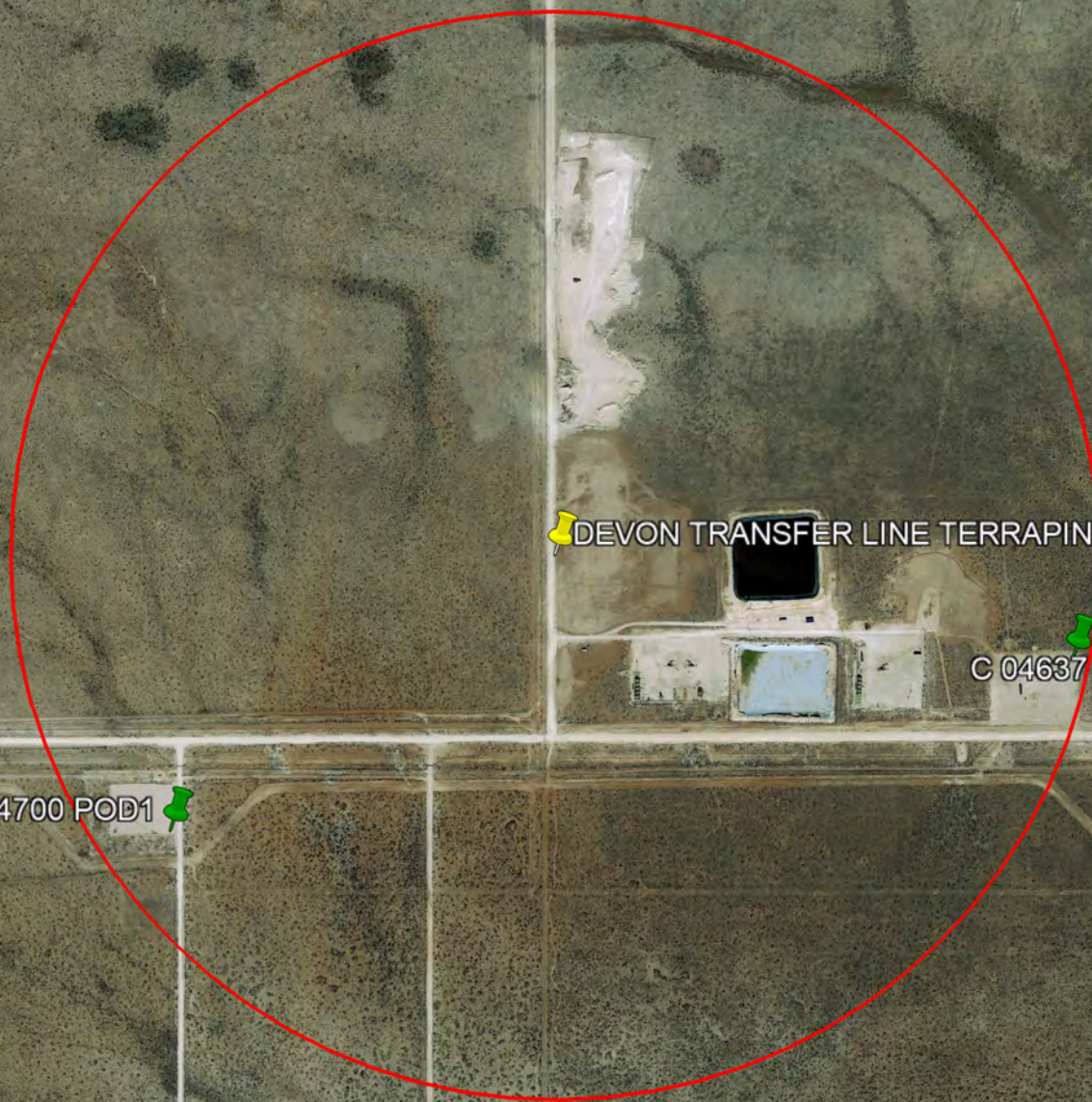


# Devon transfer line Terrapin to Arabian

OSE POD Locations Map

## Legend

-  0.5 Mile radius
-  OSE POD



DEVON TRANSFER LINE TERRAPIN TO ARABIAN

C 04637 POD1

C 04700 POD1

Google Earth

3000 ft







# PLUGGING RECORD



**NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC**

## I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: C-04700 POD-1

Well owner: Devon Energy

Phone No.: 575-748-1838

Mailing address: 6488 7 Rivers Hwy

City: Artesia State: New Mexico Zip code: 88210

## II. WELL PLUGGING INFORMATION:

1) Name of well drilling company that plugged well: Jackie D. Atkins (Atkins Engineering Associates Inc.)

2) New Mexico Well Driller License No.: 1249 Expiration Date: 04/30/25

3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s):  
Shane Eldridge, Lupe Leyba

4) Date well plugging began: 4/25/23 Date well plugging concluded: 4/25/23

5) GPS Well Location: Latitude: 32 deg, 3 min, 48.97 sec  
Longitude: 103 deg, 45 min, 47.89 sec, WGS 84

6) Depth of well confirmed at initiation of plugging as: 55 ft below ground level (bgl),  
by the following manner: weighted tape

7) Static water level measured at initiation of plugging: n/a ft bgl

8) Date well plugging plan of operations was approved by the State Engineer: 1/25/2023

9) Were all plugging activities consistent with an approved plugging plan? Yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

OSE 011 APR 27 2023 14:25



- For each interval plugged, describe within the following columns:**

Released to Imaging: 1/16/2024 1:25:01 PM

# National Flood Hazard Layer FIRMette



103°45'45"W 32°4'17"N



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

1:6,000

103°45'8"W 32°3'47"N

Released to Imaging: 1/16/2024 P.25:01 PM

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
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile 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 8/4/2023 at 3:00 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

## **PHOTOGRAPHIC LOG**

---



## PHOTOGRAPHIC LOG

### Devon Transfer Line Terrapin to Arabian

**Photograph No. 1**

**Facility:** Devon Transferline Terrapin to Arabian

**County:** Eddy County, New Mexico

**Description:**  
Area of Concern

**Photograph No. 2**

**Facility:** Devon Transferline Terrapin to Arabian

**County:** Eddy County, New Mexico

**Description:**  
Area of Concern

**Photograph No. 3**

**Facility:** Devon Transferline Terrapin to Arabian

**County:** Eddy County, New Mexico

**Description:**  
Area of Concern



## PHOTOGRAPHIC LOG

### Devon Transfer Line Terrapin to Arabian

**Photograph No. 4**

**Facility:** Devon Transferline Terrapin to Arabian

**County:** Eddy County, New Mexico

**Description:**  
Area of Concern

**Photograph No. 5**

**Facility:** Devon Transferline Terrapin to Arabian

**County:** Eddy County, New Mexico

**Description:**  
Area of Concern

**Photograph No. 6**

**Facility:** Devon Transferline Terrapin to Arabian

**County:** Eddy County, New Mexico

**Description:**  
Area of Concern



## **LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS**



Report to:  
Ethan Sessums



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

NTG-New Tech Global Environmental

Project Name: Arabian 30 19 Fed Com #001H

Work Order: E311217

Job Number: 01058-0007

Received: 11/29/2023

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
12/5/23

5796 U.S. Hwy 64  
Farmington, NM 87401

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



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.  
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.  
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.  
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.  
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.

Date Reported: 12/5/23



Ethan Sessums  
911 Regional Park Dr.  
Houston, TX 77060

Project Name: Arabian 30 19 Fed Com #001H  
Workorder: E311217  
Date Received: 11/29/2023 8:30:00AM

Ethan Sessums,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/29/2023 8:30:00AM, under the Project Name: Arabian 30 19 Fed Com #001H.

The analytical test results summarized in this report with the Project Name: Arabian 30 19 Fed Com #001H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

**Walter Hinchman**  
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**Alexa Michaels**  
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[mgonzales@envirotech-inc.com](mailto:mgonzales@envirotech-inc.com)

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)



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Sample Summary

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Arabian 30 19 Fed Com #001H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/05/23 15:09
---	---	-----------------------------

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
H-1 0-6'	E311217-01A	Soil	11/21/23	11/29/23	Glass Jar, 2 oz.
H-2 0-6'	E311217-02A	Soil	11/21/23	11/29/23	Glass Jar, 2 oz.
H-3 0-6'	E311217-03A	Soil	11/21/23	11/29/23	Glass Jar, 2 oz.
H-4 0-6'	E311217-04A	Soil	11/21/23	11/29/23	Glass Jar, 2 oz.
H-5 0-6'	E311217-05A	Soil	11/21/23	11/29/23	Glass Jar, 2 oz.
H-6 0-6'	E311217-06A	Soil	11/21/23	11/29/23	Glass Jar, 2 oz.
H-7 0-6'	E311217-07A	Soil	11/21/23	11/29/23	Glass Jar, 2 oz.
H-8 0-6'	E311217-08A	Soil	11/21/23	11/29/23	Glass Jar, 2 oz.
H-9 0-6'	E311217-09A	Soil	11/21/23	11/29/23	Glass Jar, 2 oz.
H-10 0-6'	E311217-10A	Soil	11/21/23	11/29/23	Glass Jar, 2 oz.
H-11 0-6'	E311217-11A	Soil	11/21/23	11/29/23	Glass Jar, 2 oz.
H-12 0-6'	E311217-12A	Soil	11/21/23	11/29/23	Glass Jar, 2 oz.
H-13 0-6'	E311217-13A	Soil	11/21/23	11/29/23	Glass Jar, 2 oz.
H-14 0-6'	E311217-14A	Soil	11/21/23	11/29/23	Glass Jar, 2 oz.
V-1 0-6'	E311217-15A	Soil	11/21/23	11/29/23	Glass Jar, 2 oz.
V-1 1-1.5'	E311217-16A	Soil	11/21/23	11/29/23	Glass Jar, 2 oz.
V-1 2-2.5'	E311217-17A	Soil	11/21/23	11/29/23	Glass Jar, 2 oz.
V-1 3-3.5'	E311217-18A	Soil	11/21/23	11/29/23	Glass Jar, 2 oz.
V-1 4-4.5'	E311217-19A	Soil	11/21/23	11/29/23	Glass Jar, 2 oz.
V-2 0-6'	E311217-20A	Soil	11/21/23	11/29/23	Glass Jar, 2 oz.
V-2 1-1.5'	E311217-21A	Soil	11/21/23	11/29/23	Glass Jar, 2 oz.
V-2 2-2.5'	E311217-22A	Soil	11/21/23	11/29/23	Glass Jar, 2 oz.
V-2 3-3.5'	E311217-23A	Soil	11/21/23	11/29/23	Glass Jar, 2 oz.
V-2 4-4.5'	E311217-24A	Soil	11/21/23	11/29/23	Glass Jar, 2 oz.
V-3 0-6'	E311217-25A	Soil	11/21/23	11/29/23	Glass Jar, 2 oz.
V-3 1-1.5'	E311217-26A	Soil	11/21/23	11/29/23	Glass Jar, 2 oz.
V-3 2-2.5'	E311217-27A	Soil	11/21/23	11/29/23	Glass Jar, 2 oz.
V-3 3-3.5'	E311217-28A	Soil	11/21/23	11/29/23	Glass Jar, 2 oz.
V-3 4-4.5'	E311217-29A	Soil	11/21/23	11/29/23	Glass Jar, 2 oz.
V-4 0-6'	E311217-30A	Soil	11/21/23	11/29/23	Glass Jar, 2 oz.
V-4 1-1.5'	E311217-31A	Soil	11/21/23	11/29/23	Glass Jar, 2 oz.
V-4 2-2.5'	E311217-32A	Soil	11/21/23	11/29/23	Glass Jar, 2 oz.
V-4 3-3.5'	E311217-33A	Soil	11/21/23	11/29/23	Glass Jar, 2 oz.
V-4 4-4.5'	E311217-34A	Soil	11/21/23	11/29/23	Glass Jar, 2 oz.
V-5 0-6'	E311217-35A	Soil	11/21/23	11/29/23	Glass Jar, 2 oz.
V-5 1-1.5'	E311217-36A	Soil	11/21/23	11/29/23	Glass Jar, 2 oz.
V-5 2-2.5'	E311217-37A	Soil	11/21/23	11/29/23	Glass Jar, 2 oz.
V-5 3-3.5'	E311217-38A	Soil	11/21/23	11/29/23	Glass Jar, 2 oz.
V-5 4-4.5'	E311217-39A	Soil	11/21/23	11/29/23	Glass Jar, 2 oz.
V-6 0-6'	E311217-40A	Soil	11/21/23	11/29/23	Glass Jar, 2 oz.

Sample Summary

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Arabian 30 19 Fed Com #001H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/05/23 15:09
---	---	-----------------------------

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
V-6 1-1.5'	E311217-41A	Soil	11/21/23	11/29/23	Glass Jar, 2 oz.
V-6 2-2.5'	E311217-42A	Soil	11/21/23	11/29/23	Glass Jar, 2 oz.
V-6 3-3.5'	E311217-43A	Soil	11/21/23	11/29/23	Glass Jar, 2 oz.
V-6 4-4.5'	E311217-44A	Soil	11/21/23	11/29/23	Glass Jar, 2 oz.



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Arabian 30 19 Fed Com #001H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/5/2023 3:09:37PM
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H-1 0-6'  
E311217-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2348049	
Benzene	ND	0.0250	1	11/29/23	11/30/23	
Ethylbenzene	ND	0.0250	1	11/29/23	11/30/23	
Toluene	ND	0.0250	1	11/29/23	11/30/23	
o-Xylene	ND	0.0250	1	11/29/23	11/30/23	
p,m-Xylene	ND	0.0500	1	11/29/23	11/30/23	
Total Xylenes	ND	0.0250	1	11/29/23	11/30/23	
Surrogate: Bromofluorobenzene	100 %	70-130		11/29/23	11/30/23	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		11/29/23	11/30/23	
Surrogate: Toluene-d8	116 %	70-130		11/29/23	11/30/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2348049	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/29/23	11/30/23	
Surrogate: Bromofluorobenzene	100 %	70-130		11/29/23	11/30/23	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		11/29/23	11/30/23	
Surrogate: Toluene-d8	116 %	70-130		11/29/23	11/30/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2348069	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/29/23	12/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/29/23	12/01/23	
Surrogate: n-Nonane	91.1 %	50-200		11/29/23	12/01/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2348076	
Chloride	ND	20.0	1	11/30/23	11/30/23	

Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Arabian 30 19 Fed Com #001H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/5/2023 3:09:37PM
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H-2 0-6'

E311217-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2348049
Benzene	ND	0.0250	1	11/29/23	11/30/23	
Ethylbenzene	ND	0.0250	1	11/29/23	11/30/23	
Toluene	ND	0.0250	1	11/29/23	11/30/23	
o-Xylene	ND	0.0250	1	11/29/23	11/30/23	
p,m-Xylene	ND	0.0500	1	11/29/23	11/30/23	
Total Xylenes	ND	0.0250	1	11/29/23	11/30/23	
Surrogate: Bromofluorobenzene	98.0 %	70-130		11/29/23	11/30/23	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		11/29/23	11/30/23	
Surrogate: Toluene-d8	114 %	70-130		11/29/23	11/30/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2348049
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/29/23	11/30/23	
Surrogate: Bromofluorobenzene	98.0 %	70-130		11/29/23	11/30/23	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		11/29/23	11/30/23	
Surrogate: Toluene-d8	114 %	70-130		11/29/23	11/30/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348069
Diesel Range Organics (C10-C28)	ND	25.0	1	11/29/23	12/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/29/23	12/01/23	
Surrogate: n-Nonane	92.7 %	50-200		11/29/23	12/01/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348076
Chloride	ND	20.0	1	11/30/23	11/30/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Arabian 30 19 Fed Com #001H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/5/2023 3:09:37PM
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H-3 0-6'

E311217-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2348049
Benzene	ND	0.0250	1	11/29/23	11/30/23	
Ethylbenzene	ND	0.0250	1	11/29/23	11/30/23	
Toluene	ND	0.0250	1	11/29/23	11/30/23	
o-Xylene	ND	0.0250	1	11/29/23	11/30/23	
p,m-Xylene	ND	0.0500	1	11/29/23	11/30/23	
Total Xylenes	ND	0.0250	1	11/29/23	11/30/23	
Surrogate: Bromofluorobenzene	98.4 %	70-130		11/29/23	11/30/23	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		11/29/23	11/30/23	
Surrogate: Toluene-d8	115 %	70-130		11/29/23	11/30/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2348049
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/29/23	11/30/23	
Surrogate: Bromofluorobenzene	98.4 %	70-130		11/29/23	11/30/23	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		11/29/23	11/30/23	
Surrogate: Toluene-d8	115 %	70-130		11/29/23	11/30/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348069
Diesel Range Organics (C10-C28)	ND	25.0	1	11/29/23	12/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/29/23	12/01/23	
Surrogate: n-Nonane	88.7 %	50-200		11/29/23	12/01/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348076
Chloride	ND	20.0	1	11/30/23	12/01/23	





## Sample Data

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

Project Name: Arabian 30 19 Fed Com #001H  
Project Number: 01058-0007  
Project Manager: Ethan Sessums

**Reported:**  
12/5/2023 3:09:37PM

H-4 0-6'

E311217-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2348049
Benzene	ND	0.0250	1	11/29/23	11/30/23	
Ethylbenzene	ND	0.0250	1	11/29/23	11/30/23	
Toluene	ND	0.0250	1	11/29/23	11/30/23	
o-Xylene	ND	0.0250	1	11/29/23	11/30/23	
p,m-Xylene	ND	0.0500	1	11/29/23	11/30/23	
Total Xylenes	ND	0.0250	1	11/29/23	11/30/23	
Surrogate: Bromofluorobenzene		100 %	70-130	11/29/23	11/30/23	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	11/29/23	11/30/23	
Surrogate: Toluene-d8		113 %	70-130	11/29/23	11/30/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2348049
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/29/23	11/30/23	
Surrogate: Bromofluorobenzene		100 %	70-130	11/29/23	11/30/23	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	11/29/23	11/30/23	
Surrogate: Toluene-d8		113 %	70-130	11/29/23	11/30/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348069
Diesel Range Organics (C10-C28)	ND	25.0	1	11/29/23	12/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/29/23	12/01/23	
Surrogate: n-Nonane		91.4 %	50-200	11/29/23	12/01/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348076
Chloride	ND	20.0	1	11/30/23	11/30/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Arabian 30 19 Fed Com #001H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/5/2023 3:09:37PM
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H-5 0-6'

E311217-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2348049
Benzene	ND	0.0250	1	11/29/23	11/30/23	
Ethylbenzene	ND	0.0250	1	11/29/23	11/30/23	
Toluene	ND	0.0250	1	11/29/23	11/30/23	
o-Xylene	ND	0.0250	1	11/29/23	11/30/23	
p,m-Xylene	ND	0.0500	1	11/29/23	11/30/23	
Total Xylenes	ND	0.0250	1	11/29/23	11/30/23	
Surrogate: Bromofluorobenzene	97.9 %	70-130		11/29/23	11/30/23	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		11/29/23	11/30/23	
Surrogate: Toluene-d8	115 %	70-130		11/29/23	11/30/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2348049
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/29/23	11/30/23	
Surrogate: Bromofluorobenzene	97.9 %	70-130		11/29/23	11/30/23	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		11/29/23	11/30/23	
Surrogate: Toluene-d8	115 %	70-130		11/29/23	11/30/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348069
Diesel Range Organics (C10-C28)	ND	25.0	1	11/29/23	12/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/29/23	12/01/23	
Surrogate: n-Nonane	91.1 %	50-200		11/29/23	12/01/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348076
Chloride	34.9	20.0	1	11/30/23	11/30/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Arabian 30 19 Fed Com #001H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/5/2023 3:09:37PM
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H-6 0-6'

E311217-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2348049
Benzene	ND	0.0250	1	11/29/23	11/30/23	
Ethylbenzene	ND	0.0250	1	11/29/23	11/30/23	
Toluene	ND	0.0250	1	11/29/23	11/30/23	
o-Xylene	ND	0.0250	1	11/29/23	11/30/23	
p,m-Xylene	ND	0.0500	1	11/29/23	11/30/23	
Total Xylenes	ND	0.0250	1	11/29/23	11/30/23	
Surrogate: Bromofluorobenzene	97.0 %	70-130		11/29/23	11/30/23	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		11/29/23	11/30/23	
Surrogate: Toluene-d8	116 %	70-130		11/29/23	11/30/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2348049
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/29/23	11/30/23	
Surrogate: Bromofluorobenzene	97.0 %	70-130		11/29/23	11/30/23	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		11/29/23	11/30/23	
Surrogate: Toluene-d8	116 %	70-130		11/29/23	11/30/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348069
Diesel Range Organics (C10-C28)	ND	25.0	1	11/29/23	12/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/29/23	12/01/23	
Surrogate: n-Nonane	92.2 %	50-200		11/29/23	12/01/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348076
Chloride	ND	20.0	1	11/30/23	11/30/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Arabian 30 19 Fed Com #001H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/5/2023 3:09:37PM
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H-7 0-6'

E311217-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2348049
Benzene	ND	0.0250	1	11/29/23	11/30/23	
Ethylbenzene	ND	0.0250	1	11/29/23	11/30/23	
Toluene	ND	0.0250	1	11/29/23	11/30/23	
o-Xylene	ND	0.0250	1	11/29/23	11/30/23	
p,m-Xylene	ND	0.0500	1	11/29/23	11/30/23	
Total Xylenes	ND	0.0250	1	11/29/23	11/30/23	
Surrogate: Bromofluorobenzene		102 %	70-130	11/29/23	11/30/23	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	11/29/23	11/30/23	
Surrogate: Toluene-d8		113 %	70-130	11/29/23	11/30/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2348049
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/29/23	11/30/23	
Surrogate: Bromofluorobenzene		102 %	70-130	11/29/23	11/30/23	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	11/29/23	11/30/23	
Surrogate: Toluene-d8		113 %	70-130	11/29/23	11/30/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348069
Diesel Range Organics (C10-C28)	ND	25.0	1	11/29/23	12/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/29/23	12/01/23	
Surrogate: n-Nonane		89.7 %	50-200	11/29/23	12/01/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348076
Chloride	ND	20.0	1	11/30/23	11/30/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Arabian 30 19 Fed Com #001H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/5/2023 3:09:37PM
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H-8 0-6'

E311217-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2348049
Benzene	ND	0.0250	1	11/29/23	11/30/23	
Ethylbenzene	ND	0.0250	1	11/29/23	11/30/23	
Toluene	ND	0.0250	1	11/29/23	11/30/23	
o-Xylene	ND	0.0250	1	11/29/23	11/30/23	
p,m-Xylene	ND	0.0500	1	11/29/23	11/30/23	
Total Xylenes	ND	0.0250	1	11/29/23	11/30/23	
Surrogate: Bromofluorobenzene	97.2 %	70-130		11/29/23	11/30/23	
Surrogate: 1,2-Dichloroethane-d4	99.9 %	70-130		11/29/23	11/30/23	
Surrogate: Toluene-d8	113 %	70-130		11/29/23	11/30/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2348049
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/29/23	11/30/23	
Surrogate: Bromofluorobenzene	97.2 %	70-130		11/29/23	11/30/23	
Surrogate: 1,2-Dichloroethane-d4	99.9 %	70-130		11/29/23	11/30/23	
Surrogate: Toluene-d8	113 %	70-130		11/29/23	11/30/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348069
Diesel Range Organics (C10-C28)	ND	25.0	1	11/29/23	12/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/29/23	12/01/23	
Surrogate: n-Nonane	90.6 %	50-200		11/29/23	12/01/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348076
Chloride	ND	20.0	1	11/30/23	11/30/23	





Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Arabian 30 19 Fed Com #001H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/5/2023 3:09:37PM
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H-9 0-6'

E311217-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2348049
Benzene	ND	0.0250	1	11/29/23	11/30/23	
Ethylbenzene	ND	0.0250	1	11/29/23	11/30/23	
Toluene	ND	0.0250	1	11/29/23	11/30/23	
o-Xylene	ND	0.0250	1	11/29/23	11/30/23	
p,m-Xylene	ND	0.0500	1	11/29/23	11/30/23	
Total Xylenes	ND	0.0250	1	11/29/23	11/30/23	
Surrogate: Bromofluorobenzene	99.0 %	70-130		11/29/23	11/30/23	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		11/29/23	11/30/23	
Surrogate: Toluene-d8	112 %	70-130		11/29/23	11/30/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2348049
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/29/23	11/30/23	
Surrogate: Bromofluorobenzene	99.0 %	70-130		11/29/23	11/30/23	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		11/29/23	11/30/23	
Surrogate: Toluene-d8	112 %	70-130		11/29/23	11/30/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348069
Diesel Range Organics (C10-C28)	ND	25.0	1	11/29/23	12/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/29/23	12/01/23	
Surrogate: n-Nonane	94.5 %	50-200		11/29/23	12/01/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348076
Chloride	ND	20.0	1	11/30/23	11/30/23	



## Sample Data

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

Project Name: Arabian 30 19 Fed Com #001H  
Project Number: 01058-0007  
Project Manager: Ethan Sessums

**Reported:**  
12/5/2023 3:09:37PM

H-10 0-6'

E311217-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2348049
Benzene	ND	0.0250	1	11/29/23	11/30/23	
Ethylbenzene	ND	0.0250	1	11/29/23	11/30/23	
Toluene	ND	0.0250	1	11/29/23	11/30/23	
o-Xylene	ND	0.0250	1	11/29/23	11/30/23	
p,m-Xylene	ND	0.0500	1	11/29/23	11/30/23	
Total Xylenes	ND	0.0250	1	11/29/23	11/30/23	
Surrogate: Bromofluorobenzene		100 %	70-130	11/29/23	11/30/23	
Surrogate: 1,2-Dichloroethane-d4		99.3 %	70-130	11/29/23	11/30/23	
Surrogate: Toluene-d8		112 %	70-130	11/29/23	11/30/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2348049
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/29/23	11/30/23	
Surrogate: Bromofluorobenzene		100 %	70-130	11/29/23	11/30/23	
Surrogate: 1,2-Dichloroethane-d4		99.3 %	70-130	11/29/23	11/30/23	
Surrogate: Toluene-d8		112 %	70-130	11/29/23	11/30/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348069
Diesel Range Organics (C10-C28)	ND	25.0	1	11/29/23	12/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/29/23	12/01/23	
Surrogate: n-Nonane		92.9 %	50-200	11/29/23	12/01/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348076
Chloride	ND	20.0	1	11/30/23	11/30/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Arabian 30 19 Fed Com #001H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/5/2023 3:09:37PM
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H-11 0-6'  
E311217-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2348049
Benzene	ND	0.0250	1	11/29/23	11/30/23	
Ethylbenzene	ND	0.0250	1	11/29/23	11/30/23	
Toluene	ND	0.0250	1	11/29/23	11/30/23	
o-Xylene	ND	0.0250	1	11/29/23	11/30/23	
p,m-Xylene	ND	0.0500	1	11/29/23	11/30/23	
Total Xylenes	ND	0.0250	1	11/29/23	11/30/23	
Surrogate: Bromofluorobenzene		100 %	70-130	11/29/23	11/30/23	
Surrogate: 1,2-Dichloroethane-d4		98.3 %	70-130	11/29/23	11/30/23	
Surrogate: Toluene-d8		115 %	70-130	11/29/23	11/30/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2348049
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/29/23	11/30/23	
Surrogate: Bromofluorobenzene		100 %	70-130	11/29/23	11/30/23	
Surrogate: 1,2-Dichloroethane-d4		98.3 %	70-130	11/29/23	11/30/23	
Surrogate: Toluene-d8		115 %	70-130	11/29/23	11/30/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348069
Diesel Range Organics (C10-C28)	ND	25.0	1	11/29/23	12/01/23	
Oil Range Organics (C28-C36)	53.6	50.0	1	11/29/23	12/01/23	
Surrogate: n-Nonane		93.8 %	50-200	11/29/23	12/01/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348076
Chloride	ND	20.0	1	11/30/23	11/30/23	

Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Arabian 30 19 Fed Com #001H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/5/2023 3:09:37PM
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H-12 0-6'

E311217-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2348049	
Benzene	ND	0.0250	1	11/29/23	11/30/23	
Ethylbenzene	ND	0.0250	1	11/29/23	11/30/23	
Toluene	ND	0.0250	1	11/29/23	11/30/23	
o-Xylene	ND	0.0250	1	11/29/23	11/30/23	
p,m-Xylene	ND	0.0500	1	11/29/23	11/30/23	
Total Xylenes	ND	0.0250	1	11/29/23	11/30/23	
Surrogate: Bromofluorobenzene	99.3 %	70-130		11/29/23	11/30/23	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		11/29/23	11/30/23	
Surrogate: Toluene-d8	114 %	70-130		11/29/23	11/30/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2348049	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/29/23	11/30/23	
Surrogate: Bromofluorobenzene	99.3 %	70-130		11/29/23	11/30/23	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		11/29/23	11/30/23	
Surrogate: Toluene-d8	114 %	70-130		11/29/23	11/30/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2348069	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/29/23	12/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/29/23	12/01/23	
Surrogate: n-Nonane	92.9 %	50-200		11/29/23	12/01/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2348076	
Chloride	ND	20.0	1	11/30/23	11/30/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Arabian 30 19 Fed Com #001H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/5/2023 3:09:37PM
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H-13 0-6'

E311217-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2348049
Benzene	ND	0.0250	1	11/29/23	11/30/23	
Ethylbenzene	ND	0.0250	1	11/29/23	11/30/23	
Toluene	ND	0.0250	1	11/29/23	11/30/23	
o-Xylene	ND	0.0250	1	11/29/23	11/30/23	
p,m-Xylene	ND	0.0500	1	11/29/23	11/30/23	
Total Xylenes	ND	0.0250	1	11/29/23	11/30/23	
Surrogate: Bromofluorobenzene		100 %	70-130	11/29/23	11/30/23	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130	11/29/23	11/30/23	
Surrogate: Toluene-d8		113 %	70-130	11/29/23	11/30/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2348049
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/29/23	11/30/23	
Surrogate: Bromofluorobenzene		100 %	70-130	11/29/23	11/30/23	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130	11/29/23	11/30/23	
Surrogate: Toluene-d8		113 %	70-130	11/29/23	11/30/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348069
Diesel Range Organics (C10-C28)	ND	25.0	1	11/29/23	12/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/29/23	12/01/23	
Surrogate: n-Nonane		61.4 %	50-200	11/29/23	12/01/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348076
Chloride	ND	20.0	1	11/30/23	11/30/23	





Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Arabian 30 19 Fed Com #001H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/5/2023 3:09:37PM
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H-14 0-6'

E311217-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2348049	
Benzene	ND	0.0250	1	11/29/23	11/30/23	
Ethylbenzene	ND	0.0250	1	11/29/23	11/30/23	
Toluene	ND	0.0250	1	11/29/23	11/30/23	
o-Xylene	ND	0.0250	1	11/29/23	11/30/23	
p,m-Xylene	ND	0.0500	1	11/29/23	11/30/23	
Total Xylenes	ND	0.0250	1	11/29/23	11/30/23	
Surrogate: Bromofluorobenzene		101 %	70-130	11/29/23	11/30/23	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	11/29/23	11/30/23	
Surrogate: Toluene-d8		115 %	70-130	11/29/23	11/30/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2348049	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/29/23	11/30/23	
Surrogate: Bromofluorobenzene		101 %	70-130	11/29/23	11/30/23	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	11/29/23	11/30/23	
Surrogate: Toluene-d8		115 %	70-130	11/29/23	11/30/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2348069	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/29/23	12/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/29/23	12/01/23	
Surrogate: n-Nonane		95.8 %	50-200	11/29/23	12/01/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2348076	
Chloride	82.6	20.0	1	11/30/23	11/30/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Arabian 30 19 Fed Com #001H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/5/2023 3:09:37PM
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V-1 0-6'

E311217-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2348049
Benzene	ND	0.0250	1	11/29/23	11/30/23	
Ethylbenzene	ND	0.0250	1	11/29/23	11/30/23	
Toluene	ND	0.0250	1	11/29/23	11/30/23	
o-Xylene	ND	0.0250	1	11/29/23	11/30/23	
p,m-Xylene	ND	0.0500	1	11/29/23	11/30/23	
Total Xylenes	ND	0.0250	1	11/29/23	11/30/23	
Surrogate: Bromofluorobenzene		101 %	70-130	11/29/23	11/30/23	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	11/29/23	11/30/23	
Surrogate: Toluene-d8		115 %	70-130	11/29/23	11/30/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2348049
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/29/23	11/30/23	
Surrogate: Bromofluorobenzene		101 %	70-130	11/29/23	11/30/23	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	11/29/23	11/30/23	
Surrogate: Toluene-d8		115 %	70-130	11/29/23	11/30/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348069
Diesel Range Organics (C10-C28)	ND	25.0	1	11/29/23	12/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/29/23	12/01/23	
Surrogate: n-Nonane		78.1 %	50-200	11/29/23	12/01/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348076
Chloride	50.1	20.0	1	11/30/23	11/30/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Arabian 30 19 Fed Com #001H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/5/2023 3:09:37PM
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V-1 1-1.5'

E311217-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2348049
Benzene	ND	0.0250	1	11/29/23	11/30/23	
Ethylbenzene	ND	0.0250	1	11/29/23	11/30/23	
Toluene	ND	0.0250	1	11/29/23	11/30/23	
o-Xylene	ND	0.0250	1	11/29/23	11/30/23	
p,m-Xylene	ND	0.0500	1	11/29/23	11/30/23	
Total Xylenes	ND	0.0250	1	11/29/23	11/30/23	
Surrogate: Bromofluorobenzene	98.9 %	70-130		11/29/23	11/30/23	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		11/29/23	11/30/23	
Surrogate: Toluene-d8	113 %	70-130		11/29/23	11/30/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2348049
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/29/23	11/30/23	
Surrogate: Bromofluorobenzene	98.9 %	70-130		11/29/23	11/30/23	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		11/29/23	11/30/23	
Surrogate: Toluene-d8	113 %	70-130		11/29/23	11/30/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348069
Diesel Range Organics (C10-C28)	ND	25.0	1	11/29/23	12/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/29/23	12/01/23	
Surrogate: n-Nonane	98.6 %	50-200		11/29/23	12/01/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348076
Chloride	90.9	20.0	1	11/30/23	11/30/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Arabian 30 19 Fed Com #001H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/5/2023 3:09:37PM
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V-1 2-2.5'

E311217-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2348049
Benzene	ND	0.0250	1	11/29/23	11/30/23	
Ethylbenzene	ND	0.0250	1	11/29/23	11/30/23	
Toluene	ND	0.0250	1	11/29/23	11/30/23	
o-Xylene	ND	0.0250	1	11/29/23	11/30/23	
p,m-Xylene	ND	0.0500	1	11/29/23	11/30/23	
Total Xylenes	ND	0.0250	1	11/29/23	11/30/23	
Surrogate: Bromofluorobenzene		101 %	70-130	11/29/23	11/30/23	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	11/29/23	11/30/23	
Surrogate: Toluene-d8		112 %	70-130	11/29/23	11/30/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2348049
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/29/23	11/30/23	
Surrogate: Bromofluorobenzene		101 %	70-130	11/29/23	11/30/23	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	11/29/23	11/30/23	
Surrogate: Toluene-d8		112 %	70-130	11/29/23	11/30/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348069
Diesel Range Organics (C10-C28)	ND	25.0	1	11/29/23	12/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/29/23	12/01/23	
Surrogate: n-Nonane		96.1 %	50-200	11/29/23	12/01/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348076
Chloride	286	20.0	1	11/30/23	11/30/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Arabian 30 19 Fed Com #001H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/5/2023 3:09:37PM
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V-1 3-3.5'

E311217-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2348049
Benzene	ND	0.0250	1	11/29/23	11/30/23	
Ethylbenzene	ND	0.0250	1	11/29/23	11/30/23	
Toluene	ND	0.0250	1	11/29/23	11/30/23	
o-Xylene	ND	0.0250	1	11/29/23	11/30/23	
p,m-Xylene	ND	0.0500	1	11/29/23	11/30/23	
Total Xylenes	ND	0.0250	1	11/29/23	11/30/23	
Surrogate: Bromofluorobenzene		103 %	70-130	11/29/23	11/30/23	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130	11/29/23	11/30/23	
Surrogate: Toluene-d8		114 %	70-130	11/29/23	11/30/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2348049
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/29/23	11/30/23	
Surrogate: Bromofluorobenzene		103 %	70-130	11/29/23	11/30/23	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130	11/29/23	11/30/23	
Surrogate: Toluene-d8		114 %	70-130	11/29/23	11/30/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348069
Diesel Range Organics (C10-C28)	ND	25.0	1	11/29/23	12/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/29/23	12/01/23	
Surrogate: n-Nonane		91.4 %	50-200	11/29/23	12/01/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348076
Chloride	941	20.0	1	11/30/23	12/01/23	





## Sample Data

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

Project Name: Arabian 30 19 Fed Com #001H  
Project Number: 01058-0007  
Project Manager: Ethan Sessums

**Reported:**  
12/5/2023 3:09:37PM

V-1 4-4.5'

E311217-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2348049
Benzene	ND	0.0250	1	11/29/23	11/30/23	
Ethylbenzene	ND	0.0250	1	11/29/23	11/30/23	
Toluene	ND	0.0250	1	11/29/23	11/30/23	
o-Xylene	ND	0.0250	1	11/29/23	11/30/23	
p,m-Xylene	ND	0.0500	1	11/29/23	11/30/23	
Total Xylenes	ND	0.0250	1	11/29/23	11/30/23	
Surrogate: Bromofluorobenzene		101 %	70-130	11/29/23	11/30/23	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	11/29/23	11/30/23	
Surrogate: Toluene-d8		113 %	70-130	11/29/23	11/30/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2348049
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/29/23	11/30/23	
Surrogate: Bromofluorobenzene		101 %	70-130	11/29/23	11/30/23	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	11/29/23	11/30/23	
Surrogate: Toluene-d8		113 %	70-130	11/29/23	11/30/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348069
Diesel Range Organics (C10-C28)	ND	25.0	1	11/29/23	12/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/29/23	12/01/23	
Surrogate: n-Nonane		92.9 %	50-200	11/29/23	12/01/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348076
Chloride	1870	20.0	1	11/30/23	12/01/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Arabian 30 19 Fed Com #001H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/5/2023 3:09:37PM
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V-2 0-6'

E311217-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2348049
Benzene	ND	0.0250	1	11/29/23	11/30/23	
Ethylbenzene	ND	0.0250	1	11/29/23	11/30/23	
Toluene	ND	0.0250	1	11/29/23	11/30/23	
o-Xylene	ND	0.0250	1	11/29/23	11/30/23	
p,m-Xylene	ND	0.0500	1	11/29/23	11/30/23	
Total Xylenes	ND	0.0250	1	11/29/23	11/30/23	
Surrogate: Bromofluorobenzene		100 %	70-130	11/29/23	11/30/23	
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70-130	11/29/23	11/30/23	
Surrogate: Toluene-d8		112 %	70-130	11/29/23	11/30/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2348049
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/29/23	11/30/23	
Surrogate: Bromofluorobenzene		100 %	70-130	11/29/23	11/30/23	
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70-130	11/29/23	11/30/23	
Surrogate: Toluene-d8		112 %	70-130	11/29/23	11/30/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348069
Diesel Range Organics (C10-C28)	ND	25.0	1	11/29/23	12/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/29/23	12/01/23	
Surrogate: n-Nonane		93.2 %	50-200	11/29/23	12/01/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348076
Chloride	63.7	20.0	1	11/30/23	12/01/23	



## Sample Data

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

Project Name: Arabian 30 19 Fed Com #001H  
Project Number: 01058-0007  
Project Manager: Ethan Sessums

**Reported:**  
12/5/2023 3:09:37PM

V-2 1-1.5'

E311217-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2348050	
Benzene	ND	0.0250	1	11/29/23	12/01/23	
Ethylbenzene	ND	0.0250	1	11/29/23	12/01/23	
Toluene	ND	0.0250	1	11/29/23	12/01/23	
o-Xylene	ND	0.0250	1	11/29/23	12/01/23	
p,m-Xylene	ND	0.0500	1	11/29/23	12/01/23	
Total Xylenes	ND	0.0250	1	11/29/23	12/01/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.1 %	70-130	11/29/23	12/01/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2348050	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/29/23	12/01/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.9 %	70-130	11/29/23	12/01/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2348070	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/29/23	11/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/29/23	11/30/23	
<i>Surrogate: n-Nonane</i>		89.7 %	50-200	11/29/23	11/30/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2348077	
Chloride	122	20.0	1	11/30/23	11/30/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Arabian 30 19 Fed Com #001H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/5/2023 3:09:37PM
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V-2 2-2.5'

E311217-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2348050	
Benzene	ND	0.0250	1	11/29/23	12/01/23	
Ethylbenzene	ND	0.0250	1	11/29/23	12/01/23	
Toluene	ND	0.0250	1	11/29/23	12/01/23	
o-Xylene	ND	0.0250	1	11/29/23	12/01/23	
p,m-Xylene	ND	0.0500	1	11/29/23	12/01/23	
Total Xylenes	ND	0.0250	1	11/29/23	12/01/23	
Surrogate: 4-Bromochlorobenzene-PID	94.4 %	70-130		11/29/23	12/01/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2348050	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/29/23	12/01/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	96.4 %	70-130		11/29/23	12/01/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2348070	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/29/23	11/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/29/23	11/30/23	
Surrogate: n-Nonane	90.6 %	50-200		11/29/23	11/30/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2348077	
Chloride	139	20.0	1	11/30/23	11/30/23	





Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Arabian 30 19 Fed Com #001H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/5/2023 3:09:37PM
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V-2 3-3.5'

E311217-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2348050	
Benzene	ND	0.0250	1	11/29/23	12/01/23	
Ethylbenzene	ND	0.0250	1	11/29/23	12/01/23	
Toluene	ND	0.0250	1	11/29/23	12/01/23	
o-Xylene	ND	0.0250	1	11/29/23	12/01/23	
p,m-Xylene	ND	0.0500	1	11/29/23	12/01/23	
Total Xylenes	ND	0.0250	1	11/29/23	12/01/23	
Surrogate: 4-Bromochlorobenzene-PID	95.5 %	70-130		11/29/23	12/01/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2348050	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/29/23	12/01/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	94.3 %	70-130		11/29/23	12/01/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2348070	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/29/23	11/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/29/23	11/30/23	
Surrogate: n-Nonane	83.9 %	50-200		11/29/23	11/30/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2348077	
Chloride	481	20.0	1	11/30/23	11/30/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Arabian 30 19 Fed Com #001H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/5/2023 3:09:37PM
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V-2 4-4.5'

E311217-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2348050	
Benzene	ND	0.0250	1	11/29/23	12/01/23	
Ethylbenzene	ND	0.0250	1	11/29/23	12/01/23	
Toluene	ND	0.0250	1	11/29/23	12/01/23	
o-Xylene	ND	0.0250	1	11/29/23	12/01/23	
p,m-Xylene	ND	0.0500	1	11/29/23	12/01/23	
Total Xylenes	ND	0.0250	1	11/29/23	12/01/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.5 %	70-130		11/29/23	12/01/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2348050	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/29/23	12/01/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.3 %	70-130		11/29/23	12/01/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2348070	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/29/23	11/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/29/23	11/30/23	
<i>Surrogate: n-Nonane</i>						
	86.8 %	50-200		11/29/23	11/30/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2348077	
Chloride	1200	20.0	1	11/30/23	11/30/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Arabian 30 19 Fed Com #001H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/5/2023 3:09:37PM
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V-3 0-6'

E311217-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2348050	
Benzene	ND	0.0250	1	11/29/23	11/30/23	
Ethylbenzene	ND	0.0250	1	11/29/23	11/30/23	
Toluene	ND	0.0250	1	11/29/23	11/30/23	
o-Xylene	ND	0.0250	1	11/29/23	11/30/23	
p,m-Xylene	ND	0.0500	1	11/29/23	11/30/23	
Total Xylenes	ND	0.0250	1	11/29/23	11/30/23	
Surrogate: 4-Bromochlorobenzene-PID	96.6 %	70-130		11/29/23	11/30/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2348050	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/29/23	11/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	93.1 %	70-130		11/29/23	11/30/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2348070	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/29/23	11/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/29/23	11/30/23	
Surrogate: n-Nonane	90.4 %	50-200		11/29/23	11/30/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2348077	
Chloride	ND	20.0	1	11/30/23	11/30/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Arabian 30 19 Fed Com #001H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/5/2023 3:09:37PM
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V-3 1-1.5'

E311217-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2348050
Benzene	ND	0.0250	1	11/29/23	12/01/23	
Ethylbenzene	ND	0.0250	1	11/29/23	12/01/23	
Toluene	ND	0.0250	1	11/29/23	12/01/23	
o-Xylene	ND	0.0250	1	11/29/23	12/01/23	
p,m-Xylene	ND	0.0500	1	11/29/23	12/01/23	
Total Xylenes	ND	0.0250	1	11/29/23	12/01/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.8 %	70-130		11/29/23	12/01/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2348050
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/29/23	12/01/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.9 %	70-130		11/29/23	12/01/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348070
Diesel Range Organics (C10-C28)	ND	25.0	1	11/29/23	11/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/29/23	11/30/23	
<i>Surrogate: n-Nonane</i>						
	84.6 %	50-200		11/29/23	11/30/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348077
Chloride	ND	20.0	1	11/30/23	11/30/23	





Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Arabian 30 19 Fed Com #001H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/5/2023 3:09:37PM
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V-3 2-2.5'

E311217-27

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2348050	
Benzene	ND	0.0250	1	11/29/23	12/01/23	
Ethylbenzene	ND	0.0250	1	11/29/23	12/01/23	
Toluene	ND	0.0250	1	11/29/23	12/01/23	
o-Xylene	ND	0.0250	1	11/29/23	12/01/23	
p,m-Xylene	ND	0.0500	1	11/29/23	12/01/23	
Total Xylenes	ND	0.0250	1	11/29/23	12/01/23	
Surrogate: 4-Bromochlorobenzene-PID	95.0 %	70-130		11/29/23	12/01/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2348050	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/29/23	12/01/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	95.5 %	70-130		11/29/23	12/01/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2348070	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/29/23	11/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/29/23	11/30/23	
Surrogate: n-Nonane	86.9 %	50-200		11/29/23	11/30/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2348077	
Chloride	31.7	20.0	1	11/30/23	11/30/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Arabian 30 19 Fed Com #001H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/5/2023 3:09:37PM
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V-3 3-3.5'

E311217-28

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2348050	
Benzene	ND	0.0250	1	11/29/23	12/01/23	
Ethylbenzene	ND	0.0250	1	11/29/23	12/01/23	
Toluene	ND	0.0250	1	11/29/23	12/01/23	
o-Xylene	ND	0.0250	1	11/29/23	12/01/23	
p,m-Xylene	ND	0.0500	1	11/29/23	12/01/23	
Total Xylenes	ND	0.0250	1	11/29/23	12/01/23	
Surrogate: 4-Bromochlorobenzene-PID	95.9 %	70-130		11/29/23	12/01/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2348050	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/29/23	12/01/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	95.8 %	70-130		11/29/23	12/01/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2348070	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/29/23	11/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/29/23	11/30/23	
Surrogate: n-Nonane	87.1 %	50-200		11/29/23	11/30/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2348077	
Chloride	322	20.0	1	11/30/23	11/30/23	



## Sample Data

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

Project Name: Arabian 30 19 Fed Com #001H  
Project Number: 01058-0007  
Project Manager: Ethan Sessums

**Reported:**  
12/5/2023 3:09:37PM

V-3 4-4.5'

E311217-29

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2348050
Benzene	ND	0.0250	1	11/29/23	12/01/23	
Ethylbenzene	ND	0.0250	1	11/29/23	12/01/23	
Toluene	ND	0.0250	1	11/29/23	12/01/23	
o-Xylene	ND	0.0250	1	11/29/23	12/01/23	
p,m-Xylene	ND	0.0500	1	11/29/23	12/01/23	
Total Xylenes	ND	0.0250	1	11/29/23	12/01/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.7 %	70-130		11/29/23	12/01/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2348050
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/29/23	12/01/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.8 %	70-130		11/29/23	12/01/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348070
Diesel Range Organics (C10-C28)	ND	25.0	1	11/29/23	11/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/29/23	11/30/23	
<i>Surrogate: n-Nonane</i>						
	88.9 %	50-200		11/29/23	11/30/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348077
Chloride	622	20.0	1	11/30/23	11/30/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Arabian 30 19 Fed Com #001H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/5/2023 3:09:37PM
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V-4 0-6'

E311217-30

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2348050	
Benzene	ND	0.0250	1	11/29/23	12/01/23	
Ethylbenzene	ND	0.0250	1	11/29/23	12/01/23	
Toluene	ND	0.0250	1	11/29/23	12/01/23	
o-Xylene	ND	0.0250	1	11/29/23	12/01/23	
p,m-Xylene	ND	0.0500	1	11/29/23	12/01/23	
Total Xylenes	ND	0.0250	1	11/29/23	12/01/23	
Surrogate: 4-Bromochlorobenzene-PID	94.0 %	70-130		11/29/23	12/01/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2348050	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/29/23	12/01/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	96.9 %	70-130		11/29/23	12/01/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2348070	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/29/23	12/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/29/23	12/01/23	
Surrogate: n-Nonane	88.6 %	50-200		11/29/23	12/01/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2348077	
Chloride	ND	20.0	1	11/30/23	11/30/23	





Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Arabian 30 19 Fed Com #001H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/5/2023 3:09:37PM
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V-4 1-1.5'

E311217-31

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2348050	
Benzene	ND	0.0250	1	11/29/23	12/01/23	
Ethylbenzene	ND	0.0250	1	11/29/23	12/01/23	
Toluene	ND	0.0250	1	11/29/23	12/01/23	
o-Xylene	ND	0.0250	1	11/29/23	12/01/23	
p,m-Xylene	ND	0.0500	1	11/29/23	12/01/23	
Total Xylenes	ND	0.0250	1	11/29/23	12/01/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.6 %	70-130		11/29/23	12/01/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2348050	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/29/23	12/01/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.8 %	70-130		11/29/23	12/01/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2348070	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/29/23	12/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/29/23	12/01/23	
<i>Surrogate: n-Nonane</i>						
	86.7 %	50-200		11/29/23	12/01/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2348077	
Chloride	ND	20.0	1	11/30/23	11/30/23	



Sample Data

NTG-New Tech Global Environmental	Project Name:	Arabian 30 19 Fed Com #001H	<b>Reported:</b> 12/5/2023 3:09:37PM
911 Regional Park Dr.	Project Number:	01058-0007	
Houston TX, 77060	Project Manager:	Ethan Sessums	

V-4 2-2.5'

E311217-32

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2348050	
Benzene	ND	0.0250	1	11/29/23	12/01/23	
Ethylbenzene	ND	0.0250	1	11/29/23	12/01/23	
Toluene	ND	0.0250	1	11/29/23	12/01/23	
o-Xylene	ND	0.0250	1	11/29/23	12/01/23	
p,m-Xylene	ND	0.0500	1	11/29/23	12/01/23	
Total Xylenes	ND	0.0250	1	11/29/23	12/01/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.6 %	70-130		11/29/23	12/01/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2348050	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/29/23	12/01/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.1 %	70-130		11/29/23	12/01/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2348070	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/29/23	12/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/29/23	12/01/23	
<i>Surrogate: n-Nonane</i>						
	88.1 %	50-200		11/29/23	12/01/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2348077	
Chloride	ND	20.0	1	11/30/23	11/30/23	

Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Arabian 30 19 Fed Com #001H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/5/2023 3:09:37PM
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V-4 3-3.5'

E311217-33

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2348050	
Benzene	ND	0.0250	1	11/29/23	12/01/23	
Ethylbenzene	ND	0.0250	1	11/29/23	12/01/23	
Toluene	ND	0.0250	1	11/29/23	12/01/23	
o-Xylene	ND	0.0250	1	11/29/23	12/01/23	
p,m-Xylene	ND	0.0500	1	11/29/23	12/01/23	
Total Xylenes	ND	0.0250	1	11/29/23	12/01/23	
Surrogate: 4-Bromochlorobenzene-PID	93.0 %	70-130		11/29/23	12/01/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2348050	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/29/23	12/01/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	96.2 %	70-130		11/29/23	12/01/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2348070	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/29/23	12/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/29/23	12/01/23	
Surrogate: n-Nonane	89.1 %	50-200		11/29/23	12/01/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2348077	
Chloride	ND	20.0	1	11/30/23	11/30/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Arabian 30 19 Fed Com #001H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/5/2023 3:09:37PM
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V-4 4-4.5'

E311217-34

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2348050	
Benzene	ND	0.0250	1	11/29/23	12/01/23	
Ethylbenzene	ND	0.0250	1	11/29/23	12/01/23	
Toluene	ND	0.0250	1	11/29/23	12/01/23	
o-Xylene	ND	0.0250	1	11/29/23	12/01/23	
p,m-Xylene	ND	0.0500	1	11/29/23	12/01/23	
Total Xylenes	ND	0.0250	1	11/29/23	12/01/23	
Surrogate: 4-Bromochlorobenzene-PID	93.5 %	70-130		11/29/23	12/01/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2348050	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/29/23	12/01/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	97.2 %	70-130		11/29/23	12/01/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2348070	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/29/23	12/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/29/23	12/01/23	
Surrogate: n-Nonane	87.3 %	50-200		11/29/23	12/01/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2348077	
Chloride	ND	20.0	1	11/30/23	11/30/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Arabian 30 19 Fed Com #001H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/5/2023 3:09:37PM
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V-5 0-6'

E311217-35

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2348050
Benzene	ND	0.0250	1	11/29/23	12/01/23	
Ethylbenzene	ND	0.0250	1	11/29/23	12/01/23	
Toluene	ND	0.0250	1	11/29/23	12/01/23	
o-Xylene	ND	0.0250	1	11/29/23	12/01/23	
p,m-Xylene	ND	0.0500	1	11/29/23	12/01/23	
Total Xylenes	ND	0.0250	1	11/29/23	12/01/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.4 %	70-130		11/29/23	12/01/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2348050
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/29/23	12/01/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.9 %	70-130		11/29/23	12/01/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348070
Diesel Range Organics (C10-C28)	ND	25.0	1	11/29/23	12/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/29/23	12/01/23	
<i>Surrogate: n-Nonane</i>						
	88.5 %	50-200		11/29/23	12/01/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348077
Chloride	ND	20.0	1	11/30/23	11/30/23	





Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Arabian 30 19 Fed Com #001H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/5/2023 3:09:37PM
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V-5-1-1.5'

E311217-36

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2348050
Benzene	ND	0.0250	1	11/29/23	12/01/23	
Ethylbenzene	ND	0.0250	1	11/29/23	12/01/23	
Toluene	ND	0.0250	1	11/29/23	12/01/23	
o-Xylene	ND	0.0250	1	11/29/23	12/01/23	
p,m-Xylene	ND	0.0500	1	11/29/23	12/01/23	
Total Xylenes	ND	0.0250	1	11/29/23	12/01/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.8 %	70-130		11/29/23	12/01/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2348050
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/29/23	12/01/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.6 %	70-130		11/29/23	12/01/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348070
Diesel Range Organics (C10-C28)	ND	25.0	1	11/29/23	12/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/29/23	12/01/23	
<i>Surrogate: n-Nonane</i>						
	86.9 %	50-200		11/29/23	12/01/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348077
Chloride	ND	20.0	1	11/30/23	11/30/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Arabian 30 19 Fed Com #001H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/5/2023 3:09:37PM
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V-5 2-2.5'

E311217-37

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2348050	
Benzene	ND	0.0250	1	11/29/23	12/01/23	
Ethylbenzene	ND	0.0250	1	11/29/23	12/01/23	
Toluene	ND	0.0250	1	11/29/23	12/01/23	
o-Xylene	ND	0.0250	1	11/29/23	12/01/23	
p,m-Xylene	ND	0.0500	1	11/29/23	12/01/23	
Total Xylenes	ND	0.0250	1	11/29/23	12/01/23	
Surrogate: 4-Bromochlorobenzene-PID	93.7 %	70-130		11/29/23	12/01/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2348050	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/29/23	12/01/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	96.9 %	70-130		11/29/23	12/01/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2348070	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/29/23	12/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/29/23	12/01/23	
Surrogate: n-Nonane	85.5 %	50-200		11/29/23	12/01/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2348077	
Chloride	36.1	20.0	1	11/30/23	11/30/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Arabian 30 19 Fed Com #001H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/5/2023 3:09:37PM
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V-5 3-3.5'

E311217-38

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2348050	
Benzene	ND	0.0250	1	11/29/23	12/01/23	
Ethylbenzene	ND	0.0250	1	11/29/23	12/01/23	
Toluene	ND	0.0250	1	11/29/23	12/01/23	
o-Xylene	ND	0.0250	1	11/29/23	12/01/23	
p,m-Xylene	ND	0.0500	1	11/29/23	12/01/23	
Total Xylenes	ND	0.0250	1	11/29/23	12/01/23	
Surrogate: 4-Bromochlorobenzene-PID	93.9 %	70-130		11/29/23	12/01/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2348050	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/29/23	12/01/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	98.3 %	70-130		11/29/23	12/01/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2348070	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/29/23	12/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/29/23	12/01/23	
Surrogate: n-Nonane	88.8 %	50-200		11/29/23	12/01/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2348077	
Chloride	58.3	20.0	1	11/30/23	11/30/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Arabian 30 19 Fed Com #001H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/5/2023 3:09:37PM
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V-5 4-4.5'

E311217-39

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2348050	
Benzene	ND	0.0250	1	11/29/23	12/01/23	
Ethylbenzene	ND	0.0250	1	11/29/23	12/01/23	
Toluene	ND	0.0250	1	11/29/23	12/01/23	
o-Xylene	ND	0.0250	1	11/29/23	12/01/23	
p,m-Xylene	ND	0.0500	1	11/29/23	12/01/23	
Total Xylenes	ND	0.0250	1	11/29/23	12/01/23	
Surrogate: 4-Bromochlorobenzene-PID	94.8 %	70-130		11/29/23	12/01/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2348050	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/29/23	12/01/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	97.0 %	70-130		11/29/23	12/01/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2348070	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/29/23	12/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/29/23	12/01/23	
Surrogate: n-Nonane	89.5 %	50-200		11/29/23	12/01/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2348077	
Chloride	117	20.0	1	11/30/23	11/30/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Arabian 30 19 Fed Com #001H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/5/2023 3:09:37PM
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V-6 0-6'

E311217-40

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2348050	
Benzene	ND	0.0250	1	11/29/23	12/01/23	
Ethylbenzene	ND	0.0250	1	11/29/23	12/01/23	
Toluene	ND	0.0250	1	11/29/23	12/01/23	
o-Xylene	ND	0.0250	1	11/29/23	12/01/23	
p,m-Xylene	ND	0.0500	1	11/29/23	12/01/23	
Total Xylenes	ND	0.0250	1	11/29/23	12/01/23	
Surrogate: 4-Bromochlorobenzene-PID	93.7 %	70-130		11/29/23	12/01/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2348050	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/29/23	12/01/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	96.4 %	70-130		11/29/23	12/01/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2348070	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/29/23	12/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/29/23	12/01/23	
Surrogate: n-Nonane	83.9 %	50-200		11/29/23	12/01/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2348077	
Chloride	ND	20.0	1	11/30/23	11/30/23	





Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Arabian 30 19 Fed Com #001H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/5/2023 3:09:37PM
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V-6 1-1.5'

E311217-41

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2348048	
Benzene	ND	0.0250	1	11/29/23	11/30/23	
Ethylbenzene	ND	0.0250	1	11/29/23	11/30/23	
Toluene	ND	0.0250	1	11/29/23	11/30/23	
o-Xylene	ND	0.0250	1	11/29/23	11/30/23	
p,m-Xylene	ND	0.0500	1	11/29/23	11/30/23	
Total Xylenes	ND	0.0250	1	11/29/23	11/30/23	
Surrogate: 4-Bromochlorobenzene-PID	93.9 %	70-130		11/29/23	11/30/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2348048	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/29/23	11/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	91.4 %	70-130		11/29/23	11/30/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2348072	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/30/23	12/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/30/23	12/01/23	
Surrogate: n-Nonane	79.8 %	50-200		11/30/23	12/01/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2348079	
Chloride	ND	20.0	1	11/30/23	11/30/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Arabian 30 19 Fed Com #001H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/5/2023 3:09:37PM
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V-6 2-2.5'

E311217-42

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2348048	
Benzene	ND	0.0250	1	11/29/23	11/30/23	
Ethylbenzene	ND	0.0250	1	11/29/23	11/30/23	
Toluene	ND	0.0250	1	11/29/23	11/30/23	
o-Xylene	ND	0.0250	1	11/29/23	11/30/23	
p,m-Xylene	ND	0.0500	1	11/29/23	11/30/23	
Total Xylenes	ND	0.0250	1	11/29/23	11/30/23	
Surrogate: 4-Bromochlorobenzene-PID	94.0 %	70-130		11/29/23	11/30/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2348048	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/29/23	11/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	93.2 %	70-130		11/29/23	11/30/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2348072	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/30/23	12/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/30/23	12/01/23	
Surrogate: n-Nonane	80.8 %	50-200		11/30/23	12/01/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2348079	
Chloride	165	20.0	1	11/30/23	11/30/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Arabian 30 19 Fed Com #001H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/5/2023 3:09:37PM
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V-6 3-3.5'

E311217-43

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2348048	
Benzene	ND	0.0250	1	11/29/23	11/30/23	
Ethylbenzene	ND	0.0250	1	11/29/23	11/30/23	
Toluene	ND	0.0250	1	11/29/23	11/30/23	
o-Xylene	ND	0.0250	1	11/29/23	11/30/23	
p,m-Xylene	ND	0.0500	1	11/29/23	11/30/23	
Total Xylenes	ND	0.0250	1	11/29/23	11/30/23	
Surrogate: 4-Bromochlorobenzene-PID	93.7 %	70-130		11/29/23	11/30/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2348048	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/29/23	11/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	92.7 %	70-130		11/29/23	11/30/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2348072	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/30/23	12/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/30/23	12/01/23	
Surrogate: n-Nonane	81.6 %	50-200		11/30/23	12/01/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2348079	
Chloride	236	20.0	1	11/30/23	11/30/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Arabian 30 19 Fed Com #001H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/5/2023 3:09:37PM
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V-6 4-4.5'

E311217-44

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2348048	
Benzene	ND	0.0250	1	11/29/23	11/30/23	
Ethylbenzene	ND	0.0250	1	11/29/23	11/30/23	
Toluene	ND	0.0250	1	11/29/23	11/30/23	
o-Xylene	ND	0.0250	1	11/29/23	11/30/23	
p,m-Xylene	ND	0.0500	1	11/29/23	11/30/23	
Total Xylenes	ND	0.0250	1	11/29/23	11/30/23	
Surrogate: 4-Bromochlorobenzene-PID	93.5 %	70-130		11/29/23	11/30/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2348048	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/29/23	11/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	93.4 %	70-130		11/29/23	11/30/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2348072	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/30/23	12/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/30/23	12/01/23	
Surrogate: n-Nonane	81.2 %	50-200		11/30/23	12/01/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2348079	
Chloride	333	20.0	1	11/30/23	11/30/23	



QC Summary Data

NTG-New Tech Global Environmental	Project Name:	Arabian 30 19 Fed Com #001H	Reported:
911 Regional Park Dr.	Project Number:	01058-0007	
Houston TX, 77060	Project Manager:	Ethan Sessums	12/5/2023 3:09:37PM

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

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

Blank (2348049-BLK1) Prepared: 11/29/23 Analyzed: 11/30/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.492		0.500		98.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.508		0.500		102	70-130			
Surrogate: Toluene-d8	0.560		0.500		112	70-130			

LCS (2348049-BS1) Prepared: 11/29/23 Analyzed: 11/30/23

Benzene	2.56	0.0250	2.50		102	70-130			
Ethylbenzene	2.68	0.0250	2.50		107	70-130			
Toluene	2.79	0.0250	2.50		112	70-130			
o-Xylene	2.54	0.0250	2.50		102	70-130			
p,m-Xylene	5.16	0.0500	5.00		103	70-130			
Total Xylenes	7.70	0.0250	7.50		103	70-130			
Surrogate: Bromofluorobenzene	0.481		0.500		96.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.501		0.500		100	70-130			
Surrogate: Toluene-d8	0.563		0.500		113	70-130			

Matrix Spike (2348049-MS1) Source: E311217-06 Prepared: 11/29/23 Analyzed: 11/30/23

Benzene	2.58	0.0250	2.50	ND	103	48-131			
Ethylbenzene	2.71	0.0250	2.50	ND	108	45-135			
Toluene	2.82	0.0250	2.50	ND	113	48-130			
o-Xylene	2.60	0.0250	2.50	ND	104	43-135			
p,m-Xylene	5.26	0.0500	5.00	ND	105	43-135			
Total Xylenes	7.86	0.0250	7.50	ND	105	43-135			
Surrogate: Bromofluorobenzene	0.492		0.500		98.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.495		0.500		98.9	70-130			
Surrogate: Toluene-d8	0.557		0.500		111	70-130			

Matrix Spike Dup (2348049-MSD1) Source: E311217-06 Prepared: 11/29/23 Analyzed: 11/30/23

Benzene	2.57	0.0250	2.50	ND	103	48-131	0.350	23	
Ethylbenzene	2.71	0.0250	2.50	ND	108	45-135	0.111	27	
Toluene	2.83	0.0250	2.50	ND	113	48-130	0.195	24	
o-Xylene	2.65	0.0250	2.50	ND	106	43-135	2.00	27	
p,m-Xylene	5.36	0.0500	5.00	ND	107	43-135	1.96	27	
Total Xylenes	8.02	0.0250	7.50	ND	107	43-135	1.97	27	
Surrogate: Bromofluorobenzene	0.495		0.500		99.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.504		0.500		101	70-130			
Surrogate: Toluene-d8	0.553		0.500		111	70-130			





QC Summary Data

NTG-New Tech Global Environmental	Project Name:	Arabian 30 19 Fed Com #001H	Reported:
911 Regional Park Dr.	Project Number:	01058-0007	
Houston TX, 77060	Project Manager:	Ethan Sessums	12/5/2023 3:09:37PM

Volatile Organics by EPA 8021B

Analyst: RKS

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

Blank (2348048-BLK1)

Prepared: 11/29/23 Analyzed: 11/30/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.52		8.00		94.0	70-130			

LCS (2348048-BS1)

Prepared: 11/29/23 Analyzed: 11/30/23

Benzene	5.41	0.0250	5.00		108	70-130			
Ethylbenzene	5.30	0.0250	5.00		106	70-130			
Toluene	5.37	0.0250	5.00		107	70-130			
o-Xylene	5.30	0.0250	5.00		106	70-130			
p,m-Xylene	10.8	0.0500	10.0		108	70-130			
Total Xylenes	16.1	0.0250	15.0		107	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.44		8.00		93.0	70-130			

Matrix Spike (2348048-MS1)

Source: E311216-04 Prepared: 11/29/23 Analyzed: 11/30/23

Benzene	5.26	0.0250	5.00	ND	105	54-133			
Ethylbenzene	5.15	0.0250	5.00	ND	103	61-133			
Toluene	5.23	0.0250	5.00	ND	105	61-130			
o-Xylene	5.17	0.0250	5.00	ND	103	63-131			
p,m-Xylene	10.5	0.0500	10.0	ND	105	63-131			
Total Xylenes	15.7	0.0250	15.0	ND	104	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.39		8.00		92.4	70-130			

Matrix Spike Dup (2348048-MSD1)

Source: E311216-04 Prepared: 11/29/23 Analyzed: 11/30/23

Benzene	5.30	0.0250	5.00	ND	106	54-133	0.751	20	
Ethylbenzene	5.20	0.0250	5.00	ND	104	61-133	0.873	20	
Toluene	5.27	0.0250	5.00	ND	105	61-130	0.659	20	
o-Xylene	5.19	0.0250	5.00	ND	104	63-131	0.541	20	
p,m-Xylene	10.5	0.0500	10.0	ND	105	63-131	0.546	20	
Total Xylenes	15.7	0.0250	15.0	ND	105	63-131	0.544	20	
Surrogate: 4-Bromochlorobenzene-PID	7.34		8.00		91.7	70-130			

QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Arabian 30 19 Fed Com #001H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported:  12/5/2023 3:09:37PM
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Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2348050-BLK1) Prepared: 11/29/23 Analyzed: 11/30/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.67		8.00		95.8	70-130			

LCS (2348050-BS1) Prepared: 11/29/23 Analyzed: 11/30/23

Benzene	4.98	0.0250	5.00		99.7	70-130			
Ethylbenzene	4.89	0.0250	5.00		97.8	70-130			
Toluene	4.95	0.0250	5.00		99.1	70-130			
o-Xylene	4.91	0.0250	5.00		98.2	70-130			
p,m-Xylene	9.97	0.0500	10.0		99.7	70-130			
Total Xylenes	14.9	0.0250	15.0		99.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.60		8.00		94.9	70-130			

Matrix Spike (2348050-MS1) Source: E311217-25 Prepared: 11/29/23 Analyzed: 11/30/23

Benzene	5.06	0.0250	5.00	ND	101	54-133			
Ethylbenzene	4.97	0.0250	5.00	ND	99.3	61-133			
Toluene	5.02	0.0250	5.00	ND	100	61-130			
o-Xylene	4.97	0.0250	5.00	ND	99.5	63-131			
p,m-Xylene	10.1	0.0500	10.0	ND	101	63-131			
Total Xylenes	15.1	0.0250	15.0	ND	101	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.62		8.00		95.2	70-130			

Matrix Spike Dup (2348050-MSD1) Source: E311217-25 Prepared: 11/29/23 Analyzed: 11/30/23

Benzene	4.84	0.0250	5.00	ND	96.9	54-133	4.28	20	
Ethylbenzene	4.75	0.0250	5.00	ND	94.9	61-133	4.53	20	
Toluene	4.80	0.0250	5.00	ND	96.1	61-130	4.39	20	
o-Xylene	4.77	0.0250	5.00	ND	95.3	63-131	4.30	20	
p,m-Xylene	9.65	0.0500	10.0	ND	96.5	63-131	4.73	20	
Total Xylenes	14.4	0.0250	15.0	ND	96.1	63-131	4.59	20	
Surrogate: 4-Bromochlorobenzene-PID	7.66		8.00		95.8	70-130			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Arabian 30 19 Fed Com #001H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported:  12/5/2023 3:09:37PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2348048-BLK1) Prepared: 11/29/23 Analyzed: 11/30/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.62		8.00		95.2	70-130			

LCS (2348048-BS2) Prepared: 11/29/23 Analyzed: 11/30/23

Gasoline Range Organics (C6-C10)	55.0	20.0	50.0		110	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.51		8.00		93.9	70-130			

Matrix Spike (2348048-MS2) Source: E311216-04 Prepared: 11/29/23 Analyzed: 11/30/23

Gasoline Range Organics (C6-C10)	55.9	20.0	50.0	ND	112	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.49		8.00		93.6	70-130			

Matrix Spike Dup (2348048-MSD2) Source: E311216-04 Prepared: 11/29/23 Analyzed: 11/30/23

Gasoline Range Organics (C6-C10)	54.5	20.0	50.0	ND	109	70-130	2.47	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.57		8.00		94.6	70-130			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Arabian 30 19 Fed Com #001H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported:  12/5/2023 3:09:37PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2348049-BLK1) Prepared: 11/29/23 Analyzed: 11/30/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.492		0.500		98.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.508		0.500		102	70-130			
Surrogate: Toluene-d8	0.560		0.500		112	70-130			

LCS (2348049-BS2) Prepared: 11/29/23 Analyzed: 11/30/23

Gasoline Range Organics (C6-C10)	55.4	20.0	50.0		111	70-130			
Surrogate: Bromofluorobenzene	0.503		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.496		0.500		99.2	70-130			
Surrogate: Toluene-d8	0.571		0.500		114	70-130			

Matrix Spike (2348049-MS2) Source: E311217-06 Prepared: 11/29/23 Analyzed: 11/30/23

Gasoline Range Organics (C6-C10)	57.6	20.0	50.0	ND	115	70-130			
Surrogate: Bromofluorobenzene	0.526		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.495		0.500		99.0	70-130			
Surrogate: Toluene-d8	0.576		0.500		115	70-130			

Matrix Spike Dup (2348049-MSD2) Source: E311217-06 Prepared: 11/29/23 Analyzed: 12/01/23

Gasoline Range Organics (C6-C10)	54.9	20.0	50.0	ND	110	70-130	4.72	20	
Surrogate: Bromofluorobenzene	0.512		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.495		0.500		99.0	70-130			
Surrogate: Toluene-d8	0.583		0.500		117	70-130			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Arabian 30 19 Fed Com #001H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported:  12/5/2023 3:09:37PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2348050-BLK1) Prepared: 11/29/23 Analyzed: 11/30/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.53		8.00		94.1	70-130			

LCS (2348050-BS2) Prepared: 11/29/23 Analyzed: 11/30/23

Gasoline Range Organics (C6-C10)	49.5	20.0	50.0		99.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.63		8.00		95.4	70-130			

Matrix Spike (2348050-MS2) Source: E311217-25 Prepared: 11/29/23 Analyzed: 12/01/23

Gasoline Range Organics (C6-C10)	48.5	20.0	50.0	ND	97.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.73		8.00		96.7	70-130			

Matrix Spike Dup (2348050-MSD2) Source: E311217-25 Prepared: 11/29/23 Analyzed: 12/01/23

Gasoline Range Organics (C6-C10)	47.4	20.0	50.0	ND	94.9	70-130	2.28	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.72		8.00		96.5	70-130			





QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Arabian 30 19 Fed Com #001H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported:  12/5/2023 3:09:37PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2348069-BLK1)					Prepared: 11/29/23 Analyzed: 12/01/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.9		50.0		99.8	50-200			

LCS (2348069-BS1)					Prepared: 11/29/23 Analyzed: 12/01/23				
Diesel Range Organics (C10-C28)	283	25.0	250		113	38-132			
Surrogate: n-Nonane	48.5		50.0		97.1	50-200			

Matrix Spike (2348069-MS1)					Source: E311217-07		Prepared: 11/29/23 Analyzed: 12/01/23		
Diesel Range Organics (C10-C28)	279	25.0	250	ND	112	38-132			
Surrogate: n-Nonane	50.2		50.0		100	50-200			

Matrix Spike Dup (2348069-MSD1)					Source: E311217-07		Prepared: 11/29/23 Analyzed: 12/01/23		
Diesel Range Organics (C10-C28)	267	25.0	250	ND	107	38-132	4.58	20	
Surrogate: n-Nonane	49.9		50.0		99.8	50-200			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Arabian 30 19 Fed Com #001H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported:  12/5/2023 3:09:37PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2348070-BLK1)					Prepared: 11/29/23 Analyzed: 11/30/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	44.7		50.0		89.3	50-200			

LCS (2348070-BS1)					Prepared: 11/29/23 Analyzed: 11/30/23				
Diesel Range Organics (C10-C28)	238	25.0	250		95.1	38-132			
Surrogate: n-Nonane	49.9		50.0		99.7	50-200			

Matrix Spike (2348070-MS1)					Source: E311217-25		Prepared: 11/29/23 Analyzed: 11/30/23		
Diesel Range Organics (C10-C28)	247	25.0	250	ND	98.7	38-132			
Surrogate: n-Nonane	46.7		50.0		93.3	50-200			

Matrix Spike Dup (2348070-MSD1)					Source: E311217-25		Prepared: 11/29/23 Analyzed: 12/01/23		
Diesel Range Organics (C10-C28)	230	25.0	250	ND	91.9	38-132	7.08	20	
Surrogate: n-Nonane	43.9		50.0		87.7	50-200			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Arabian 30 19 Fed Com #001H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported:  12/5/2023 3:09:37PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2348072-BLK1)					Prepared: 11/30/23 Analyzed: 11/30/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	42.2		50.0		84.5	50-200			

LCS (2348072-BS1)					Prepared: 11/30/23 Analyzed: 11/30/23				
Diesel Range Organics (C10-C28)	207	25.0	250		82.7	38-132			
Surrogate: n-Nonane	40.8		50.0		81.5	50-200			

Matrix Spike (2348072-MS1)					Source: E311220-22		Prepared: 11/30/23 Analyzed: 11/30/23		
Diesel Range Organics (C10-C28)	218	25.0	250	ND	87.3	38-132			
Surrogate: n-Nonane	41.1		50.0		82.3	50-200			

Matrix Spike Dup (2348072-MSD1)					Source: E311220-22		Prepared: 11/30/23 Analyzed: 11/30/23		
Diesel Range Organics (C10-C28)	228	25.0	250	ND	91.2	38-132	4.38	20	
Surrogate: n-Nonane	42.8		50.0		85.6	50-200			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Arabian 30 19 Fed Com #001H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported:  12/5/2023 3:09:37PM
---	---	--------------------------------------

Anions by EPA 300.0/9056A

Analyst: BA

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

Blank (2348076-BLK1)				Prepared: 11/30/23 Analyzed: 11/30/23					
Chloride	ND	20.0							
LCS (2348076-BS1)				Prepared: 11/30/23 Analyzed: 11/30/23					
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2348076-MS1)				Source: E311217-03		Prepared: 11/30/23 Analyzed: 11/30/23			
Chloride	265	20.0	250	ND	106	80-120			
Matrix Spike Dup (2348076-MSD1)				Source: E311217-03		Prepared: 11/30/23 Analyzed: 11/30/23			
Chloride	261	20.0	250	ND	105	80-120	1.47	20	



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Arabian 30 19 Fed Com #001H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported:  12/5/2023 3:09:37PM
---	---	--------------------------------------

Anions by EPA 300.0/9056A

Analyst: BA

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

Blank (2348077-BLK1)				Prepared: 11/30/23 Analyzed: 11/30/23					
Chloride	ND	20.0							
LCS (2348077-BS1)				Prepared: 11/30/23 Analyzed: 11/30/23					
Chloride	241	20.0	250		96.6	90-110			
Matrix Spike (2348077-MS1)				Source: E311217-24		Prepared: 11/30/23 Analyzed: 11/30/23			
Chloride	1440	20.0	250	1200	97.4	80-120			
Matrix Spike Dup (2348077-MSD1)				Source: E311217-24		Prepared: 11/30/23 Analyzed: 11/30/23			
Chloride	1380	20.0	250	1200	71.0	80-120	4.69	20	M4



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Arabian 30 19 Fed Com #001H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported:  12/5/2023 3:09:37PM
---	---	--------------------------------------

Anions by EPA 300.0/9056A

Analyst: BA

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

Blank (2348079-BLK1)					Prepared: 11/30/23 Analyzed: 11/30/23				
Chloride	ND	20.0							
LCS (2348079-BS1)					Prepared: 11/30/23 Analyzed: 11/30/23				
Chloride	250	20.0	250		100	90-110			
Matrix Spike (2348079-MS1)					Source: E311220-22		Prepared: 11/30/23 Analyzed: 11/30/23		
Chloride	253	20.0	250	ND	101	80-120			
Matrix Spike Dup (2348079-MSD1)					Source: E311220-22		Prepared: 11/30/23 Analyzed: 11/30/23		
Chloride	257	20.0	250	ND	103	80-120	1.39	20	

QC Summary Report Comment:  
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.  
Therefore, hand calculated values may differ slightly.





Definitions and Notes

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Arabian 30 19 Fed Com #001H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/05/23 15:09
---	---	-----------------------------

- M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

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

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



Work Order No: E311217  
Job# 01058-0007

Page 1 of 5

Project Manager:	Ethan Sessums	Bill to: (if different)	Dale Woodal
Company Name:	NTG Environmental	Company Name:	DEVON
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntgglobal.com

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

[illegible]

Additional Comments:
----------------------

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

	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	[Signature]	[Signature]	11/78 1215	[Signature]	[Signature]	11.70.23 1730
3	[Signature]	[Signature]	11/29/23 830			
5						





Work Order No: E 311217  
Job# 01058-000

Page 2 of 5





Project Manager:	Ethan Sessums	Bill to: (if different)	Dale Woodal
Company Name:	NTG Environmental	Company Name:	DEVON
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntgglobal.com

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

[illegible]

Additional Comments:
----------------------

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Relinquished by: (Signature)		Received by: (Signature)		Date/Time	
1					
2				11/28/23 1215	
3				11/29/23 830	
4					
5					





Work Order No: E311217  
Job # 01058-000

Page 3 of 5






Project Manager:	Ethan Sessums	Bill to: (if different)	Dale Woodal
Company Name:	NTG Environmental	Company Name:	DEVON
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	<a href="mailto:esessums@ntgglobal.com">esessums@ntgglobal.com</a>

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

[illegible]

Additional Comments:
----------------------

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	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1			11/28/23 125			11-28-23 173
3	Andrew Russo		11/29/23 830			
5						



## Chain of Custody



Work Order No: E311217  
 Job# 01058-000

Page 4 of 5

Project Manager:	Ethan Sessums	Bill to: (if different)	Dale Woodal
Company Name:	NTG Environmental	Company Name:	DEVON
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

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

Project Name:		Arabian 30 19 Fed Com #001H		Turn Around				ANALYSIS REQUEST												Preservative Codes			
Project Number:		237677		<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush		Pres. Code														None: NO DI Water: H <sub>2</sub> O			
Project Location		Lee County, NM		Due Date:																Cool: Cool MeOH: Me			
Sampler's Name:		Clayton Tumas		TAT starts the day received by the lab, if received by 4:30pm																HCL: HC HNO <sub>3</sub> : HN			
PO #:																				H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na			
SAMPLE RECEIPT		Temp Blank:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Wet Ice:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>														H <sub>3</sub> PO <sub>4</sub> : HP	
Received Intact:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID:																NaHSO <sub>4</sub> : NABIS			
Cooler Custody Seals:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Correction Factor:																Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>			
Sample Custody Seals:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Temperature Reading:		4°C														Zn Acetate+NaOH: Zn			
Total Containers:		44		Corrected Temperature:																NaOH+Ascorbic Acid: SAPC			
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments			
V-4	1-1.5	11/21/2023	11:30	X		Grab	1	X	X	X								31					
V-4	2-2.5	11/21/2023	11:33	X		Grab	1	X	X	X								32					
V-4	3-3.5	11/21/2023	11:36	X		Grab	1	X	X	X								33					
V-4	4-4.5	11/21/2023	11:39	X		Grab	1	X	X	X								34					
V-5	0-6	11/21/2023	11:42	X		Grab	1	X	X	X								35					
V-5	1-1.5	11/21/2023	11:45	X		Grab	1	X	X	X								36					
V-5	2-2.5	11/21/2023	11:48	X		Grab	1	X	X	X								37					
V-5	3-3.5	11/21/2023	11:51	X		Grab	1	X	X	X								38					
V-5	4-4.5	11/21/2023	11:54	X		Grab	1	X	X	X								39					
V-6	0-6	11/21/2023	11:57	X		Grab	1	X	X	X								40					

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>Michelle Gayle</i>	11/28/23 12:15	<i>Michelle Gayle</i>	<i>John Mayo</i>	11-28-23 1730
<i>John Mayo</i>	<i>Alvin</i>	11-29-23 830			



Work Order No: E311217  
job# 01058-0007

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Project Manager:	Ethan Sessums	Bill to: (if different)	Dale Woodal
Company Name:	NTG Environmental	Company Name:	DEVON
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	<a href="mailto:esessums@ntgglobal.com">esessums@ntgglobal.com</a>

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

[illegible]

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 4 5 Andrew Russo	Michelle Gough Alexa Russo	11/28 12:5 11-29-23 830	Michelle Gough	Andrew Russo	11-28-23 173



## Envirotech Analytical Laboratory

Printed: 11/29/2023 1:46:21PM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	NTG-New Tech Global Environmental	Date Received:	11/29/23 08:30	Work Order ID:	E311217
Phone:	(281) 872-9300	Date Logged In:	11/28/23 15:47	Logged In By:	Alexa Michaels
Email:	esssums@ntglobal.com	Due Date:	12/01/23 17:00 (2 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? No
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
  - Sample ID? Yes
  - Date/Time Collected? Yes
  - Collectors name? Yes

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

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

Date



envirotech Inc.

Report to:  
Ethan Sessums



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

NTG-New Tech Global Environmental

Project Name: Transfer Line Tarapin to Arabian

Work Order: E312097

Job Number: 01058-0007

Received: 12/14/2023

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
12/20/23

5796 U.S. Hwy 64  
Farmington, NM 87401

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



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.  
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.  
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.  
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.  
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.

Date Reported: 12/20/23

Ethan Sessums  
911 Regional Park Dr.  
Houston, TX 77060



Project Name: Transfer Line Tarapin to Arabian  
Workorder: E312097  
Date Received: 12/14/2023 8:30:00AM

Ethan Sessums,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/14/2023 8:30:00AM, under the Project Name: Transfer Line Tarapin to Arabian.

The analytical test results summarized in this report with the Project Name: Transfer Line Tarapin to Arabian apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto:labadmin@envirotech-inc.com)

Field Offices:

**Southern New Mexico Area**

**Lynn Jarboe**  
Laboratory Technical Representative  
Office: 505-421-LABS(5227)  
Cell: 505-320-4759  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

**Michelle Golzaes**  
Client Representative  
Office: 505-421-LABS(5227)  
Cell: 505-947-8222  
[mgonzales@envirotech-inc.com](mailto:mgonzales@envirotech-inc.com)

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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## Sample Summary

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Transfer Line Tarapin to Arabian Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/20/23 17:00
---	--	-----------------------------

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
V-7 0-6"	E312097-01A	Soil	12/13/23	12/14/23	Glass Jar, 2 oz.
V-7 1-1.5'	E312097-02A	Soil	12/13/23	12/14/23	Glass Jar, 2 oz.
V-7 2-2.5'	E312097-03A	Soil	12/13/23	12/14/23	Glass Jar, 2 oz.
V-8 0-6"	E312097-04A	Soil	12/13/23	12/14/23	Glass Jar, 2 oz.
V-8 1-1.5'	E312097-05A	Soil	12/13/23	12/14/23	Glass Jar, 2 oz.
V-8 2-2.5'	E312097-06A	Soil	12/13/23	12/14/23	Glass Jar, 2 oz.
V-8 3-3.5'	E312097-07A	Soil	12/13/23	12/14/23	Glass Jar, 2 oz.
V-9 0-6"	E312097-08A	Soil	12/13/23	12/14/23	Glass Jar, 2 oz.
V-9 1-1.5'	E312097-09A	Soil	12/13/23	12/14/23	Glass Jar, 2 oz.
V-9 2-2.5'	E312097-10A	Soil	12/13/23	12/14/23	Glass Jar, 2 oz.
V-9 3-3.5'	E312097-11A	Soil	12/13/23	12/14/23	Glass Jar, 2 oz.
V-9 4-4.5'	E312097-12A	Soil	12/13/23	12/14/23	Glass Jar, 2 oz.
V-10 0-6"	E312097-13A	Soil	12/13/23	12/14/23	Glass Jar, 2 oz.
V-10 1-1.5'	E312097-14A	Soil	12/13/23	12/14/23	Glass Jar, 2 oz.
V-10 2-2.5'	E312097-15A	Soil	12/13/23	12/14/23	Glass Jar, 2 oz.
V-10 3-3.5'	E312097-16A	Soil	12/13/23	12/14/23	Glass Jar, 2 oz.
V-11 0-6"	E312097-17A	Soil	12/13/23	12/14/23	Glass Jar, 2 oz.
V-11 1-1.5'	E312097-18A	Soil	12/13/23	12/14/23	Glass Jar, 2 oz.
V-11 2-2.5'	E312097-19A	Soil	12/13/23	12/14/23	Glass Jar, 2 oz.
V-12 0-6"	E312097-20A	Soil	12/13/23	12/14/23	Glass Jar, 2 oz.
V-12 1-1.5'	E312097-21A	Soil	12/13/23	12/14/23	Glass Jar, 2 oz.
V-12 2-2.5'	E312097-22A	Soil	12/13/23	12/14/23	Glass Jar, 2 oz.
V-12 3-3.5'	E312097-23A	Soil	12/13/23	12/14/23	Glass Jar, 2 oz.
V-12 4-4.5'	E312097-24A	Soil	12/13/23	12/14/23	Glass Jar, 2 oz.
V-13 0-6"	E312097-25A	Soil	12/13/23	12/14/23	Glass Jar, 2 oz.
V-13 1-1.5'	E312097-26A	Soil	12/13/23	12/14/23	Glass Jar, 2 oz.
V-13 2-2.5'	E312097-27A	Soil	12/13/23	12/14/23	Glass Jar, 2 oz.
V-13 3-3.5'	E312097-28A	Soil	12/13/23	12/14/23	Glass Jar, 2 oz.
V-13 4-4.5'	E312097-29A	Soil	12/13/23	12/14/23	Glass Jar, 2 oz.
V-14 0-6"	E312097-30A	Soil	12/13/23	12/14/23	Glass Jar, 2 oz.
V--14 1-1.5'	E312097-31A	Soil	12/13/23	12/14/23	Glass Jar, 2 oz.
V-14 2-2.5'	E312097-32A	Soil	12/13/23	12/14/23	Glass Jar, 2 oz.
V-14 3-3.5'	E312097-33A	Soil	12/13/23	12/14/23	Glass Jar, 2 oz.
V-14 4-4.5'	E312097-34A	Soil	12/13/23	12/14/23	Glass Jar, 2 oz.
V-15 0-6"	E312097-35A	Soil	12/13/23	12/14/23	Glass Jar, 2 oz.
V-15 1-1.5'	E312097-36A	Soil	12/13/23	12/14/23	Glass Jar, 2 oz.
V-16 0-6"	E312097-37A	Soil	12/13/23	12/14/23	Glass Jar, 2 oz.
V-16 1-1.5'	E312097-38A	Soil	12/13/23	12/14/23	Glass Jar, 2 oz.
V-16 2-2.5'	E312097-39A	Soil	12/13/23	12/14/23	Glass Jar, 2 oz.
V-16 3-3.5'	E312097-40A	Soil	12/13/23	12/14/23	Glass Jar, 2 oz.



Sample Summary

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Transfer Line Tarapin to Arabian Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/20/23 17:00
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
V-16 4-4.5'	E312097-41A	Soil	12/13/23	12/14/23	Glass Jar, 2 oz.
V-17 0-6"	E312097-42A	Soil	12/13/23	12/14/23	Glass Jar, 2 oz.
V-17 1-1.5'	E312097-43A	Soil	12/13/23	12/14/23	Glass Jar, 2 oz.
V-17 2-2.5'	E312097-44A	Soil	12/13/23	12/14/23	Glass Jar, 2 oz.
V-17 3-3.5'	E312097-45A	Soil	12/13/23	12/14/23	Glass Jar, 2 oz.
V-17 4-4.5'	E312097-46A	Soil	12/13/23	12/14/23	Glass Jar, 2 oz.
V-18 0-6"	E312097-47A	Soil	12/13/23	12/14/23	Glass Jar, 2 oz.
V-18 1-1.5'	E312097-48A	Soil	12/13/23	12/14/23	Glass Jar, 2 oz.
V-18 2-2.5'	E312097-49A	Soil	12/13/23	12/14/23	Glass Jar, 2 oz.
V-18 3-3.5'	E312097-50A	Soil	12/13/23	12/14/23	Glass Jar, 2 oz.
V-18 4-4.5'	E312097-51A	Soil	12/13/23	12/14/23	Glass Jar, 2 oz.
V-19 0-6"	E312097-52A	Soil	12/13/23	12/14/23	Glass Jar, 2 oz.
V-19 1-1.5'	E312097-53A	Soil	12/13/23	12/14/23	Glass Jar, 2 oz.
V-19 2-2.5'	E312097-54A	Soil	12/13/23	12/14/23	Glass Jar, 2 oz.
V-19 3-3.5'	E312097-55A	Soil	12/13/23	12/14/23	Glass Jar, 2 oz.
V-19 4-4.5'	E312097-56A	Soil	12/13/23	12/14/23	Glass Jar, 2 oz.
V-20 0-6"	E312097-57A	Soil	12/13/23	12/14/23	Glass Jar, 2 oz.
V-20 1-1.5'	E312097-58A	Soil	12/13/23	12/14/23	Glass Jar, 2 oz.
V-20 2-2.5'	E312097-59A	Soil	12/13/23	12/14/23	Glass Jar, 2 oz.

Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Transfer Line Tarapin to Arabian Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/20/2023 5:00:45PM
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V-7 0-6"

E312097-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2350091	
Benzene	ND	0.0250	1	12/15/23	12/19/23	
Ethylbenzene	ND	0.0250	1	12/15/23	12/19/23	
Toluene	ND	0.0250	1	12/15/23	12/19/23	
o-Xylene	ND	0.0250	1	12/15/23	12/19/23	
p,m-Xylene	ND	0.0500	1	12/15/23	12/19/23	
Total Xylenes	ND	0.0250	1	12/15/23	12/19/23	
Surrogate: Bromofluorobenzene		119 %	70-130	12/15/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4		94.4 %	70-130	12/15/23	12/19/23	
Surrogate: Toluene-d8		108 %	70-130	12/15/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2350091	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/15/23	12/19/23	
Surrogate: Bromofluorobenzene		119 %	70-130	12/15/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4		94.4 %	70-130	12/15/23	12/19/23	
Surrogate: Toluene-d8		108 %	70-130	12/15/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2351005	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/19/23	
Surrogate: n-Nonane		87.3 %	50-200	12/18/23	12/19/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2351025	
Chloride	ND	20.0	1	12/18/23	12/19/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Transfer Line Tarapin to Arabian Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/20/2023 5:00:45PM
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V-7 1-1.5'

E312097-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350091
Benzene	ND	0.0250	1	12/15/23	12/19/23	
Ethylbenzene	ND	0.0250	1	12/15/23	12/19/23	
Toluene	ND	0.0250	1	12/15/23	12/19/23	
o-Xylene	ND	0.0250	1	12/15/23	12/19/23	
p,m-Xylene	ND	0.0500	1	12/15/23	12/19/23	
Total Xylenes	ND	0.0250	1	12/15/23	12/19/23	
Surrogate: Bromofluorobenzene		118 %	70-130	12/15/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4		95.5 %	70-130	12/15/23	12/19/23	
Surrogate: Toluene-d8		108 %	70-130	12/15/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350091
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/15/23	12/19/23	
Surrogate: Bromofluorobenzene		118 %	70-130	12/15/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4		95.5 %	70-130	12/15/23	12/19/23	
Surrogate: Toluene-d8		108 %	70-130	12/15/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351005
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/19/23	
Surrogate: n-Nonane		82.6 %	50-200	12/18/23	12/19/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2351025
Chloride	79.5	20.0	1	12/18/23	12/19/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Transfer Line Tarapin to Arabian Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/20/2023 5:00:45PM
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V-7 2-2.5'

E312097-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350091
Benzene	ND	0.0250	1	12/15/23	12/19/23	
Ethylbenzene	ND	0.0250	1	12/15/23	12/19/23	
Toluene	ND	0.0250	1	12/15/23	12/19/23	
o-Xylene	ND	0.0250	1	12/15/23	12/19/23	
p,m-Xylene	ND	0.0500	1	12/15/23	12/19/23	
Total Xylenes	ND	0.0250	1	12/15/23	12/19/23	
Surrogate: Bromofluorobenzene		119 %	70-130	12/15/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4		91.2 %	70-130	12/15/23	12/19/23	
Surrogate: Toluene-d8		109 %	70-130	12/15/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350091
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/15/23	12/19/23	
Surrogate: Bromofluorobenzene		119 %	70-130	12/15/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4		91.2 %	70-130	12/15/23	12/19/23	
Surrogate: Toluene-d8		109 %	70-130	12/15/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351005
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/19/23	
Surrogate: n-Nonane		84.5 %	50-200	12/18/23	12/19/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2351025
Chloride	46.1	20.0	1	12/18/23	12/19/23	





Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Transfer Line Tarapin to Arabian Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/20/2023 5:00:45PM
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V-8 0-6"

E312097-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350091
Benzene	ND	0.0250	1	12/15/23	12/19/23	
Ethylbenzene	ND	0.0250	1	12/15/23	12/19/23	
Toluene	ND	0.0250	1	12/15/23	12/19/23	
o-Xylene	ND	0.0250	1	12/15/23	12/19/23	
p,m-Xylene	ND	0.0500	1	12/15/23	12/19/23	
Total Xylenes	ND	0.0250	1	12/15/23	12/19/23	
Surrogate: Bromofluorobenzene		117 %	70-130	12/15/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4		96.2 %	70-130	12/15/23	12/19/23	
Surrogate: Toluene-d8		106 %	70-130	12/15/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350091
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/15/23	12/19/23	
Surrogate: Bromofluorobenzene		117 %	70-130	12/15/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4		96.2 %	70-130	12/15/23	12/19/23	
Surrogate: Toluene-d8		106 %	70-130	12/15/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351005
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/19/23	
Surrogate: n-Nonane		87.9 %	50-200	12/18/23	12/19/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2351025
Chloride	ND	20.0	1	12/18/23	12/19/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Transfer Line Tarapin to Arabian Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/20/2023 5:00:45PM
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V-8 1-1.5'

E312097-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350091
Benzene	ND	0.0250	1	12/15/23	12/19/23	
Ethylbenzene	ND	0.0250	1	12/15/23	12/19/23	
Toluene	ND	0.0250	1	12/15/23	12/19/23	
o-Xylene	ND	0.0250	1	12/15/23	12/19/23	
p,m-Xylene	ND	0.0500	1	12/15/23	12/19/23	
Total Xylenes	ND	0.0250	1	12/15/23	12/19/23	
Surrogate: Bromofluorobenzene		117 %	70-130	12/15/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4		94.4 %	70-130	12/15/23	12/19/23	
Surrogate: Toluene-d8		108 %	70-130	12/15/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350091
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/15/23	12/19/23	
Surrogate: Bromofluorobenzene		117 %	70-130	12/15/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4		94.4 %	70-130	12/15/23	12/19/23	
Surrogate: Toluene-d8		108 %	70-130	12/15/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351005
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/19/23	
Surrogate: n-Nonane		89.8 %	50-200	12/18/23	12/19/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2351025
Chloride	ND	20.0	1	12/18/23	12/19/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Transfer Line Tarapin to Arabian Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/20/2023 5:00:45PM
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V-8 2-2.5'

E312097-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350091
Benzene	ND	0.0250	1	12/15/23	12/19/23	
Ethylbenzene	ND	0.0250	1	12/15/23	12/19/23	
Toluene	ND	0.0250	1	12/15/23	12/19/23	
o-Xylene	ND	0.0250	1	12/15/23	12/19/23	
p,m-Xylene	ND	0.0500	1	12/15/23	12/19/23	
Total Xylenes	ND	0.0250	1	12/15/23	12/19/23	
Surrogate: Bromofluorobenzene		119 %	70-130	12/15/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130	12/15/23	12/19/23	
Surrogate: Toluene-d8		106 %	70-130	12/15/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350091
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/15/23	12/19/23	
Surrogate: Bromofluorobenzene		119 %	70-130	12/15/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130	12/15/23	12/19/23	
Surrogate: Toluene-d8		106 %	70-130	12/15/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351005
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/19/23	
Surrogate: n-Nonane		90.0 %	50-200	12/18/23	12/19/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2351025
Chloride	43.7	20.0	1	12/18/23	12/19/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Transfer Line Tarapin to Arabian Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/20/2023 5:00:45PM
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V-8 3-3.5'

E312097-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350091
Benzene	ND	0.0250	1	12/15/23	12/19/23	
Ethylbenzene	ND	0.0250	1	12/15/23	12/19/23	
Toluene	ND	0.0250	1	12/15/23	12/19/23	
o-Xylene	ND	0.0250	1	12/15/23	12/19/23	
p,m-Xylene	ND	0.0500	1	12/15/23	12/19/23	
Total Xylenes	ND	0.0250	1	12/15/23	12/19/23	
Surrogate: Bromofluorobenzene		122 %	70-130	12/15/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4		91.4 %	70-130	12/15/23	12/19/23	
Surrogate: Toluene-d8		105 %	70-130	12/15/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350091
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/15/23	12/19/23	
Surrogate: Bromofluorobenzene		122 %	70-130	12/15/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4		91.4 %	70-130	12/15/23	12/19/23	
Surrogate: Toluene-d8		105 %	70-130	12/15/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351005
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/19/23	
Surrogate: n-Nonane		89.1 %	50-200	12/18/23	12/19/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2351025
Chloride	319	20.0	1	12/18/23	12/19/23	



## Sample Data

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

Project Name: Transfer Line Tarapin to Arabian  
Project Number: 01058-0007  
Project Manager: Ethan Sessums

**Reported:**  
12/20/2023 5:00:45PM

V-9 0-6"

E312097-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350091
Benzene	ND	0.0250	1	12/15/23	12/19/23	
Ethylbenzene	ND	0.0250	1	12/15/23	12/19/23	
Toluene	ND	0.0250	1	12/15/23	12/19/23	
o-Xylene	ND	0.0250	1	12/15/23	12/19/23	
p,m-Xylene	ND	0.0500	1	12/15/23	12/19/23	
Total Xylenes	ND	0.0250	1	12/15/23	12/19/23	
Surrogate: Bromofluorobenzene		120 %	70-130	12/15/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4		94.0 %	70-130	12/15/23	12/19/23	
Surrogate: Toluene-d8		107 %	70-130	12/15/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350091
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/15/23	12/19/23	
Surrogate: Bromofluorobenzene		120 %	70-130	12/15/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4		94.0 %	70-130	12/15/23	12/19/23	
Surrogate: Toluene-d8		107 %	70-130	12/15/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351005
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/19/23	
Surrogate: n-Nonane		88.1 %	50-200	12/18/23	12/19/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2351025
Chloride	ND	20.0	1	12/18/23	12/19/23	





Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Transfer Line Tarapin to Arabian Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/20/2023 5:00:45PM
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V-9 1-1.5'

E312097-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350091
Benzene	ND	0.0250	1	12/15/23	12/19/23	
Ethylbenzene	ND	0.0250	1	12/15/23	12/19/23	
Toluene	ND	0.0250	1	12/15/23	12/19/23	
o-Xylene	ND	0.0250	1	12/15/23	12/19/23	
p,m-Xylene	ND	0.0500	1	12/15/23	12/19/23	
Total Xylenes	ND	0.0250	1	12/15/23	12/19/23	
Surrogate: Bromofluorobenzene		121 %	70-130	12/15/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130	12/15/23	12/19/23	
Surrogate: Toluene-d8		107 %	70-130	12/15/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350091
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/15/23	12/19/23	
Surrogate: Bromofluorobenzene		121 %	70-130	12/15/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130	12/15/23	12/19/23	
Surrogate: Toluene-d8		107 %	70-130	12/15/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351005
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/19/23	
Surrogate: n-Nonane		88.9 %	50-200	12/18/23	12/19/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2351025
Chloride	ND	20.0	1	12/18/23	12/19/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Transfer Line Tarapin to Arabian Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/20/2023 5:00:45PM
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V-9 2-2.5'

E312097-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350091
Benzene	ND	0.0250	1	12/15/23	12/20/23	
Ethylbenzene	ND	0.0250	1	12/15/23	12/20/23	
Toluene	ND	0.0250	1	12/15/23	12/20/23	
o-Xylene	ND	0.0250	1	12/15/23	12/20/23	
p,m-Xylene	ND	0.0500	1	12/15/23	12/20/23	
Total Xylenes	ND	0.0250	1	12/15/23	12/20/23	
Surrogate: Bromofluorobenzene		119 %	70-130	12/15/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130	12/15/23	12/20/23	
Surrogate: Toluene-d8		109 %	70-130	12/15/23	12/20/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350091
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/15/23	12/20/23	
Surrogate: Bromofluorobenzene		119 %	70-130	12/15/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130	12/15/23	12/20/23	
Surrogate: Toluene-d8		109 %	70-130	12/15/23	12/20/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351005
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/19/23	
Surrogate: n-Nonane		87.3 %	50-200	12/18/23	12/19/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2351025
Chloride	ND	20.0	1	12/18/23	12/19/23	



## Sample Data

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

Project Name: Transfer Line Tarapin to Arabian  
Project Number: 01058-0007  
Project Manager: Ethan Sessums

**Reported:**  
12/20/2023 5:00:45PM

V-9 3-3.5'

E312097-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350091
Benzene	ND	0.0250	1	12/15/23	12/20/23	
Ethylbenzene	ND	0.0250	1	12/15/23	12/20/23	
Toluene	ND	0.0250	1	12/15/23	12/20/23	
o-Xylene	ND	0.0250	1	12/15/23	12/20/23	
p,m-Xylene	ND	0.0500	1	12/15/23	12/20/23	
Total Xylenes	ND	0.0250	1	12/15/23	12/20/23	
Surrogate: Bromofluorobenzene		115 %	70-130	12/15/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		95.1 %	70-130	12/15/23	12/20/23	
Surrogate: Toluene-d8		107 %	70-130	12/15/23	12/20/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350091
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/15/23	12/20/23	
Surrogate: Bromofluorobenzene		115 %	70-130	12/15/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		95.1 %	70-130	12/15/23	12/20/23	
Surrogate: Toluene-d8		107 %	70-130	12/15/23	12/20/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351005
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/19/23	
Surrogate: n-Nonane		89.3 %	50-200	12/18/23	12/19/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2351025
Chloride	324	20.0	1	12/18/23	12/19/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Transfer Line Tarapin to Arabian Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/20/2023 5:00:45PM
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V-9 4-4.5'

E312097-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350091
Benzene	ND	0.0250	1	12/15/23	12/20/23	
Ethylbenzene	ND	0.0250	1	12/15/23	12/20/23	
Toluene	ND	0.0250	1	12/15/23	12/20/23	
o-Xylene	ND	0.0250	1	12/15/23	12/20/23	
p,m-Xylene	ND	0.0500	1	12/15/23	12/20/23	
Total Xylenes	ND	0.0250	1	12/15/23	12/20/23	
Surrogate: Bromofluorobenzene		121 %	70-130	12/15/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	70-130	12/15/23	12/20/23	
Surrogate: Toluene-d8		107 %	70-130	12/15/23	12/20/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350091
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/15/23	12/20/23	
Surrogate: Bromofluorobenzene		121 %	70-130	12/15/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	70-130	12/15/23	12/20/23	
Surrogate: Toluene-d8		107 %	70-130	12/15/23	12/20/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351005
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/20/23	
Surrogate: n-Nonane		86.7 %	50-200	12/18/23	12/20/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2351025
Chloride	649	20.0	1	12/18/23	12/19/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Transfer Line Tarapin to Arabian Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/20/2023 5:00:45PM
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V-10 0-6"

E312097-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350091
Benzene	ND	0.0250	1	12/15/23	12/20/23	
Ethylbenzene	ND	0.0250	1	12/15/23	12/20/23	
Toluene	ND	0.0250	1	12/15/23	12/20/23	
o-Xylene	ND	0.0250	1	12/15/23	12/20/23	
p,m-Xylene	ND	0.0500	1	12/15/23	12/20/23	
Total Xylenes	ND	0.0250	1	12/15/23	12/20/23	
Surrogate: Bromofluorobenzene		122 %	70-130	12/15/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130	12/15/23	12/20/23	
Surrogate: Toluene-d8		108 %	70-130	12/15/23	12/20/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350091
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/15/23	12/20/23	
Surrogate: Bromofluorobenzene		122 %	70-130	12/15/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130	12/15/23	12/20/23	
Surrogate: Toluene-d8		108 %	70-130	12/15/23	12/20/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351005
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/20/23	
Surrogate: n-Nonane		89.9 %	50-200	12/18/23	12/20/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2351025
Chloride	ND	20.0	1	12/18/23	12/20/23	



## Sample Data

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

Project Name: Transfer Line Tarapin to Arabian  
Project Number: 01058-0007  
Project Manager: Ethan Sessums

**Reported:**  
12/20/2023 5:00:45PM

V-10 1-1.5'

E312097-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350091
Benzene	ND	0.0250	1	12/15/23	12/20/23	
Ethylbenzene	ND	0.0250	1	12/15/23	12/20/23	
Toluene	ND	0.0250	1	12/15/23	12/20/23	
o-Xylene	ND	0.0250	1	12/15/23	12/20/23	
p,m-Xylene	ND	0.0500	1	12/15/23	12/20/23	
Total Xylenes	ND	0.0250	1	12/15/23	12/20/23	
Surrogate: Bromofluorobenzene		117 %	70-130	12/15/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		98.0 %	70-130	12/15/23	12/20/23	
Surrogate: Toluene-d8		108 %	70-130	12/15/23	12/20/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350091
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/15/23	12/20/23	
Surrogate: Bromofluorobenzene		117 %	70-130	12/15/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		98.0 %	70-130	12/15/23	12/20/23	
Surrogate: Toluene-d8		108 %	70-130	12/15/23	12/20/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351005
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/20/23	
Surrogate: n-Nonane		85.5 %	50-200	12/18/23	12/20/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2351025
Chloride	26.3	20.0	1	12/18/23	12/20/23	





Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Transfer Line Tarapin to Arabian Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/20/2023 5:00:45PM
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V-10 2-2.5'  
E312097-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350091
Benzene	ND	0.0250	1	12/15/23	12/20/23	
Ethylbenzene	ND	0.0250	1	12/15/23	12/20/23	
Toluene	ND	0.0250	1	12/15/23	12/20/23	
o-Xylene	ND	0.0250	1	12/15/23	12/20/23	
p,m-Xylene	ND	0.0500	1	12/15/23	12/20/23	
Total Xylenes	ND	0.0250	1	12/15/23	12/20/23	
Surrogate: Bromofluorobenzene		117 %	70-130	12/15/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		99.3 %	70-130	12/15/23	12/20/23	
Surrogate: Toluene-d8		109 %	70-130	12/15/23	12/20/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350091
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/15/23	12/20/23	
Surrogate: Bromofluorobenzene		117 %	70-130	12/15/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		99.3 %	70-130	12/15/23	12/20/23	
Surrogate: Toluene-d8		109 %	70-130	12/15/23	12/20/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351005
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/20/23	
Surrogate: n-Nonane		85.4 %	50-200	12/18/23	12/20/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2351025
Chloride	395	20.0	1	12/18/23	12/20/23	



## Sample Data

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

Project Name: Transfer Line Tarapin to Arabian  
Project Number: 01058-0007  
Project Manager: Ethan Sessums

**Reported:**  
12/20/2023 5:00:45PM

V-10 3-3.5'

E312097-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350091
Benzene	ND	0.0250	1	12/15/23	12/20/23	
Ethylbenzene	ND	0.0250	1	12/15/23	12/20/23	
Toluene	ND	0.0250	1	12/15/23	12/20/23	
o-Xylene	ND	0.0250	1	12/15/23	12/20/23	
p,m-Xylene	ND	0.0500	1	12/15/23	12/20/23	
Total Xylenes	ND	0.0250	1	12/15/23	12/20/23	
Surrogate: Bromofluorobenzene		119 %	70-130	12/15/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		93.9 %	70-130	12/15/23	12/20/23	
Surrogate: Toluene-d8		107 %	70-130	12/15/23	12/20/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350091
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/15/23	12/20/23	
Surrogate: Bromofluorobenzene		119 %	70-130	12/15/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		93.9 %	70-130	12/15/23	12/20/23	
Surrogate: Toluene-d8		107 %	70-130	12/15/23	12/20/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351005
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/20/23	
Surrogate: n-Nonane		87.1 %	50-200	12/18/23	12/20/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2351025
Chloride	536	20.0	1	12/18/23	12/20/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Transfer Line Tarapin to Arabian Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/20/2023 5:00:45PM
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V-11 0-6"

E312097-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350091
Benzene	ND	0.0250	1	12/15/23	12/20/23	
Ethylbenzene	ND	0.0250	1	12/15/23	12/20/23	
Toluene	ND	0.0250	1	12/15/23	12/20/23	
o-Xylene	ND	0.0250	1	12/15/23	12/20/23	
p,m-Xylene	ND	0.0500	1	12/15/23	12/20/23	
Total Xylenes	ND	0.0250	1	12/15/23	12/20/23	
Surrogate: Bromofluorobenzene		116 %	70-130	12/15/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		96.2 %	70-130	12/15/23	12/20/23	
Surrogate: Toluene-d8		107 %	70-130	12/15/23	12/20/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350091
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/15/23	12/20/23	
Surrogate: Bromofluorobenzene		116 %	70-130	12/15/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		96.2 %	70-130	12/15/23	12/20/23	
Surrogate: Toluene-d8		107 %	70-130	12/15/23	12/20/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351005
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/20/23	
Surrogate: n-Nonane		89.1 %	50-200	12/18/23	12/20/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2351025
Chloride	ND	20.0	1	12/18/23	12/20/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Transfer Line Tarapin to Arabian Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/20/2023 5:00:45PM
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V-11 1-1.5'  
E312097-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350091
Benzene	ND	0.0250	1	12/15/23	12/20/23	
Ethylbenzene	ND	0.0250	1	12/15/23	12/20/23	
Toluene	ND	0.0250	1	12/15/23	12/20/23	
o-Xylene	ND	0.0250	1	12/15/23	12/20/23	
p,m-Xylene	ND	0.0500	1	12/15/23	12/20/23	
Total Xylenes	ND	0.0250	1	12/15/23	12/20/23	
Surrogate: Bromofluorobenzene		119 %	70-130	12/15/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		94.7 %	70-130	12/15/23	12/20/23	
Surrogate: Toluene-d8		107 %	70-130	12/15/23	12/20/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350091
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/15/23	12/20/23	
Surrogate: Bromofluorobenzene		119 %	70-130	12/15/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		94.7 %	70-130	12/15/23	12/20/23	
Surrogate: Toluene-d8		107 %	70-130	12/15/23	12/20/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351005
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/20/23	
Surrogate: n-Nonane		87.6 %	50-200	12/18/23	12/20/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2351025
Chloride	ND	20.0	1	12/18/23	12/20/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Transfer Line Tarapin to Arabian Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/20/2023 5:00:45PM
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V-11 2-2.5'  
E312097-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350091
Benzene	ND	0.0250	1	12/15/23	12/20/23	
Ethylbenzene	ND	0.0250	1	12/15/23	12/20/23	
Toluene	ND	0.0250	1	12/15/23	12/20/23	
o-Xylene	ND	0.0250	1	12/15/23	12/20/23	
p,m-Xylene	ND	0.0500	1	12/15/23	12/20/23	
Total Xylenes	ND	0.0250	1	12/15/23	12/20/23	
Surrogate: Bromofluorobenzene		123 %	70-130	12/15/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130	12/15/23	12/20/23	
Surrogate: Toluene-d8		107 %	70-130	12/15/23	12/20/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350091
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/15/23	12/20/23	
Surrogate: Bromofluorobenzene		123 %	70-130	12/15/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130	12/15/23	12/20/23	
Surrogate: Toluene-d8		107 %	70-130	12/15/23	12/20/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351005
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/20/23	
Surrogate: n-Nonane		85.8 %	50-200	12/18/23	12/20/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2351025
Chloride	ND	20.0	1	12/18/23	12/20/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Transfer Line Tarapin to Arabian Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/20/2023 5:00:45PM
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V-12 0-6"

E312097-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350091
Benzene	ND	0.0250	1	12/15/23	12/20/23	
Ethylbenzene	ND	0.0250	1	12/15/23	12/20/23	
Toluene	ND	0.0250	1	12/15/23	12/20/23	
o-Xylene	ND	0.0250	1	12/15/23	12/20/23	
p,m-Xylene	ND	0.0500	1	12/15/23	12/20/23	
Total Xylenes	ND	0.0250	1	12/15/23	12/20/23	
Surrogate: Bromofluorobenzene		114 %	70-130	12/15/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		96.0 %	70-130	12/15/23	12/20/23	
Surrogate: Toluene-d8		106 %	70-130	12/15/23	12/20/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350091
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/15/23	12/20/23	
Surrogate: Bromofluorobenzene		114 %	70-130	12/15/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		96.0 %	70-130	12/15/23	12/20/23	
Surrogate: Toluene-d8		106 %	70-130	12/15/23	12/20/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351005
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/20/23	
Surrogate: n-Nonane		82.9 %	50-200	12/18/23	12/20/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2351025
Chloride	ND	20.0	1	12/18/23	12/20/23	





## Sample Data

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

Project Name: Transfer Line Tarapin to Arabian  
Project Number: 01058-0007  
Project Manager: Ethan Sessums

**Reported:**  
12/20/2023 5:00:45PM

V-12 1-1.5'

E312097-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350092
Benzene	ND	0.0250	1	12/14/23	12/18/23	
Ethylbenzene	ND	0.0250	1	12/14/23	12/18/23	
Toluene	ND	0.0250	1	12/14/23	12/18/23	
o-Xylene	ND	0.0250	1	12/14/23	12/18/23	
p,m-Xylene	ND	0.0500	1	12/14/23	12/18/23	
Total Xylenes	ND	0.0250	1	12/14/23	12/18/23	
Surrogate: Bromofluorobenzene		106 %	70-130	12/14/23	12/18/23	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130	12/14/23	12/18/23	
Surrogate: Toluene-d8		107 %	70-130	12/14/23	12/18/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350092
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/23	12/18/23	
Surrogate: Bromofluorobenzene		106 %	70-130	12/14/23	12/18/23	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130	12/14/23	12/18/23	
Surrogate: Toluene-d8		107 %	70-130	12/14/23	12/18/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351006
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/19/23	
Surrogate: n-Nonane		88.5 %	50-200	12/18/23	12/19/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2351026
Chloride	40.3	20.0	1	12/18/23	12/19/23	



## Sample Data

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

Project Name: Transfer Line Tarapin to Arabian  
Project Number: 01058-0007  
Project Manager: Ethan Sessums

**Reported:**  
12/20/2023 5:00:45PM

V-12 2-2.5'

E312097-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350092
Benzene	ND	0.0250	1	12/14/23	12/18/23	
Ethylbenzene	ND	0.0250	1	12/14/23	12/18/23	
Toluene	ND	0.0250	1	12/14/23	12/18/23	
o-Xylene	ND	0.0250	1	12/14/23	12/18/23	
p,m-Xylene	ND	0.0500	1	12/14/23	12/18/23	
Total Xylenes	ND	0.0250	1	12/14/23	12/18/23	
Surrogate: Bromofluorobenzene		106 %	70-130	12/14/23	12/18/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	12/14/23	12/18/23	
Surrogate: Toluene-d8		107 %	70-130	12/14/23	12/18/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350092
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/23	12/18/23	
Surrogate: Bromofluorobenzene		106 %	70-130	12/14/23	12/18/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	12/14/23	12/18/23	
Surrogate: Toluene-d8		107 %	70-130	12/14/23	12/18/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351006
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/19/23	
Surrogate: n-Nonane		83.7 %	50-200	12/18/23	12/19/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2351026
Chloride	46.7	20.0	1	12/18/23	12/19/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Transfer Line Tarapin to Arabian Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/20/2023 5:00:45PM
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V-12 3-3.5'  
E312097-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2350092	
Benzene	ND	0.0250	1	12/14/23	12/18/23	
Ethylbenzene	ND	0.0250	1	12/14/23	12/18/23	
Toluene	ND	0.0250	1	12/14/23	12/18/23	
o-Xylene	ND	0.0250	1	12/14/23	12/18/23	
p,m-Xylene	ND	0.0500	1	12/14/23	12/18/23	
Total Xylenes	ND	0.0250	1	12/14/23	12/18/23	
Surrogate: Bromofluorobenzene		107 %	70-130	12/14/23	12/18/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	12/14/23	12/18/23	
Surrogate: Toluene-d8		106 %	70-130	12/14/23	12/18/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2350092	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/23	12/18/23	
Surrogate: Bromofluorobenzene		107 %	70-130	12/14/23	12/18/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	12/14/23	12/18/23	
Surrogate: Toluene-d8		106 %	70-130	12/14/23	12/18/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2351006	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/19/23	
Surrogate: n-Nonane		84.5 %	50-200	12/18/23	12/19/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2351026	
Chloride	21.7	20.0	1	12/18/23	12/19/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Transfer Line Tarapin to Arabian Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/20/2023 5:00:45PM
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V-12 4-4.5'  
E312097-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350092
Benzene	ND	0.0250	1	12/14/23	12/18/23	
Ethylbenzene	ND	0.0250	1	12/14/23	12/18/23	
Toluene	ND	0.0250	1	12/14/23	12/18/23	
o-Xylene	ND	0.0250	1	12/14/23	12/18/23	
p,m-Xylene	ND	0.0500	1	12/14/23	12/18/23	
Total Xylenes	ND	0.0250	1	12/14/23	12/18/23	
Surrogate: Bromofluorobenzene		107 %	70-130	12/14/23	12/18/23	
Surrogate: 1,2-Dichloroethane-d4		98.9 %	70-130	12/14/23	12/18/23	
Surrogate: Toluene-d8		108 %	70-130	12/14/23	12/18/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350092
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/23	12/18/23	
Surrogate: Bromofluorobenzene		107 %	70-130	12/14/23	12/18/23	
Surrogate: 1,2-Dichloroethane-d4		98.9 %	70-130	12/14/23	12/18/23	
Surrogate: Toluene-d8		108 %	70-130	12/14/23	12/18/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351006
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/19/23	
Surrogate: n-Nonane		84.5 %	50-200	12/18/23	12/19/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2351026
Chloride	63.5	20.0	1	12/18/23	12/19/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Transfer Line Tarapin to Arabian Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/20/2023 5:00:45PM
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V-13 0-6"

E312097-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350092
Benzene	ND	0.0250	1	12/14/23	12/18/23	
Ethylbenzene	ND	0.0250	1	12/14/23	12/18/23	
Toluene	ND	0.0250	1	12/14/23	12/18/23	
o-Xylene	ND	0.0250	1	12/14/23	12/18/23	
p,m-Xylene	ND	0.0500	1	12/14/23	12/18/23	
Total Xylenes	ND	0.0250	1	12/14/23	12/18/23	
Surrogate: Bromofluorobenzene		107 %	70-130	12/14/23	12/18/23	
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130	12/14/23	12/18/23	
Surrogate: Toluene-d8		108 %	70-130	12/14/23	12/18/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350092
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/23	12/18/23	
Surrogate: Bromofluorobenzene		107 %	70-130	12/14/23	12/18/23	
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130	12/14/23	12/18/23	
Surrogate: Toluene-d8		108 %	70-130	12/14/23	12/18/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351006
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/19/23	
Surrogate: n-Nonane		84.9 %	50-200	12/18/23	12/19/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2351026
Chloride	ND	20.0	1	12/18/23	12/19/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Transfer Line Tarapin to Arabian Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/20/2023 5:00:45PM
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V-13 1-1.5'  
E312097-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350092
Benzene	ND	0.0250	1	12/14/23	12/18/23	
Ethylbenzene	ND	0.0250	1	12/14/23	12/18/23	
Toluene	ND	0.0250	1	12/14/23	12/18/23	
o-Xylene	ND	0.0250	1	12/14/23	12/18/23	
p,m-Xylene	ND	0.0500	1	12/14/23	12/18/23	
Total Xylenes	ND	0.0250	1	12/14/23	12/18/23	
Surrogate: Bromofluorobenzene		108 %	70-130	12/14/23	12/18/23	
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130	12/14/23	12/18/23	
Surrogate: Toluene-d8		107 %	70-130	12/14/23	12/18/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350092
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/23	12/18/23	
Surrogate: Bromofluorobenzene		108 %	70-130	12/14/23	12/18/23	
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130	12/14/23	12/18/23	
Surrogate: Toluene-d8		107 %	70-130	12/14/23	12/18/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351006
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/19/23	
Surrogate: n-Nonane		88.0 %	50-200	12/18/23	12/19/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2351026
Chloride	ND	20.0	1	12/18/23	12/19/23	





Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Transfer Line Tarapin to Arabian Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/20/2023 5:00:45PM
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V-13 2-2.5'  
E312097-27

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350092
Benzene	ND	0.0250	1	12/14/23	12/18/23	
Ethylbenzene	ND	0.0250	1	12/14/23	12/18/23	
Toluene	ND	0.0250	1	12/14/23	12/18/23	
o-Xylene	ND	0.0250	1	12/14/23	12/18/23	
p,m-Xylene	ND	0.0500	1	12/14/23	12/18/23	
Total Xylenes	ND	0.0250	1	12/14/23	12/18/23	
Surrogate: Bromofluorobenzene		104 %	70-130	12/14/23	12/18/23	
Surrogate: 1,2-Dichloroethane-d4		99.3 %	70-130	12/14/23	12/18/23	
Surrogate: Toluene-d8		106 %	70-130	12/14/23	12/18/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350092
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/23	12/18/23	
Surrogate: Bromofluorobenzene		104 %	70-130	12/14/23	12/18/23	
Surrogate: 1,2-Dichloroethane-d4		99.3 %	70-130	12/14/23	12/18/23	
Surrogate: Toluene-d8		106 %	70-130	12/14/23	12/18/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351006
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/19/23	
Surrogate: n-Nonane		84.8 %	50-200	12/18/23	12/19/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2351026
Chloride	25.9	20.0	1	12/18/23	12/19/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Transfer Line Tarapin to Arabian Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/20/2023 5:00:45PM
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V-13 3-3.5'  
E312097-28

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350092
Benzene	ND	0.0250	1	12/14/23	12/18/23	
Ethylbenzene	ND	0.0250	1	12/14/23	12/18/23	
Toluene	ND	0.0250	1	12/14/23	12/18/23	
o-Xylene	ND	0.0250	1	12/14/23	12/18/23	
p,m-Xylene	ND	0.0500	1	12/14/23	12/18/23	
Total Xylenes	ND	0.0250	1	12/14/23	12/18/23	
Surrogate: Bromofluorobenzene		106 %	70-130	12/14/23	12/18/23	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130	12/14/23	12/18/23	
Surrogate: Toluene-d8		106 %	70-130	12/14/23	12/18/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350092
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/23	12/18/23	
Surrogate: Bromofluorobenzene		106 %	70-130	12/14/23	12/18/23	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130	12/14/23	12/18/23	
Surrogate: Toluene-d8		106 %	70-130	12/14/23	12/18/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351006
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/20/23	
Surrogate: n-Nonane		85.7 %	50-200	12/18/23	12/20/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2351026
Chloride	290	20.0	1	12/18/23	12/19/23	



## Sample Data

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

Project Name: Transfer Line Tarapin to Arabian  
Project Number: 01058-0007  
Project Manager: Ethan Sessums

**Reported:**  
12/20/2023 5:00:45PM

V-13 4-4.5'

E312097-29

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350092
Benzene	ND	0.0250	1	12/14/23	12/18/23	
Ethylbenzene	ND	0.0250	1	12/14/23	12/18/23	
Toluene	ND	0.0250	1	12/14/23	12/18/23	
o-Xylene	ND	0.0250	1	12/14/23	12/18/23	
p,m-Xylene	ND	0.0500	1	12/14/23	12/18/23	
Total Xylenes	ND	0.0250	1	12/14/23	12/18/23	
Surrogate: Bromofluorobenzene		108 %	70-130	12/14/23	12/18/23	
Surrogate: 1,2-Dichloroethane-d4		96.3 %	70-130	12/14/23	12/18/23	
Surrogate: Toluene-d8		107 %	70-130	12/14/23	12/18/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350092
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/23	12/18/23	
Surrogate: Bromofluorobenzene		108 %	70-130	12/14/23	12/18/23	
Surrogate: 1,2-Dichloroethane-d4		96.3 %	70-130	12/14/23	12/18/23	
Surrogate: Toluene-d8		107 %	70-130	12/14/23	12/18/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351006
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/20/23	
Surrogate: n-Nonane		83.8 %	50-200	12/18/23	12/20/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2351026
Chloride	241	20.0	1	12/18/23	12/19/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Transfer Line Tarapin to Arabian Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/20/2023 5:00:45PM
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V-14 0-6"

E312097-30

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350092
Benzene	ND	0.0250	1	12/14/23	12/18/23	
Ethylbenzene	ND	0.0250	1	12/14/23	12/18/23	
Toluene	ND	0.0250	1	12/14/23	12/18/23	
o-Xylene	ND	0.0250	1	12/14/23	12/18/23	
p,m-Xylene	ND	0.0500	1	12/14/23	12/18/23	
Total Xylenes	ND	0.0250	1	12/14/23	12/18/23	
Surrogate: Bromofluorobenzene		108 %	70-130	12/14/23	12/18/23	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130	12/14/23	12/18/23	
Surrogate: Toluene-d8		108 %	70-130	12/14/23	12/18/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350092
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/23	12/18/23	
Surrogate: Bromofluorobenzene		108 %	70-130	12/14/23	12/18/23	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130	12/14/23	12/18/23	
Surrogate: Toluene-d8		108 %	70-130	12/14/23	12/18/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351006
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/20/23	
Surrogate: n-Nonane		86.0 %	50-200	12/18/23	12/20/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2351026
Chloride	ND	20.0	1	12/18/23	12/19/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Transfer Line Tarapin to Arabian Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/20/2023 5:00:45PM
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V--14 1-1.5'  
E312097-31

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350092
Benzene	ND	0.0250	1	12/14/23	12/19/23	
Ethylbenzene	ND	0.0250	1	12/14/23	12/19/23	
Toluene	ND	0.0250	1	12/14/23	12/19/23	
o-Xylene	ND	0.0250	1	12/14/23	12/19/23	
p,m-Xylene	ND	0.0500	1	12/14/23	12/19/23	
Total Xylenes	ND	0.0250	1	12/14/23	12/19/23	
Surrogate: Bromofluorobenzene		106 %	70-130	12/14/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130	12/14/23	12/19/23	
Surrogate: Toluene-d8		106 %	70-130	12/14/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350092
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/23	12/19/23	
Surrogate: Bromofluorobenzene		106 %	70-130	12/14/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130	12/14/23	12/19/23	
Surrogate: Toluene-d8		106 %	70-130	12/14/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351006
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/20/23	
Surrogate: n-Nonane		85.5 %	50-200	12/18/23	12/20/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2351026
Chloride	ND	20.0	1	12/18/23	12/19/23	

Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Transfer Line Tarapin to Arabian Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/20/2023 5:00:45PM
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V-14 2-2.5'  
E312097-32

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350092
Benzene	ND	0.0250	1	12/14/23	12/19/23	
Ethylbenzene	ND	0.0250	1	12/14/23	12/19/23	
Toluene	ND	0.0250	1	12/14/23	12/19/23	
o-Xylene	ND	0.0250	1	12/14/23	12/19/23	
p,m-Xylene	ND	0.0500	1	12/14/23	12/19/23	
Total Xylenes	ND	0.0250	1	12/14/23	12/19/23	
Surrogate: Bromofluorobenzene		106 %	70-130	12/14/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4		97.6 %	70-130	12/14/23	12/19/23	
Surrogate: Toluene-d8		107 %	70-130	12/14/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350092
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/23	12/19/23	
Surrogate: Bromofluorobenzene		106 %	70-130	12/14/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4		97.6 %	70-130	12/14/23	12/19/23	
Surrogate: Toluene-d8		107 %	70-130	12/14/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351006
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/20/23	
Surrogate: n-Nonane		85.2 %	50-200	12/18/23	12/20/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2351026
Chloride	ND	20.0	1	12/18/23	12/19/23	





Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Transfer Line Tarapin to Arabian Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/20/2023 5:00:45PM
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V-14 3-3.5'  
E312097-33

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350092
Benzene	ND	0.0250	1	12/14/23	12/19/23	
Ethylbenzene	ND	0.0250	1	12/14/23	12/19/23	
Toluene	ND	0.0250	1	12/14/23	12/19/23	
o-Xylene	ND	0.0250	1	12/14/23	12/19/23	
p,m-Xylene	ND	0.0500	1	12/14/23	12/19/23	
Total Xylenes	ND	0.0250	1	12/14/23	12/19/23	
Surrogate: Bromofluorobenzene		105 %	70-130	12/14/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130	12/14/23	12/19/23	
Surrogate: Toluene-d8		108 %	70-130	12/14/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350092
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/23	12/19/23	
Surrogate: Bromofluorobenzene		105 %	70-130	12/14/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130	12/14/23	12/19/23	
Surrogate: Toluene-d8		108 %	70-130	12/14/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351006
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/20/23	
Surrogate: n-Nonane		85.3 %	50-200	12/18/23	12/20/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2351026
Chloride	50.0	20.0	1	12/18/23	12/19/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Transfer Line Tarapin to Arabian Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/20/2023 5:00:45PM
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V-14 4-4.5'  
E312097-34

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350092
Benzene	ND	0.0250	1	12/14/23	12/19/23	
Ethylbenzene	ND	0.0250	1	12/14/23	12/19/23	
Toluene	ND	0.0250	1	12/14/23	12/19/23	
o-Xylene	ND	0.0250	1	12/14/23	12/19/23	
p,m-Xylene	ND	0.0500	1	12/14/23	12/19/23	
Total Xylenes	ND	0.0250	1	12/14/23	12/19/23	
Surrogate: Bromofluorobenzene		107 %	70-130	12/14/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4		96.3 %	70-130	12/14/23	12/19/23	
Surrogate: Toluene-d8		107 %	70-130	12/14/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350092
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/23	12/19/23	
Surrogate: Bromofluorobenzene		107 %	70-130	12/14/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4		96.3 %	70-130	12/14/23	12/19/23	
Surrogate: Toluene-d8		107 %	70-130	12/14/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351006
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/20/23	
Surrogate: n-Nonane		86.0 %	50-200	12/18/23	12/20/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2351026
Chloride	73.7	20.0	1	12/18/23	12/19/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Transfer Line Tarapin to Arabian Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/20/2023 5:00:45PM
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V-15 0-6"

E312097-35

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350092
Benzene	ND	0.0250	1	12/14/23	12/19/23	
Ethylbenzene	ND	0.0250	1	12/14/23	12/19/23	
Toluene	ND	0.0250	1	12/14/23	12/19/23	
o-Xylene	ND	0.0250	1	12/14/23	12/19/23	
p,m-Xylene	ND	0.0500	1	12/14/23	12/19/23	
Total Xylenes	ND	0.0250	1	12/14/23	12/19/23	
Surrogate: Bromofluorobenzene		107 %	70-130	12/14/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130	12/14/23	12/19/23	
Surrogate: Toluene-d8		106 %	70-130	12/14/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350092
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/23	12/19/23	
Surrogate: Bromofluorobenzene		107 %	70-130	12/14/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130	12/14/23	12/19/23	
Surrogate: Toluene-d8		106 %	70-130	12/14/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351006
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/20/23	
Surrogate: n-Nonane		82.1 %	50-200	12/18/23	12/20/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2351026
Chloride	ND	20.0	1	12/18/23	12/19/23	



## Sample Data

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

Project Name: Transfer Line Tarapin to Arabian  
Project Number: 01058-0007  
Project Manager: Ethan Sessums

**Reported:**  
12/20/2023 5:00:45PM

V-15 1-1.5'

E312097-36

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350092
Benzene	ND	0.0250	1	12/14/23	12/19/23	
Ethylbenzene	ND	0.0250	1	12/14/23	12/19/23	
Toluene	ND	0.0250	1	12/14/23	12/19/23	
o-Xylene	ND	0.0250	1	12/14/23	12/19/23	
p,m-Xylene	ND	0.0500	1	12/14/23	12/19/23	
Total Xylenes	ND	0.0250	1	12/14/23	12/19/23	
Surrogate: Bromofluorobenzene		108 %	70-130	12/14/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130	12/14/23	12/19/23	
Surrogate: Toluene-d8		105 %	70-130	12/14/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350092
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/23	12/19/23	
Surrogate: Bromofluorobenzene		108 %	70-130	12/14/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130	12/14/23	12/19/23	
Surrogate: Toluene-d8		105 %	70-130	12/14/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351006
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/20/23	
Surrogate: n-Nonane		84.6 %	50-200	12/18/23	12/20/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2351026
Chloride	ND	20.0	1	12/18/23	12/19/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Transfer Line Tarapin to Arabian Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/20/2023 5:00:45PM
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V-16 0-6"

E312097-37

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2350092	
Benzene	ND	0.0250	1	12/14/23	12/19/23	
Ethylbenzene	ND	0.0250	1	12/14/23	12/19/23	
Toluene	ND	0.0250	1	12/14/23	12/19/23	
o-Xylene	ND	0.0250	1	12/14/23	12/19/23	
p,m-Xylene	ND	0.0500	1	12/14/23	12/19/23	
Total Xylenes	ND	0.0250	1	12/14/23	12/19/23	
Surrogate: Bromofluorobenzene		106 %	70-130	12/14/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4		99.2 %	70-130	12/14/23	12/19/23	
Surrogate: Toluene-d8		105 %	70-130	12/14/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2350092	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/23	12/19/23	
Surrogate: Bromofluorobenzene		106 %	70-130	12/14/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4		99.2 %	70-130	12/14/23	12/19/23	
Surrogate: Toluene-d8		105 %	70-130	12/14/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2351006	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/20/23	
Surrogate: n-Nonane		84.0 %	50-200	12/18/23	12/20/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2351026	
Chloride	ND	20.0	1	12/18/23	12/19/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Transfer Line Tarapin to Arabian Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/20/2023 5:00:45PM
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V-16 1-1.5'  
E312097-38

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350092
Benzene	ND	0.0250	1	12/14/23	12/19/23	
Ethylbenzene	ND	0.0250	1	12/14/23	12/19/23	
Toluene	ND	0.0250	1	12/14/23	12/19/23	
o-Xylene	ND	0.0250	1	12/14/23	12/19/23	
p,m-Xylene	ND	0.0500	1	12/14/23	12/19/23	
Total Xylenes	ND	0.0250	1	12/14/23	12/19/23	
Surrogate: Bromofluorobenzene		107 %	70-130	12/14/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130	12/14/23	12/19/23	
Surrogate: Toluene-d8		107 %	70-130	12/14/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350092
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/23	12/19/23	
Surrogate: Bromofluorobenzene		107 %	70-130	12/14/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130	12/14/23	12/19/23	
Surrogate: Toluene-d8		107 %	70-130	12/14/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351006
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/20/23	
Surrogate: n-Nonane		86.5 %	50-200	12/18/23	12/20/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2351026
Chloride	ND	20.0	1	12/18/23	12/19/23	





## Sample Data

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

Project Name: Transfer Line Tarapin to Arabian  
Project Number: 01058-0007  
Project Manager: Ethan Sessums

**Reported:**  
12/20/2023 5:00:45PM

V-16 2-2.5'

E312097-39

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350092
Benzene	ND	0.0250	1	12/14/23	12/19/23	
Ethylbenzene	ND	0.0250	1	12/14/23	12/19/23	
Toluene	ND	0.0250	1	12/14/23	12/19/23	
o-Xylene	ND	0.0250	1	12/14/23	12/19/23	
p,m-Xylene	ND	0.0500	1	12/14/23	12/19/23	
Total Xylenes	ND	0.0250	1	12/14/23	12/19/23	
Surrogate: Bromofluorobenzene		108 %	70-130	12/14/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130	12/14/23	12/19/23	
Surrogate: Toluene-d8		107 %	70-130	12/14/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350092
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/23	12/19/23	
Surrogate: Bromofluorobenzene		108 %	70-130	12/14/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130	12/14/23	12/19/23	
Surrogate: Toluene-d8		107 %	70-130	12/14/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351006
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/20/23	
Surrogate: n-Nonane		82.3 %	50-200	12/18/23	12/20/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2351026
Chloride	37.2	20.0	1	12/18/23	12/19/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Transfer Line Tarapin to Arabian Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/20/2023 5:00:45PM
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V-16 3-3.5'  
E312097-40

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350092
Benzene	ND	0.0250	1	12/14/23	12/19/23	
Ethylbenzene	ND	0.0250	1	12/14/23	12/19/23	
Toluene	ND	0.0250	1	12/14/23	12/19/23	
o-Xylene	ND	0.0250	1	12/14/23	12/19/23	
p,m-Xylene	ND	0.0500	1	12/14/23	12/19/23	
Total Xylenes	ND	0.0250	1	12/14/23	12/19/23	
Surrogate: Bromofluorobenzene		105 %	70-130	12/14/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4		93.4 %	70-130	12/14/23	12/19/23	
Surrogate: Toluene-d8		108 %	70-130	12/14/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350092
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/23	12/19/23	
Surrogate: Bromofluorobenzene		105 %	70-130	12/14/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4		93.4 %	70-130	12/14/23	12/19/23	
Surrogate: Toluene-d8		108 %	70-130	12/14/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351006
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/20/23	
Surrogate: n-Nonane		84.0 %	50-200	12/18/23	12/20/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2351026
Chloride	57.3	20.0	1	12/18/23	12/19/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Transfer Line Tarapin to Arabian Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/20/2023 5:00:45PM
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V-16 4-4.5'  
E312097-41

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350095
Benzene	ND	0.0250	1	12/14/23	12/19/23	
Ethylbenzene	ND	0.0250	1	12/14/23	12/19/23	
Toluene	ND	0.0250	1	12/14/23	12/19/23	
o-Xylene	ND	0.0250	1	12/14/23	12/19/23	
p,m-Xylene	ND	0.0500	1	12/14/23	12/19/23	
Total Xylenes	ND	0.0250	1	12/14/23	12/19/23	
Surrogate: Bromofluorobenzene	99.0 %	70-130		12/14/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		12/14/23	12/19/23	
Surrogate: Toluene-d8	96.9 %	70-130		12/14/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350095
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/23	12/19/23	
Surrogate: Bromofluorobenzene	99.0 %	70-130		12/14/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		12/14/23	12/19/23	
Surrogate: Toluene-d8	96.9 %	70-130		12/14/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351007
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/20/23	
Surrogate: n-Nonane	90.7 %	50-200		12/18/23	12/20/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2351027
Chloride	88.9	20.0	1	12/18/23	12/19/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Transfer Line Tarapin to Arabian Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/20/2023 5:00:45PM
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V-17 0-6"

E312097-42

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350095
Benzene	ND	0.0250	1	12/14/23	12/19/23	
Ethylbenzene	ND	0.0250	1	12/14/23	12/19/23	
Toluene	ND	0.0250	1	12/14/23	12/19/23	
o-Xylene	ND	0.0250	1	12/14/23	12/19/23	
p,m-Xylene	ND	0.0500	1	12/14/23	12/19/23	
Total Xylenes	ND	0.0250	1	12/14/23	12/19/23	
Surrogate: Bromofluorobenzene	97.2 %	70-130		12/14/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		12/14/23	12/19/23	
Surrogate: Toluene-d8	96.1 %	70-130		12/14/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350095
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/23	12/19/23	
Surrogate: Bromofluorobenzene	97.2 %	70-130		12/14/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		12/14/23	12/19/23	
Surrogate: Toluene-d8	96.1 %	70-130		12/14/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351007
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/20/23	
Surrogate: n-Nonane	91.6 %	50-200		12/18/23	12/20/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2351027
Chloride	ND	20.0	1	12/18/23	12/19/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Transfer Line Tarapin to Arabian Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/20/2023 5:00:45PM
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V-17 1-1.5'  
E312097-43

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350095
Benzene	ND	0.0250	1	12/14/23	12/19/23	
Ethylbenzene	ND	0.0250	1	12/14/23	12/19/23	
Toluene	ND	0.0250	1	12/14/23	12/19/23	
o-Xylene	ND	0.0250	1	12/14/23	12/19/23	
p,m-Xylene	ND	0.0500	1	12/14/23	12/19/23	
Total Xylenes	ND	0.0250	1	12/14/23	12/19/23	
Surrogate: Bromofluorobenzene	98.2 %	70-130		12/14/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		12/14/23	12/19/23	
Surrogate: Toluene-d8	96.6 %	70-130		12/14/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350095
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/23	12/19/23	
Surrogate: Bromofluorobenzene	98.2 %	70-130		12/14/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		12/14/23	12/19/23	
Surrogate: Toluene-d8	96.6 %	70-130		12/14/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351007
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/20/23	
Surrogate: n-Nonane	83.8 %	50-200		12/18/23	12/20/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2351027
Chloride	ND	20.0	1	12/18/23	12/19/23	



## Sample Data

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

Project Name: Transfer Line Tarapin to Arabian  
Project Number: 01058-0007  
Project Manager: Ethan Sessums

**Reported:**  
12/20/2023 5:00:45PM

V-17 2-2.5'

E312097-44

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350095
Benzene	ND	0.0250	1	12/14/23	12/19/23	
Ethylbenzene	ND	0.0250	1	12/14/23	12/19/23	
Toluene	ND	0.0250	1	12/14/23	12/19/23	
o-Xylene	ND	0.0250	1	12/14/23	12/19/23	
p,m-Xylene	ND	0.0500	1	12/14/23	12/19/23	
Total Xylenes	ND	0.0250	1	12/14/23	12/19/23	
Surrogate: Bromofluorobenzene	96.1 %	70-130		12/14/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		12/14/23	12/19/23	
Surrogate: Toluene-d8	96.1 %	70-130		12/14/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350095
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/23	12/19/23	
Surrogate: Bromofluorobenzene	96.1 %	70-130		12/14/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		12/14/23	12/19/23	
Surrogate: Toluene-d8	96.1 %	70-130		12/14/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351007
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/20/23	
Surrogate: n-Nonane	91.2 %	50-200		12/18/23	12/20/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2351027
Chloride	ND	20.0	1	12/18/23	12/19/23	





Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Transfer Line Tarapin to Arabian Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/20/2023 5:00:45PM
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V-17 3-3.5'  
E312097-45

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350095
Benzene	ND	0.0250	1	12/14/23	12/19/23	
Ethylbenzene	ND	0.0250	1	12/14/23	12/19/23	
Toluene	ND	0.0250	1	12/14/23	12/19/23	
o-Xylene	ND	0.0250	1	12/14/23	12/19/23	
p,m-Xylene	ND	0.0500	1	12/14/23	12/19/23	
Total Xylenes	ND	0.0250	1	12/14/23	12/19/23	
Surrogate: Bromofluorobenzene	96.8 %	70-130		12/14/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		12/14/23	12/19/23	
Surrogate: Toluene-d8	96.9 %	70-130		12/14/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350095
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/23	12/19/23	
Surrogate: Bromofluorobenzene	96.8 %	70-130		12/14/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		12/14/23	12/19/23	
Surrogate: Toluene-d8	96.9 %	70-130		12/14/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351007
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/20/23	
Surrogate: n-Nonane	89.3 %	50-200		12/18/23	12/20/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2351027
Chloride	ND	20.0	1	12/18/23	12/19/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Transfer Line Tarapin to Arabian Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/20/2023 5:00:45PM
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V-17 4-4.5'  
E312097-46

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350095
Benzene	ND	0.0250	1	12/14/23	12/19/23	
Ethylbenzene	ND	0.0250	1	12/14/23	12/19/23	
Toluene	ND	0.0250	1	12/14/23	12/19/23	
o-Xylene	ND	0.0250	1	12/14/23	12/19/23	
p,m-Xylene	ND	0.0500	1	12/14/23	12/19/23	
Total Xylenes	ND	0.0250	1	12/14/23	12/19/23	
Surrogate: Bromofluorobenzene	97.5 %	70-130		12/14/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		12/14/23	12/19/23	
Surrogate: Toluene-d8	96.1 %	70-130		12/14/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350095
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/23	12/19/23	
Surrogate: Bromofluorobenzene	97.5 %	70-130		12/14/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		12/14/23	12/19/23	
Surrogate: Toluene-d8	96.1 %	70-130		12/14/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351007
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/20/23	
Surrogate: n-Nonane	91.1 %	50-200		12/18/23	12/20/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2351027
Chloride	ND	20.0	1	12/18/23	12/19/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Transfer Line Tarapin to Arabian Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/20/2023 5:00:45PM
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V-18 0-6"

E312097-47

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350095
Benzene	ND	0.0250	1	12/14/23	12/19/23	
Ethylbenzene	ND	0.0250	1	12/14/23	12/19/23	
Toluene	ND	0.0250	1	12/14/23	12/19/23	
o-Xylene	ND	0.0250	1	12/14/23	12/19/23	
p,m-Xylene	ND	0.0500	1	12/14/23	12/19/23	
Total Xylenes	ND	0.0250	1	12/14/23	12/19/23	
Surrogate: Bromofluorobenzene	97.9 %	70-130		12/14/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4	99.0 %	70-130		12/14/23	12/19/23	
Surrogate: Toluene-d8	95.8 %	70-130		12/14/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350095
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/23	12/19/23	
Surrogate: Bromofluorobenzene	97.9 %	70-130		12/14/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4	99.0 %	70-130		12/14/23	12/19/23	
Surrogate: Toluene-d8	95.8 %	70-130		12/14/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351007
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/20/23	
Surrogate: n-Nonane	91.3 %	50-200		12/18/23	12/20/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2351027
Chloride	ND	20.0	1	12/18/23	12/19/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Transfer Line Tarapin to Arabian Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/20/2023 5:00:45PM
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V-18 1-1.5'  
E312097-48

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350095
Benzene	ND	0.0250	1	12/14/23	12/19/23	
Ethylbenzene	ND	0.0250	1	12/14/23	12/19/23	
Toluene	ND	0.0250	1	12/14/23	12/19/23	
o-Xylene	ND	0.0250	1	12/14/23	12/19/23	
p,m-Xylene	ND	0.0500	1	12/14/23	12/19/23	
Total Xylenes	ND	0.0250	1	12/14/23	12/19/23	
Surrogate: Bromofluorobenzene	97.9 %	70-130		12/14/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4	99.6 %	70-130		12/14/23	12/19/23	
Surrogate: Toluene-d8	96.9 %	70-130		12/14/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350095
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/23	12/19/23	
Surrogate: Bromofluorobenzene	97.9 %	70-130		12/14/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4	99.6 %	70-130		12/14/23	12/19/23	
Surrogate: Toluene-d8	96.9 %	70-130		12/14/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351007
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/20/23	
Surrogate: n-Nonane	98.3 %	50-200		12/18/23	12/20/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2351027
Chloride	ND	20.0	1	12/18/23	12/19/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Transfer Line Tarapin to Arabian Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/20/2023 5:00:45PM
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V-18 2-2.5'  
E312097-49

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2350095	
Benzene	ND	0.0250	1	12/14/23	12/19/23	
Ethylbenzene	ND	0.0250	1	12/14/23	12/19/23	
Toluene	ND	0.0250	1	12/14/23	12/19/23	
o-Xylene	ND	0.0250	1	12/14/23	12/19/23	
p,m-Xylene	ND	0.0500	1	12/14/23	12/19/23	
Total Xylenes	ND	0.0250	1	12/14/23	12/19/23	
Surrogate: Bromofluorobenzene	97.8 %	70-130		12/14/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		12/14/23	12/19/23	
Surrogate: Toluene-d8	95.8 %	70-130		12/14/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2350095	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/23	12/19/23	
Surrogate: Bromofluorobenzene	97.8 %	70-130		12/14/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		12/14/23	12/19/23	
Surrogate: Toluene-d8	95.8 %	70-130		12/14/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2351007	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/20/23	
Surrogate: n-Nonane	94.3 %	50-200		12/18/23	12/20/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2351027	
Chloride	35.8	20.0	1	12/18/23	12/19/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Transfer Line Tarapin to Arabian Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/20/2023 5:00:45PM
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V-18 3-3.5'  
E312097-50

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2350095	
Benzene	ND	0.0250	1	12/14/23	12/19/23	
Ethylbenzene	ND	0.0250	1	12/14/23	12/19/23	
Toluene	ND	0.0250	1	12/14/23	12/19/23	
o-Xylene	ND	0.0250	1	12/14/23	12/19/23	
p,m-Xylene	ND	0.0500	1	12/14/23	12/19/23	
Total Xylenes	ND	0.0250	1	12/14/23	12/19/23	
Surrogate: Bromofluorobenzene	97.3 %	70-130		12/14/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		12/14/23	12/19/23	
Surrogate: Toluene-d8	96.2 %	70-130		12/14/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2350095	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/23	12/19/23	
Surrogate: Bromofluorobenzene	97.3 %	70-130		12/14/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		12/14/23	12/19/23	
Surrogate: Toluene-d8	96.2 %	70-130		12/14/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2351007	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/20/23	
Surrogate: n-Nonane	95.3 %	50-200		12/18/23	12/20/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2351027	
Chloride	42.5	20.0	1	12/18/23	12/19/23	





Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Transfer Line Tarapin to Arabian Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/20/2023 5:00:45PM
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V-18 4-4.5'  
E312097-51

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350095
Benzene	ND	0.0250	1	12/14/23	12/19/23	
Ethylbenzene	ND	0.0250	1	12/14/23	12/19/23	
Toluene	ND	0.0250	1	12/14/23	12/19/23	
o-Xylene	ND	0.0250	1	12/14/23	12/19/23	
p,m-Xylene	ND	0.0500	1	12/14/23	12/19/23	
Total Xylenes	ND	0.0250	1	12/14/23	12/19/23	
Surrogate: Bromofluorobenzene	96.6 %	70-130		12/14/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4	99.8 %	70-130		12/14/23	12/19/23	
Surrogate: Toluene-d8	96.4 %	70-130		12/14/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350095
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/23	12/19/23	
Surrogate: Bromofluorobenzene	96.6 %	70-130		12/14/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4	99.8 %	70-130		12/14/23	12/19/23	
Surrogate: Toluene-d8	96.4 %	70-130		12/14/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351007
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/20/23	
Surrogate: n-Nonane	92.4 %	50-200		12/18/23	12/20/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2351027
Chloride	45.1	20.0	1	12/18/23	12/19/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Transfer Line Tarapin to Arabian Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/20/2023 5:00:45PM
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V-19 0-6"

E312097-52

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350095
Benzene	ND	0.0250	1	12/14/23	12/19/23	
Ethylbenzene	ND	0.0250	1	12/14/23	12/19/23	
Toluene	ND	0.0250	1	12/14/23	12/19/23	
o-Xylene	ND	0.0250	1	12/14/23	12/19/23	
p,m-Xylene	ND	0.0500	1	12/14/23	12/19/23	
Total Xylenes	ND	0.0250	1	12/14/23	12/19/23	
Surrogate: Bromofluorobenzene	97.6 %	70-130		12/14/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		12/14/23	12/19/23	
Surrogate: Toluene-d8	96.2 %	70-130		12/14/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350095
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/23	12/19/23	
Surrogate: Bromofluorobenzene	97.6 %	70-130		12/14/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		12/14/23	12/19/23	
Surrogate: Toluene-d8	96.2 %	70-130		12/14/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351007
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/20/23	
Surrogate: n-Nonane	96.5 %	50-200		12/18/23	12/20/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2351027
Chloride	ND	20.0	1	12/18/23	12/19/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Transfer Line Tarapin to Arabian Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/20/2023 5:00:45PM
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V-19 1-1.5'  
E312097-53

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2350095	
Benzene	ND	0.0250	1	12/14/23	12/19/23	
Ethylbenzene	ND	0.0250	1	12/14/23	12/19/23	
Toluene	ND	0.0250	1	12/14/23	12/19/23	
o-Xylene	ND	0.0250	1	12/14/23	12/19/23	
p,m-Xylene	ND	0.0500	1	12/14/23	12/19/23	
Total Xylenes	ND	0.0250	1	12/14/23	12/19/23	
Surrogate: Bromofluorobenzene	97.2 %	70-130		12/14/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		12/14/23	12/19/23	
Surrogate: Toluene-d8	96.3 %	70-130		12/14/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2350095	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/23	12/19/23	
Surrogate: Bromofluorobenzene	97.2 %	70-130		12/14/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		12/14/23	12/19/23	
Surrogate: Toluene-d8	96.3 %	70-130		12/14/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2351007	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/20/23	
Surrogate: n-Nonane	97.6 %	50-200		12/18/23	12/20/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2351027	
Chloride	ND	20.0	1	12/18/23	12/19/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Transfer Line Tarapin to Arabian Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/20/2023 5:00:45PM
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V-19 2-2.5'  
E312097-54

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350095
Benzene	ND	0.0250	1	12/14/23	12/19/23	
Ethylbenzene	ND	0.0250	1	12/14/23	12/19/23	
Toluene	ND	0.0250	1	12/14/23	12/19/23	
o-Xylene	ND	0.0250	1	12/14/23	12/19/23	
p,m-Xylene	ND	0.0500	1	12/14/23	12/19/23	
Total Xylenes	ND	0.0250	1	12/14/23	12/19/23	
Surrogate: Bromofluorobenzene	96.2 %	70-130		12/14/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		12/14/23	12/19/23	
Surrogate: Toluene-d8	96.4 %	70-130		12/14/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350095
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/23	12/19/23	
Surrogate: Bromofluorobenzene	96.2 %	70-130		12/14/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		12/14/23	12/19/23	
Surrogate: Toluene-d8	96.4 %	70-130		12/14/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351007
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/20/23	
Surrogate: n-Nonane	85.2 %	50-200		12/18/23	12/20/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2351027
Chloride	ND	20.0	1	12/18/23	12/19/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Transfer Line Tarapin to Arabian Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/20/2023 5:00:45PM
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V-19 3-3.5'  
E312097-55

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2350095	
Benzene	ND	0.0250	1	12/14/23	12/19/23	
Ethylbenzene	ND	0.0250	1	12/14/23	12/19/23	
Toluene	ND	0.0250	1	12/14/23	12/19/23	
o-Xylene	ND	0.0250	1	12/14/23	12/19/23	
p,m-Xylene	ND	0.0500	1	12/14/23	12/19/23	
Total Xylenes	ND	0.0250	1	12/14/23	12/19/23	
Surrogate: Bromofluorobenzene	97.0 %	70-130		12/14/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		12/14/23	12/19/23	
Surrogate: Toluene-d8	95.9 %	70-130		12/14/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2350095	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/23	12/19/23	
Surrogate: Bromofluorobenzene	97.0 %	70-130		12/14/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		12/14/23	12/19/23	
Surrogate: Toluene-d8	95.9 %	70-130		12/14/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2351007	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/20/23	
Surrogate: n-Nonane	84.1 %	50-200		12/18/23	12/20/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2351027	
Chloride	ND	20.0	1	12/18/23	12/20/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Transfer Line Tarapin to Arabian Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/20/2023 5:00:45PM
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V-19 4-4.5'  
E312097-56

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350095
Benzene	ND	0.0250	1	12/14/23	12/19/23	
Ethylbenzene	ND	0.0250	1	12/14/23	12/19/23	
Toluene	ND	0.0250	1	12/14/23	12/19/23	
o-Xylene	ND	0.0250	1	12/14/23	12/19/23	
p,m-Xylene	ND	0.0500	1	12/14/23	12/19/23	
Total Xylenes	ND	0.0250	1	12/14/23	12/19/23	
Surrogate: Bromofluorobenzene	97.0 %	70-130		12/14/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		12/14/23	12/19/23	
Surrogate: Toluene-d8	95.3 %	70-130		12/14/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350095
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/23	12/19/23	
Surrogate: Bromofluorobenzene	97.0 %	70-130		12/14/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		12/14/23	12/19/23	
Surrogate: Toluene-d8	95.3 %	70-130		12/14/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351007
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/20/23	
Surrogate: n-Nonane	84.9 %	50-200		12/18/23	12/20/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2351027
Chloride	ND	20.0	1	12/18/23	12/20/23	





Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Transfer Line Tarapin to Arabian Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/20/2023 5:00:45PM
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V-20 0-6"

E312097-57

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350095
Benzene	ND	0.0250	1	12/14/23	12/19/23	
Ethylbenzene	ND	0.0250	1	12/14/23	12/19/23	
Toluene	ND	0.0250	1	12/14/23	12/19/23	
o-Xylene	ND	0.0250	1	12/14/23	12/19/23	
p,m-Xylene	ND	0.0500	1	12/14/23	12/19/23	
Total Xylenes	ND	0.0250	1	12/14/23	12/19/23	
Surrogate: Bromofluorobenzene	97.3 %	70-130		12/14/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		12/14/23	12/19/23	
Surrogate: Toluene-d8	94.5 %	70-130		12/14/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350095
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/23	12/19/23	
Surrogate: Bromofluorobenzene	97.3 %	70-130		12/14/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		12/14/23	12/19/23	
Surrogate: Toluene-d8	94.5 %	70-130		12/14/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351007
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/20/23	
Surrogate: n-Nonane	86.1 %	50-200		12/18/23	12/20/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2351027
Chloride	ND	20.0	1	12/18/23	12/20/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Transfer Line Tarapin to Arabian Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/20/2023 5:00:45PM
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V-20 1-1.5'  
E312097-58

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350095
Benzene	ND	0.0250	1	12/14/23	12/19/23	
Ethylbenzene	ND	0.0250	1	12/14/23	12/19/23	
Toluene	ND	0.0250	1	12/14/23	12/19/23	
o-Xylene	ND	0.0250	1	12/14/23	12/19/23	
p,m-Xylene	ND	0.0500	1	12/14/23	12/19/23	
Total Xylenes	ND	0.0250	1	12/14/23	12/19/23	
Surrogate: Bromofluorobenzene	97.7 %	70-130		12/14/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		12/14/23	12/19/23	
Surrogate: Toluene-d8	95.6 %	70-130		12/14/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350095
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/23	12/19/23	
Surrogate: Bromofluorobenzene	97.7 %	70-130		12/14/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		12/14/23	12/19/23	
Surrogate: Toluene-d8	95.6 %	70-130		12/14/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351007
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/20/23	
Surrogate: n-Nonane	85.4 %	50-200		12/18/23	12/20/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2351027
Chloride	ND	20.0	1	12/18/23	12/20/23	



## Sample Data

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

Project Name: Transfer Line Tarapin to Arabian  
Project Number: 01058-0007  
Project Manager: Ethan Sessums

**Reported:**  
12/20/2023 5:00:45PM

V-20 2-2.5'

E312097-59

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350095
Benzene	ND	0.0250	1	12/14/23	12/19/23	
Ethylbenzene	ND	0.0250	1	12/14/23	12/19/23	
Toluene	ND	0.0250	1	12/14/23	12/19/23	
o-Xylene	ND	0.0250	1	12/14/23	12/19/23	
p,m-Xylene	ND	0.0500	1	12/14/23	12/19/23	
Total Xylenes	ND	0.0250	1	12/14/23	12/19/23	
Surrogate: Bromofluorobenzene	97.3 %	70-130		12/14/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		12/14/23	12/19/23	
Surrogate: Toluene-d8	94.5 %	70-130		12/14/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2350095
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/23	12/19/23	
Surrogate: Bromofluorobenzene	97.3 %	70-130		12/14/23	12/19/23	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		12/14/23	12/19/23	
Surrogate: Toluene-d8	94.5 %	70-130		12/14/23	12/19/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351007
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/20/23	
Surrogate: n-Nonane	86.2 %	50-200		12/18/23	12/20/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2351027
Chloride	ND	20.0	1	12/18/23	12/20/23	



QC Summary Data

NTG-New Tech Global Environmental	Project Name:	Transfer Line Tarapin to Arabian	Reported:
911 Regional Park Dr.	Project Number:	01058-0007	
Houston TX, 77060	Project Manager:	Ethan Sessums	12/20/2023 5:00:45PM

Volatile Organic Compounds by EPA 8260B

Analyst: RAS

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

Blank (2350091-BLK1) Prepared: 12/14/23 Analyzed: 12/19/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.597		0.500		119	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.476		0.500		95.1	70-130			
Surrogate: Toluene-d8	0.536		0.500		107	70-130			

LCS (2350091-BS1) Prepared: 12/14/23 Analyzed: 12/19/23

Benzene	2.59	0.0250	2.50		104	70-130			
Ethylbenzene	2.53	0.0250	2.50		101	70-130			
Toluene	2.46	0.0250	2.50		98.4	70-130			
o-Xylene	2.54	0.0250	2.50		102	70-130			
p,m-Xylene	5.12	0.0500	5.00		102	70-130			
Total Xylenes	7.66	0.0250	7.50		102	70-130			
Surrogate: Bromofluorobenzene	0.613		0.500		123	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.484		0.500		96.8	70-130			
Surrogate: Toluene-d8	0.542		0.500		108	70-130			

Matrix Spike (2350091-MS1) Source: E312097-09 Prepared: 12/14/23 Analyzed: 12/19/23

Benzene	2.64	0.0250	2.50	ND	106	48-131			
Ethylbenzene	2.65	0.0250	2.50	ND	106	45-135			
Toluene	2.66	0.0250	2.50	ND	106	48-130			
o-Xylene	2.66	0.0250	2.50	ND	106	43-135			
p,m-Xylene	5.34	0.0500	5.00	ND	107	43-135			
Total Xylenes	8.00	0.0250	7.50	ND	107	43-135			
Surrogate: Bromofluorobenzene	0.624		0.500		125	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.480		0.500		95.9	70-130			
Surrogate: Toluene-d8	0.567		0.500		113	70-130			

Matrix Spike Dup (2350091-MSD1) Source: E312097-09 Prepared: 12/14/23 Analyzed: 12/19/23

Benzene	2.51	0.0250	2.50	ND	100	48-131	5.12	23	
Ethylbenzene	2.46	0.0250	2.50	ND	98.4	45-135	7.34	27	
Toluene	2.42	0.0250	2.50	ND	96.7	48-130	9.48	24	
o-Xylene	2.48	0.0250	2.50	ND	99.3	43-135	6.87	27	
p,m-Xylene	4.94	0.0500	5.00	ND	98.8	43-135	7.73	27	
Total Xylenes	7.42	0.0250	7.50	ND	99.0	43-135	7.44	27	
Surrogate: Bromofluorobenzene	0.611		0.500		122	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.480		0.500		96.0	70-130			
Surrogate: Toluene-d8	0.541		0.500		108	70-130			



QC Summary Data

NTG-New Tech Global Environmental	Project Name:	Transfer Line Tarapin to Arabian	Reported:
911 Regional Park Dr.	Project Number:	01058-0007	
Houston TX, 77060	Project Manager:	Ethan Sessums	12/20/2023 5:00:45PM

Volatile Organic Compounds by EPA 8260B

Analyst: RAS

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

Blank (2350092-BLK1) Prepared: 12/14/23 Analyzed: 12/18/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.532		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.470		0.500		93.9	70-130			
Surrogate: Toluene-d8	0.530		0.500		106	70-130			

LCS (2350092-BS1) Prepared: 12/14/23 Analyzed: 12/18/23

Benzene	2.67	0.0250	2.50		107	70-130			
Ethylbenzene	2.58	0.0250	2.50		103	70-130			
Toluene	2.59	0.0250	2.50		104	70-130			
o-Xylene	2.55	0.0250	2.50		102	70-130			
p,m-Xylene	5.07	0.0500	5.00		101	70-130			
Total Xylenes	7.62	0.0250	7.50		102	70-130			
Surrogate: Bromofluorobenzene	0.535		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.468		0.500		93.5	70-130			
Surrogate: Toluene-d8	0.533		0.500		107	70-130			

Matrix Spike (2350092-MS1) Source: E312097-26 Prepared: 12/14/23 Analyzed: 12/18/23

Benzene	2.78	0.0250	2.50	ND	111	48-131			
Ethylbenzene	2.65	0.0250	2.50	ND	106	45-135			
Toluene	2.62	0.0250	2.50	ND	105	48-130			
o-Xylene	2.66	0.0250	2.50	ND	106	43-135			
p,m-Xylene	5.34	0.0500	5.00	ND	107	43-135			
Total Xylenes	8.00	0.0250	7.50	ND	107	43-135			
Surrogate: Bromofluorobenzene	0.530		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.4	70-130			
Surrogate: Toluene-d8	0.519		0.500		104	70-130			

Matrix Spike Dup (2350092-MSD1) Source: E312097-26 Prepared: 12/14/23 Analyzed: 12/18/23

Benzene	2.70	0.0250	2.50	ND	108	48-131	2.79	23	
Ethylbenzene	2.61	0.0250	2.50	ND	104	45-135	1.50	27	
Toluene	2.58	0.0250	2.50	ND	103	48-130	1.42	24	
o-Xylene	2.58	0.0250	2.50	ND	103	43-135	3.06	27	
p,m-Xylene	5.18	0.0500	5.00	ND	104	43-135	3.05	27	
Total Xylenes	7.76	0.0250	7.50	ND	103	43-135	3.05	27	
Surrogate: Bromofluorobenzene	0.539		0.500		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.488		0.500		97.5	70-130			
Surrogate: Toluene-d8	0.521		0.500		104	70-130			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Transfer Line Tarapin to Arabian Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported:  12/20/2023 5:00:45PM
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Volatile Organic Compounds by EPA 8260B

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2350095-BLK1) Prepared: 12/14/23 Analyzed: 12/19/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.496		0.500		99.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.518		0.500		104	70-130			
Surrogate: Toluene-d8	0.480		0.500		96.0	70-130			

LCS (2350095-BS1) Prepared: 12/14/23 Analyzed: 12/19/23

Benzene	2.41	0.0250	2.50		96.4	70-130			
Ethylbenzene	2.36	0.0250	2.50		94.4	70-130			
Toluene	2.34	0.0250	2.50		93.6	70-130			
o-Xylene	2.31	0.0250	2.50		92.5	70-130			
p,m-Xylene	4.54	0.0500	5.00		90.8	70-130			
Total Xylenes	6.85	0.0250	7.50		91.4	70-130			
Surrogate: Bromofluorobenzene	0.484		0.500		96.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.5	70-130			
Surrogate: Toluene-d8	0.484		0.500		96.7	70-130			

Matrix Spike (2350095-MS1) Source: E312097-46 Prepared: 12/14/23 Analyzed: 12/19/23

Benzene	2.47	0.0250	2.50	ND	99.0	48-131			
Ethylbenzene	2.41	0.0250	2.50	ND	96.3	45-135			
Toluene	2.37	0.0250	2.50	ND	94.9	48-130			
o-Xylene	2.40	0.0250	2.50	ND	96.0	43-135			
p,m-Xylene	4.70	0.0500	5.00	ND	93.9	43-135			
Total Xylenes	7.10	0.0250	7.50	ND	94.6	43-135			
Surrogate: Bromofluorobenzene	0.488		0.500		97.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.502		0.500		100	70-130			
Surrogate: Toluene-d8	0.478		0.500		95.5	70-130			

Matrix Spike Dup (2350095-MSD1) Source: E312097-46 Prepared: 12/14/23 Analyzed: 12/19/23

Benzene	2.48	0.0250	2.50	ND	99.3	48-131	0.282	23	
Ethylbenzene	2.45	0.0250	2.50	ND	97.8	45-135	1.59	27	
Toluene	2.41	0.0250	2.50	ND	96.3	48-130	1.51	24	
o-Xylene	2.46	0.0250	2.50	ND	98.4	43-135	2.47	27	
p,m-Xylene	4.83	0.0500	5.00	ND	96.6	43-135	2.75	27	
Total Xylenes	7.29	0.0250	7.50	ND	97.2	43-135	2.66	27	
Surrogate: Bromofluorobenzene	0.495		0.500		98.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.507		0.500		101	70-130			
Surrogate: Toluene-d8	0.484		0.500		96.8	70-130			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Transfer Line Tarapin to Arabian Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported:  12/20/2023 5:00:45PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2350091-BLK1) Prepared: 12/14/23 Analyzed: 12/19/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.597		0.500		119	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.476		0.500		95.1	70-130			
Surrogate: Toluene-d8	0.536		0.500		107	70-130			

LCS (2350091-BS2) Prepared: 12/14/23 Analyzed: 12/19/23

Gasoline Range Organics (C6-C10)	56.1	20.0	50.0		112	70-130			
Surrogate: Bromofluorobenzene	0.599		0.500		120	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.471		0.500		94.1	70-130			
Surrogate: Toluene-d8	0.551		0.500		110	70-130			

Matrix Spike (2350091-MS2) Source: E312097-09 Prepared: 12/14/23 Analyzed: 12/19/23

Gasoline Range Organics (C6-C10)	54.3	20.0	50.0	ND	109	70-130			
Surrogate: Bromofluorobenzene	0.610		0.500		122	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.470		0.500		94.0	70-130			
Surrogate: Toluene-d8	0.542		0.500		108	70-130			

Matrix Spike Dup (2350091-MSD2) Source: E312097-09 Prepared: 12/14/23 Analyzed: 12/19/23

Gasoline Range Organics (C6-C10)	54.5	20.0	50.0	ND	109	70-130	0.464	20	
Surrogate: Bromofluorobenzene	0.598		0.500		120	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.484		0.500		96.7	70-130			
Surrogate: Toluene-d8	0.548		0.500		110	70-130			





QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Transfer Line Tarapin to Arabian Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported:  12/20/2023 5:00:45PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2350092-BLK1) Prepared: 12/14/23 Analyzed: 12/18/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.532		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.470		0.500		93.9	70-130			
Surrogate: Toluene-d8	0.530		0.500		106	70-130			

LCS (2350092-BS2) Prepared: 12/14/23 Analyzed: 12/18/23

Gasoline Range Organics (C6-C10)	50.3	20.0	50.0		101	70-130			
Surrogate: Bromofluorobenzene	0.549		0.500		110	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.475		0.500		95.0	70-130			
Surrogate: Toluene-d8	0.535		0.500		107	70-130			

Matrix Spike (2350092-MS2) Source: E312097-26 Prepared: 12/14/23 Analyzed: 12/18/23

Gasoline Range Organics (C6-C10)	47.8	20.0	50.0	ND	95.5	70-130			
Surrogate: Bromofluorobenzene	0.536		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.477		0.500		95.3	70-130			
Surrogate: Toluene-d8	0.536		0.500		107	70-130			

Matrix Spike Dup (2350092-MSD2) Source: E312097-26 Prepared: 12/14/23 Analyzed: 12/18/23

Gasoline Range Organics (C6-C10)	46.7	20.0	50.0	ND	93.5	70-130	2.17	20	
Surrogate: Bromofluorobenzene	0.530		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.496		0.500		99.1	70-130			
Surrogate: Toluene-d8	0.536		0.500		107	70-130			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Transfer Line Tarapin to Arabian Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported:  12/20/2023 5:00:45PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2350095-BLK1) Prepared: 12/14/23 Analyzed: 12/19/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.496		0.500		99.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.518		0.500		104	70-130			
Surrogate: Toluene-d8	0.480		0.500		96.0	70-130			

LCS (2350095-BS2) Prepared: 12/14/23 Analyzed: 12/19/23

Gasoline Range Organics (C6-C10)	44.4	20.0	50.0		88.8	70-130			
Surrogate: Bromofluorobenzene	0.493		0.500		98.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.499		0.500		99.7	70-130			
Surrogate: Toluene-d8	0.482		0.500		96.3	70-130			

Matrix Spike (2350095-MS2) Source: E312097-46 Prepared: 12/14/23 Analyzed: 12/19/23

Gasoline Range Organics (C6-C10)	44.9	20.0	50.0	ND	89.9	70-130			
Surrogate: Bromofluorobenzene	0.496		0.500		99.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		99.9	70-130			
Surrogate: Toluene-d8	0.482		0.500		96.4	70-130			

Matrix Spike Dup (2350095-MSD2) Source: E312097-46 Prepared: 12/14/23 Analyzed: 12/19/23

Gasoline Range Organics (C6-C10)	43.0	20.0	50.0	ND	86.0	70-130	4.37	20	
Surrogate: Bromofluorobenzene	0.488		0.500		97.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.502		0.500		100	70-130			
Surrogate: Toluene-d8	0.480		0.500		95.9	70-130			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Transfer Line Tarapin to Arabian Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported:  12/20/2023 5:00:45PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2351005-BLK1) Prepared: 12/18/23 Analyzed: 12/19/23

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	43.6		50.0		87.2	50-200			

LCS (2351005-BS1) Prepared: 12/18/23 Analyzed: 12/19/23

Diesel Range Organics (C10-C28)	233	25.0	250		93.2	38-132			
Surrogate: n-Nonane	43.3		50.0		86.5	50-200			

Matrix Spike (2351005-MS1) Source: E312097-08 Prepared: 12/18/23 Analyzed: 12/19/23

Diesel Range Organics (C10-C28)	249	25.0	250	ND	99.7	38-132			
Surrogate: n-Nonane	45.7		50.0		91.3	50-200			

Matrix Spike Dup (2351005-MSD1) Source: E312097-08 Prepared: 12/18/23 Analyzed: 12/19/23

Diesel Range Organics (C10-C28)	236	25.0	250	ND	94.3	38-132	5.48	20	
Surrogate: n-Nonane	45.5		50.0		91.0	50-200			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Transfer Line Tarapin to Arabian Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported:  12/20/2023 5:00:45PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2351006-BLK1) Prepared: 12/18/23 Analyzed: 12/19/23

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	43.4		50.0		86.8	50-200			

LCS (2351006-BS1) Prepared: 12/18/23 Analyzed: 12/19/23

Diesel Range Organics (C10-C28)	260	25.0	250		104	38-132			
Surrogate: n-Nonane	45.0		50.0		89.9	50-200			

Matrix Spike (2351006-MS1) Source: E312097-25 Prepared: 12/18/23 Analyzed: 12/19/23

Diesel Range Organics (C10-C28)	256	25.0	250	ND	102	38-132			
Surrogate: n-Nonane	44.2		50.0		88.3	50-200			

Matrix Spike Dup (2351006-MSD1) Source: E312097-25 Prepared: 12/18/23 Analyzed: 12/19/23

Diesel Range Organics (C10-C28)	250	25.0	250	ND	100	38-132	2.47	20	
Surrogate: n-Nonane	42.9		50.0		85.8	50-200			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Transfer Line Tarapin to Arabian Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported:  12/20/2023 5:00:45PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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<b>Blank (2351007-BLK1)</b>					Prepared: 12/18/23 Analyzed: 12/20/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	42.9		50.0		85.8	50-200			

<b>LCS (2351007-BS1)</b>					Prepared: 12/18/23 Analyzed: 12/20/23				
Diesel Range Organics (C10-C28)	248	25.0	250		99.3	38-132			
Surrogate: n-Nonane	43.1		50.0		86.2	50-200			

<b>Matrix Spike (2351007-MS1)</b>					<b>Source: E312097-43</b>		Prepared: 12/18/23 Analyzed: 12/20/23		
Diesel Range Organics (C10-C28)	255	25.0	250	ND	102	38-132			
Surrogate: n-Nonane	44.2		50.0		88.5	50-200			

<b>Matrix Spike Dup (2351007-MSD1)</b>					<b>Source: E312097-43</b>		Prepared: 12/18/23 Analyzed: 12/20/23		
Diesel Range Organics (C10-C28)	261	25.0	250	ND	104	38-132	2.35	20	
Surrogate: n-Nonane	44.4		50.0		88.8	50-200			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Transfer Line Tarapin to Arabian Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported:  12/20/2023 5:00:45PM
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Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2351025-BLK1)					Prepared: 12/18/23 Analyzed: 12/19/23				
Chloride	ND	20.0							
LCS (2351025-BS1)					Prepared: 12/18/23 Analyzed: 12/19/23				
Chloride	249	20.0	250		99.7	90-110			
Matrix Spike (2351025-MS1)					Source: E312097-01		Prepared: 12/18/23 Analyzed: 12/19/23		
Chloride	258	20.0	250	ND	103	80-120			
Matrix Spike Dup (2351025-MSD1)					Source: E312097-01		Prepared: 12/18/23 Analyzed: 12/19/23		
Chloride	259	20.0	250	ND	103	80-120	0.359	20	



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Transfer Line Tarapin to Arabian Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported:  12/20/2023 5:00:45PM
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Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2351026-BLK1)					Prepared: 12/18/23 Analyzed: 12/19/23				
Chloride	ND	20.0							
LCS (2351026-BS1)					Prepared: 12/18/23 Analyzed: 12/19/23				
Chloride	249	20.0	250		99.5	90-110			
Matrix Spike (2351026-MS1)					Source: E312097-21		Prepared: 12/18/23 Analyzed: 12/19/23		
Chloride	291	20.0	250	40.3	100	80-120			
Matrix Spike Dup (2351026-MSD1)					Source: E312097-21		Prepared: 12/18/23 Analyzed: 12/19/23		
Chloride	294	20.0	250	40.3	102	80-120	1.10	20	





QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Transfer Line Tarapin to Arabian Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported:  12/20/2023 5:00:45PM
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Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2351027-BLK1)					Prepared: 12/18/23 Analyzed: 12/19/23				
Chloride	ND	20.0							
LCS (2351027-BS1)					Prepared: 12/18/23 Analyzed: 12/19/23				
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2351027-MS1)					Source: E312097-43		Prepared: 12/18/23 Analyzed: 12/19/23		
Chloride	250	20.0	250	ND	100	80-120			
Matrix Spike Dup (2351027-MSD1)					Source: E312097-43		Prepared: 12/18/23 Analyzed: 12/19/23		
Chloride	246	20.0	250	ND	98.5	80-120	1.54	20	

QC Summary Report Comment:  
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.  
Therefore, hand calculated values may differ slightly.



Definitions and Notes

NTG-New Tech Global Environmental	Project Name:	Transfer Line Tarapin to Arabian	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	12/20/23 17:00

- ND      Analyte NOT DETECTED at or above the reporting limit
- NR      Not Reported
- RPD      Relative Percent Difference
- DNI      Did Not Ignite
- DNR      Did not react with the addition of acid or base.
- Note (1): Methods marked with \*\* are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Work Order No: E312097  
Job# 01058-0007

Page 1 of 6










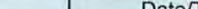











Project Manager:	Ethan Sessums	Bill to: (if different)	Dale Woodall
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	<a href="mailto:esessums@ntgglobal.com">esessums@ntgglobal.com</a>

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

[illegible]

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

Relinquished by: (Signature)		Received by: (Signature)		Date/Time		Relinquished by: (Signature)		Received by: (Signature)		Date/Time	
1											
3											
5											





## Chain of Custody

Work Order No: E312097  
Job # 01058-0007Page 2 of 6

Project Manager:	Ethan Sessums	Bill to: (if different)	Dale Woodall
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

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

Project Name:		Transfer Line Tarapin to Arabian		Turn Around		Pres. Code		ANALYSIS REQUEST																Preservative Codes					
Project Number:				<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush																				None: NO DI Water: H <sub>2</sub> O					
Project Location:		Eddy, County NM		Due Date:																				Cool: Cool MeOH: Me					
Sampler's Name:		Clayton T., Kenny H., Jillian S.		TAT starts the day received by the lab, if received by 4:30pm																				HCL: HC HNO <sub>3</sub> : HN					
PO #:		21201180																						H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na					
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No		Parameters		HOLD																	
Received Intact:		Yes No		N/A		Thermometer ID:				BTEX 8021B																		H <sub>3</sub> PO <sub>4</sub> : HP	
Cooler Custody Seals:		Yes No		N/A		Correction Factor:				TPH 8015M (GRO + DRO + MRO)																		NaHSO <sub>4</sub> : NABIS	
Sample Custody Seals:		Yes No		N/A		Temperature Reading:				Chloride 4500																		Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>	
Total Containers:		59		Corrected Temperature:																								Zn Acetate+NaOH: Zn	
																												NaOH+Ascorbic Acid: SAPC	
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont																	Sample Comments					
V-9	3-3.5'	12/13/2023		X		Grab	1	X	X	X															11				
V-9	4-4.5'	12/13/2023		X		Grab	1	X	X	X															12				
V-10	0-6"	12/13/2023		X		Grab	1	X	X	X															13				
V-10	1-1.5'	12/13/2023		X		Grab	1	X	X	X															14				
V-10	2-2.5'	12/13/2023		X		Grab	1	X	X	X															15				
V-10	3-3.5'	12/13/2023		X		Grab	1	X	X	X															16				
V-11	0-6"	12/13/2023		X		Grab	1	X	X	X															17				
V-11	1-1.5'	12/13/2023		X		Grab	1	X	X	X															18				
V-11	2-2.5'	12/13/2023		X		Grab	1	X	X	X															19				
V-12	0-6"	12/13/2023		X		Grab	1	X	X	X															20				

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		12/13/23 1350			12/13/23 1630





## Chain of Custody

Work Order No: E312097  
 Job # 01058-0007

Page 3 of 6

Project Manager:	Ethan Sessums	Bill to: (if different)	Dale Woodall
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntgglobal.com

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

Project Name:		Transfer Line Tarapin to Arabian		Turn Around		Pres. Code		ANALYSIS REQUEST												Preservative Codes									
Project Number:				<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush																None: NO DI Water: H <sub>2</sub> O									
Project Location		Eddy, County NM		Due Date:																Cool: Cool MeOH: Me									
Sampler's Name:		Clayton T., Kenny H., Jillian S.		TAT starts the day received by the lab, if received by 4:30pm																HCL: HC HNO <sub>3</sub> : HN									
PO #:		21201180																		H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na									
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No														H <sub>3</sub> PO <sub>4</sub> : HP							
Received Intact:		Yes No		Thermometer ID:																NaHSO <sub>4</sub> : NABIS									
Cooler Custody Seals:		Yes No N/A		Correction Factor:																Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>									
Sample Custody Seals:		Yes No N/A		Temperature Reading:																Zn Acetate+NaOH: Zn									
Total Containers:		59		Corrected Temperature:																NaOH+Ascorbic Acid: SAPC									
Sample Identification		Depth (ft bgs)		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
V-12		1-1.5'		12/13/2023				X				Grab		1		X X X												21	
V-12		2-2.5'		12/13/2023				X				Grab		1		X X X												22	
V-12		3-3.5'		12/13/2023				X				Grab		1		X X X												23	
V-12		4-4.5'		12/13/2023				X				Grab		1		X X X												24	
V-13		0-6"		12/13/2023				X				Grab		1		X X X												25	
V-13		1-1.5'		12/13/2023				X				Grab		1		X X X												26	
V-13		2-2.5'		12/13/2023				X				Grab		1		X X X												27	
V-13		3-3.5'		12/13/2023				X				Grab		1		X X X												28	
V-13		4-4.5'		12/13/2023				X				Grab		1		X X X												29	
V-14		0-6"		12/13/2023				X				Grab		1		X X X												30	

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		12/13/23 1350			12/13/23 1430
		12/13/23 2120			





## Chain of Custody

Work Order No: E312097  
Job # 01058-0007

Page 4 of 6

Project Manager:	Ethan Sessums	Bill to: (if different)	Dale Woodall
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

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

Project Name:		Transfer Line Tarapin to Arabian		Turn Around		Pres. Code		ANALYSIS REQUEST												Preservative Codes					
Project Number:				<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush																None: NO DI Water: H <sub>2</sub> O					
Project Location:		Eddy, County NM		Due Date:																Cool: Cool MeOH: Me					
Sampler's Name:		Clayton T., Kenny H., Jillian S.		TAT starts the day received by the lab, if received by 4:30pm																HCL: HC HNO <sub>3</sub> : HN					
PO #:		21201180																		H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na					
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No		Parameters		HOLD												Sample Comments	
Received Intact:		Yes No		N/A		Thermometer ID:				BTEX 8021B														H <sub>3</sub> PO <sub>4</sub> : HP	
Cooler Custody Seals:		Yes No		N/A		Correction Factor:				TPH 8015M (GRO + DRO + MRO)														NaHSO <sub>4</sub> : NABIS	
Sample Custody Seals:		Yes No		N/A		Temperature Reading:				Chloride 4500														Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>	
Total Containers:		59				Corrected Temperature:																		Zn Acetate+NaOH: Zn	
																								NaOH+Ascorbic Acid: SAPC	
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont																		
V-14	1-1.5'	12/13/2023		X		Grab	1	X	X	X													31		
V-14	2-2.5'	12/13/2023		X		Grab	1	X	X	X													32		
V-14	3-3.5'	12/13/2023		X		Grab	1	X	X	X													33		
V-14	4-4.5'	12/13/2023		X		Grab	1	X	X	X													34		
V-15	0-6"	12/13/2023		X		Grab	1	X	X	X													35		
V-15	1-1.5'	12/13/2023		X		Grab	1	X	X	X													36		
V-16	0-6"	12/13/2023		X		Grab	1	X	X	X													37		
V-16	1-1.5'	12/13/2023		X		Grab	1	X	X	X													38		
V-16	2-2.5'	12/13/2023		X		Grab	1	X	X	X													39		
V-16	3-3.5'	12/13/2023		X		Grab	1	X	X	X													40		

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		12/13/23 1350	2		12/13/23 1630
3		12/14/23 830	4		
5			6		





## Chain of Custody

Work Order No: E312097  
Job# 01058-0007Page 5 of 6

Project Manager:	Ethan Sessums	Bill to: (if different)	Dale Woodall
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

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

Project Name:		Transfer Line Tarapin to Arabian		Turn Around		Pres. Code		ANALYSIS REQUEST																Preservative Codes					
Project Number:				<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush																				None: NO DI Water: H <sub>2</sub> O					
Project Location:		Eddy, County NM		Due Date:																				Cool: Cool MeOH: Me					
Sampler's Name:		Clayton T., Kenny H., Jillian S.		TAT starts the day received by the lab, if received by 4:30pm																				HCL: HC HNO <sub>3</sub> : HN					
PO #:		21201180																						H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na					
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No		Parameters		HOLD																Sample Comments	
Received Intact:		Yes No		Thermometer ID:						BTEX 8021B																		H <sub>3</sub> PO <sub>4</sub> : HP	
Cooler Custody Seals:		Yes No N/A		Correction Factor:						TPH 8015M (GRO + DRO + MRO)																		NaHSO <sub>4</sub> : NABIS	
Sample Custody Seals:		Yes No N/A		Temperature Reading:						Chloride 4500																		Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>	
Total Containers:		59		Corrected Temperature:																								Zn Acetate+NaOH: Zn	
																												NaOH+Ascorbic Acid: SAPC	
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont																						
V-16	4-4.5'	12/13/2023		X		Grab	1	X	X	X																	41		
V-17	0-6"	12/13/2023		X		Grab	1	X	X	X																	42		
V-17	1-1.5'	12/13/2023		X		Grab	1	X	X	X																	43		
V-17	2-2.5'	12/13/2023		X		Grab	1	X	X	X																	44		
V-17	3-3.5'	12/13/2023		X		Grab	1	X	X	X																	45		
V-17	4-4.5'	12/13/2023		X		Grab	1	X	X	X																	46		
V-18	0-6"	12/13/2023		X		Grab	1	X	X	X																	47		
V-18	1-1.5'	12/13/2023		X		Grab	1	X	X	X																	48		
V-18	2-2.5'	12/13/2023		X		Grab	1	X	X	X																	49		
V-18	3-3.5'	12/13/2023		X		Grab	1	X	X	X																	50		

## Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		12/13/23/350			12/13/23/430



## Chain of Custody



Work Order No: E312097  
 Job# 01658-0007

Page 6 of 6

Project Manager:	Ethan Sessums	Bill to: (if different)	Dale Woodall
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

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

Project Name:		Transfer Line Tarapin to Arabian		Turn Around				ANALYSIS REQUEST												Preservative Codes									
Project Number:				<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush		Pres. Code														None: NO DI Water: H <sub>2</sub> O									
Project Location		Eddy, County NM		Due Date:																Cool: Cool MeOH: Me									
Sampler's Name:		Clayton T., Kenny H., Jillian S.		TAT starts the day received by the lab, if received by 4:30pm																HCL: HC HNO <sub>3</sub> : HN									
PO #:		21201180																		H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na									
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No														H <sub>3</sub> PO <sub>4</sub> : HP							
Received Intact:		Yes No		Thermometer ID:																NaHSO <sub>4</sub> : NABIS									
Cooler Custody Seals:		Yes No N/A		Correction Factor:																Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>									
Sample Custody Seals:		Yes No N/A		Temperature Reading:																Zn Acetate+NaOH: Zn									
Total Containers:		59		Corrected Temperature:																NaOH+Ascorbic Acid: SAPC									
Sample Identification		Depth (ft bgs)		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
V-18		4-4.5'		12/13/2023				X				Grab		1		X X X												51	
V-19		0-6"		12/13/2023				X				Grab		1		X X X												52	
V-19		1-1.5'		12/13/2023				X				Grab		1		X X X												53	
V-19		2-2.5'		12/13/2023				X				Grab		1		X X X												54	
V-19		3-3.5'		12/13/2023				X				Grab		1		X X X												55	
V-19		4-4.5'		12/13/2023				X				Grab		1		X X X												56	
V-20		0-6"		12/13/2023				X				Grab		1		X X X												57	
V-20		1-1.5'		12/13/2023				X				Grab		1		X X X												58	
V-20		2-2.5'		12/13/2023				X				Grab		1		X X X												59	
				12/13/2023				X				Grab		1		X X X												60	

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		12/13/23 1350			12/13/23 1650
		12/14/23 830			

## Envirotech Analytical Laboratory

Printed: 12/14/2023 9:38:32AM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	NTG-New Tech Global Environmental	Date Received:	12/14/23 08:30	Work Order ID:	E312097
Phone:	(281) 872-9300	Date Logged In:	12/14/23 09:06	Logged In By:	Alexa Michaels
Email:	esssums@ntglobal.com	Due Date:	12/20/23 17:00 (4 day TAT)		

**Chain of Custody (COC)**

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: Courier**Comments/Resolution**

Time sampled is not documented on the COC by client.  
SRC email not sent per client request.

**Sample Turn Around Time (TAT)**

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

**Sample Cooler**

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

**Sample Container**

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

**Field Label**

20. Were field sample labels filled out with the minimum information:
  - Sample ID? Yes
  - Date/Time Collected? Yes
  - Collectors name? Yes

**Sample Preservation**

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

**Multiphase Sample Matrix**

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

**Subcontract Laboratory**

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

**Client Instruction**

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

Date



envirotech Inc.



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

December 22, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: DVN TL TERRAPIN TO ARABIAN

Enclosed are the results of analyses for samples received by the laboratory on 12/20/23 10:21.

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](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

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: 12/20/2023  
 Reported: 12/22/2023  
 Project Name: DVN TL TERRAPIN TO ARABIAN  
 Project Number: NONE GIVEN  
 Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 12/19/2023  
 Sampling Type: Solid  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 1 0-6" (H236774-01)**

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	12/21/2023	ND	2.09	105	2.00	0.180		
Toluene*	<0.050	0.050	12/21/2023	ND	2.19	110	2.00	0.172		
Ethylbenzene*	<0.050	0.050	12/21/2023	ND	2.21	111	2.00	0.384		
Total Xylenes*	<0.150	0.150	12/21/2023	ND	6.68	111	6.00	0.227		
Total BTX	<0.300	0.300	12/21/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 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	12/22/2023	ND	400	100	400	3.92	

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	12/21/2023	ND	193	96.4	200	5.71	
DRO >C10-C28*	<10.0	10.0	12/21/2023	ND	194	97.1	200	10.5	
EXT DRO >C28-C36	<10.0	10.0	12/21/2023	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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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: 12/20/2023  
 Reported: 12/22/2023  
 Project Name: DVN TL TERRAPIN TO ARABIAN  
 Project Number: NONE GIVEN  
 Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 12/19/2023  
 Sampling Type: Solid  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 1 1-1.5 (H236774-02)**

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	12/21/2023	ND	2.09	105	2.00	0.180	
Toluene*	<0.050	0.050	12/21/2023	ND	2.19	110	2.00	0.172	
Ethylbenzene*	<0.050	0.050	12/21/2023	ND	2.21	111	2.00	0.384	
Total Xylenes*	<0.150	0.150	12/21/2023	ND	6.68	111	6.00	0.227	
Total BTX	<0.300	0.300	12/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 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	12/22/2023	ND	400	100	400	3.92	

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	12/21/2023	ND	193	96.4	200	5.71	
DRO >C10-C28*	<10.0	10.0	12/21/2023	ND	194	97.1	200	10.5	
EXT DRO >C28-C36	<10.0	10.0	12/21/2023	ND					

Surrogate: 1-Chlorooctane 130 % 48.2-134

Surrogate: 1-Chlorooctadecane 144 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 12/20/2023  
 Reported: 12/22/2023  
 Project Name: DVN TL TERRAPIN TO ARABIAN  
 Project Number: NONE GIVEN  
 Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 12/19/2023  
 Sampling Type: Solid  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 1 2-2.5 (H236774-03)**

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	12/21/2023	ND	2.09	105	2.00	0.180	
Toluene*	<0.050	0.050	12/21/2023	ND	2.19	110	2.00	0.172	
Ethylbenzene*	<0.050	0.050	12/21/2023	ND	2.21	111	2.00	0.384	
Total Xylenes*	<0.150	0.150	12/21/2023	ND	6.68	111	6.00	0.227	
Total BTX	<0.300	0.300	12/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 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	336	16.0	12/22/2023	ND	400	100	400	3.92	

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	12/21/2023	ND	193	96.4	200	5.71	
DRO >C10-C28*	<10.0	10.0	12/21/2023	ND	194	97.1	200	10.5	
EXT DRO >C28-C36	<10.0	10.0	12/21/2023	ND					

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 133 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 12/20/2023  
 Reported: 12/22/2023  
 Project Name: DVN TL TERRAPIN TO ARABIAN  
 Project Number: NONE GIVEN  
 Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 12/19/2023  
 Sampling Type: Solid  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 1 3-3.5 (H236774-04)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/21/2023	ND	2.09	105	2.00	0.180	
Toluene*	<0.050	0.050	12/21/2023	ND	2.19	110	2.00	0.172	
Ethylbenzene*	<0.050	0.050	12/21/2023	ND	2.21	111	2.00	0.384	
Total Xylenes*	<0.150	0.150	12/21/2023	ND	6.68	111	6.00	0.227	
Total BTEX	<0.300	0.300	12/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 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	12/22/2023	ND	400	100	400	3.92	

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	12/21/2023	ND	229	114	200	0.472	
DRO >C10-C28*	<10.0	10.0	12/21/2023	ND	225	112	200	4.50	
EXT DRO >C28-C36	<10.0	10.0	12/21/2023	ND					

Surrogate: 1-Chlorooctane 97.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.7 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 12/20/2023  
 Reported: 12/22/2023  
 Project Name: DVN TL TERRAPIN TO ARABIAN  
 Project Number: NONE GIVEN  
 Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 12/19/2023  
 Sampling Type: Solid  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 2 0-6" (H236774-05)**

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	12/21/2023	ND	2.09	105	2.00	0.180		
Toluene*	<0.050	0.050	12/21/2023	ND	2.19	110	2.00	0.172		
Ethylbenzene*	<0.050	0.050	12/21/2023	ND	2.21	111	2.00	0.384		
Total Xylenes*	<0.150	0.150	12/21/2023	ND	6.68	111	6.00	0.227		
Total BTEX	<0.300	0.300	12/21/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	12/22/2023	ND	400	100	400	3.92		

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	12/21/2023	ND	229	114	200	0.472	
DRO >C10-C28*	<10.0	10.0	12/21/2023	ND	225	112	200	4.50	
EXT DRO >C28-C36	<10.0	10.0	12/21/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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\*=Accredited Analyte

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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: 12/20/2023  
 Reported: 12/22/2023  
 Project Name: DVN TL TERRAPIN TO ARABIAN  
 Project Number: NONE GIVEN  
 Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 12/19/2023  
 Sampling Type: Solid  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 2 1-1.5 (H236774-06)**

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	12/21/2023	ND	2.09	105	2.00	0.180		
Toluene*	<0.050	0.050	12/21/2023	ND	2.19	110	2.00	0.172		
Ethylbenzene*	<0.050	0.050	12/21/2023	ND	2.21	111	2.00	0.384		
Total Xylenes*	<0.150	0.150	12/21/2023	ND	6.68	111	6.00	0.227		
Total BTEX	<0.300	0.300	12/21/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 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	12/22/2023	ND	400	100	400	3.92		

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	12/21/2023	ND	229	114	200	0.472	
DRO >C10-C28*	<10.0	10.0	12/21/2023	ND	225	112	200	4.50	
EXT DRO >C28-C36	<10.0	10.0	12/21/2023	ND					

Surrogate: 1-Chlorooctane 89.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.4 % 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: 12/20/2023  
 Reported: 12/22/2023  
 Project Name: DVN TL TERRAPIN TO ARABIAN  
 Project Number: NONE GIVEN  
 Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 12/19/2023  
 Sampling Type: Solid  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 2 2-2.5 (H236774-07)**

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	12/21/2023	ND	2.28	114	2.00	1.81		
Toluene*	<0.050	0.050	12/21/2023	ND	2.31	116	2.00	1.76		
Ethylbenzene*	<0.050	0.050	12/21/2023	ND	2.31	116	2.00	1.84		
Total Xylenes*	<0.150	0.150	12/21/2023	ND	6.94	116	6.00	2.34		
Total BTEX	<0.300	0.300	12/21/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	12/22/2023	ND	400	100	400	3.92		

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	12/21/2023	ND	229	114	200	0.472	
DRO >C10-C28*	<10.0	10.0	12/21/2023	ND	225	112	200	4.50	
EXT DRO >C28-C36	<10.0	10.0	12/21/2023	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 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: 12/20/2023  
 Reported: 12/22/2023  
 Project Name: DVN TL TERRAPIN TO ARABIAN  
 Project Number: NONE GIVEN  
 Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 12/19/2023  
 Sampling Type: Solid  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 3 0-6" (H236774-08)**

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	12/21/2023	ND	2.28	114	2.00	1.81		
Toluene*	<0.050	0.050	12/21/2023	ND	2.31	116	2.00	1.76		
Ethylbenzene*	<0.050	0.050	12/21/2023	ND	2.31	116	2.00	1.84		
Total Xylenes*	<0.150	0.150	12/21/2023	ND	6.94	116	6.00	2.34		
Total BTEX	<0.300	0.300	12/21/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/22/2023	ND	400	100	400	3.92		

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	12/21/2023	ND	229	114	200	0.472	
DRO >C10-C28*	<10.0	10.0	12/21/2023	ND	225	112	200	4.50	
EXT DRO >C28-C36	<10.0	10.0	12/21/2023	ND					

Surrogate: 1-Chlorooctane 106 % 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: 12/20/2023  
 Reported: 12/22/2023  
 Project Name: DVN TL TERRAPIN TO ARABIAN  
 Project Number: NONE GIVEN  
 Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 12/19/2023  
 Sampling Type: Solid  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 3 1-1.5 (H236774-09)**

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	12/21/2023	ND	2.28	114	2.00	1.81		
Toluene*	<0.050	0.050	12/21/2023	ND	2.31	116	2.00	1.76		
Ethylbenzene*	<0.050	0.050	12/21/2023	ND	2.31	116	2.00	1.84		
Total Xylenes*	<0.150	0.150	12/21/2023	ND	6.94	116	6.00	2.34		
Total BTEx	<0.300	0.300	12/21/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	12/22/2023	ND	400	100	400	3.92		

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	12/21/2023	ND	229	114	200	0.472	
DRO >C10-C28*	<10.0	10.0	12/21/2023	ND	225	112	200	4.50	
EXT DRO >C28-C36	<10.0	10.0	12/21/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.7 % 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: 12/20/2023  
 Reported: 12/22/2023  
 Project Name: DVN TL TERRAPIN TO ARABIAN  
 Project Number: NONE GIVEN  
 Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 12/19/2023  
 Sampling Type: Solid  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 3 2-2.5 (H236774-10)**

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	12/21/2023	ND	2.28	114	2.00	1.81		
Toluene*	<0.050	0.050	12/21/2023	ND	2.31	116	2.00	1.76		
Ethylbenzene*	<0.050	0.050	12/21/2023	ND	2.31	116	2.00	1.84		
Total Xylenes*	<0.150	0.150	12/21/2023	ND	6.94	116	6.00	2.34		
Total BTEX	<0.300	0.300	12/21/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	12/22/2023	ND	400	100	400	3.92		

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	12/21/2023	ND	229	114	200	0.472	
DRO >C10-C28*	<10.0	10.0	12/21/2023	ND	225	112	200	4.50	
EXT DRO >C28-C36	<10.0	10.0	12/21/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.1 % 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: 12/20/2023  
 Reported: 12/22/2023  
 Project Name: DVN TL TERRAPIN TO ARABIAN  
 Project Number: NONE GIVEN  
 Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 12/19/2023  
 Sampling Type: Solid  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 3 3-3.5 (H236774-11)**

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	12/21/2023	ND	2.28	114	2.00	1.81	
Toluene*	<0.050	0.050	12/21/2023	ND	2.31	116	2.00	1.76	
Ethylbenzene*	<0.050	0.050	12/21/2023	ND	2.31	116	2.00	1.84	
Total Xylenes*	<0.150	0.150	12/21/2023	ND	6.94	116	6.00	2.34	
Total BTEX	<0.300	0.300	12/21/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	12/22/2023	ND	400	100	400	3.92	

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	12/21/2023	ND	229	114	200	0.472	
DRO >C10-C28*	<10.0	10.0	12/21/2023	ND	225	112	200	4.50	
EXT DRO >C28-C36	<10.0	10.0	12/21/2023	ND					

Surrogate: 1-Chlorooctane 102 % 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: 12/20/2023  
 Reported: 12/22/2023  
 Project Name: DVN TL TERRAPIN TO ARABIAN  
 Project Number: NONE GIVEN  
 Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 12/19/2023  
 Sampling Type: Solid  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 3 4-4.5 (H236774-12)**

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	12/21/2023	ND	2.28	114	2.00	1.81		
Toluene*	<0.050	0.050	12/21/2023	ND	2.31	116	2.00	1.76		
Ethylbenzene*	<0.050	0.050	12/21/2023	ND	2.31	116	2.00	1.84		
Total Xylenes*	<0.150	0.150	12/21/2023	ND	6.94	116	6.00	2.34		
Total BTEX	<0.300	0.300	12/21/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	12/22/2023	ND	400	100	400	3.92		

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	12/21/2023	ND	229	114	200	0.472	
DRO >C10-C28*	<10.0	10.0	12/21/2023	ND	225	112	200	4.50	
EXT DRO >C28-C36	<10.0	10.0	12/21/2023	ND					

Surrogate: 1-Chlorooctane 97.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.4 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 12/20/2023  
 Reported: 12/22/2023  
 Project Name: DVN TL TERRAPIN TO ARABIAN  
 Project Number: NONE GIVEN  
 Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 12/19/2023  
 Sampling Type: Solid  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 4 0-6" (H236774-13)**

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	12/21/2023	ND	2.28	114	2.00	1.81		
Toluene*	<0.050	0.050	12/21/2023	ND	2.31	116	2.00	1.76		
Ethylbenzene*	<0.050	0.050	12/21/2023	ND	2.31	116	2.00	1.84		
Total Xylenes*	<0.150	0.150	12/21/2023	ND	6.94	116	6.00	2.34		
Total BTEX	<0.300	0.300	12/21/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	384	16.0	12/22/2023	ND	400	100	400	3.92		

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	12/21/2023	ND	229	114	200	0.472	
DRO >C10-C28*	<10.0	10.0	12/21/2023	ND	225	112	200	4.50	
EXT DRO >C28-C36	<10.0	10.0	12/21/2023	ND					

Surrogate: 1-Chlorooctane 85.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.7 % 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: 12/20/2023  
 Reported: 12/22/2023  
 Project Name: DVN TL TERRAPIN TO ARABIAN  
 Project Number: NONE GIVEN  
 Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 12/19/2023  
 Sampling Type: Solid  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 4 1-1.5 (H236774-14)**

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	12/21/2023	ND	2.28	114	2.00	1.81		
Toluene*	<0.050	0.050	12/21/2023	ND	2.31	116	2.00	1.76		
Ethylbenzene*	<0.050	0.050	12/21/2023	ND	2.31	116	2.00	1.84		
Total Xylenes*	<0.150	0.150	12/21/2023	ND	6.94	116	6.00	2.34		
Total BTEX	<0.300	0.300	12/21/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	12/22/2023	ND	400	100	400	3.92		

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	12/21/2023	ND	229	114	200	0.472	
DRO >C10-C28*	<10.0	10.0	12/21/2023	ND	225	112	200	4.50	
EXT DRO >C28-C36	<10.0	10.0	12/21/2023	ND					

Surrogate: 1-Chlorooctane 95.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.4 % 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: 12/20/2023  
 Reported: 12/22/2023  
 Project Name: DVN TL TERRAPIN TO ARABIAN  
 Project Number: NONE GIVEN  
 Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 12/19/2023  
 Sampling Type: Solid  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 4 2-2.5 (H236774-15)**

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	12/21/2023	ND	2.28	114	2.00	1.81		
Toluene*	<0.050	0.050	12/21/2023	ND	2.31	116	2.00	1.76		
Ethylbenzene*	<0.050	0.050	12/21/2023	ND	2.31	116	2.00	1.84		
Total Xylenes*	<0.150	0.150	12/21/2023	ND	6.94	116	6.00	2.34		
Total BTEX	<0.300	0.300	12/21/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	12/22/2023	ND	400	100	400	3.92		

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	12/21/2023	ND	229	114	200	0.472	
DRO >C10-C28*	<10.0	10.0	12/21/2023	ND	225	112	200	4.50	
EXT DRO >C28-C36	<10.0	10.0	12/21/2023	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 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: 12/20/2023  
 Reported: 12/22/2023  
 Project Name: DVN TL TERRAPIN TO ARABIAN  
 Project Number: NONE GIVEN  
 Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 12/19/2023  
 Sampling Type: Solid  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 4 3-3.5 (H236774-16)**

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	12/21/2023	ND	2.28	114	2.00	1.81		
Toluene*	<0.050	0.050	12/21/2023	ND	2.31	116	2.00	1.76		
Ethylbenzene*	<0.050	0.050	12/21/2023	ND	2.31	116	2.00	1.84		
Total Xylenes*	<0.150	0.150	12/21/2023	ND	6.94	116	6.00	2.34		
Total BTEX	<0.300	0.300	12/21/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	12/22/2023	ND	400	100	400	3.92		

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	12/21/2023	ND	229	114	200	0.472	
DRO >C10-C28*	<10.0	10.0	12/21/2023	ND	225	112	200	4.50	
EXT DRO >C28-C36	<10.0	10.0	12/21/2023	ND					

Surrogate: 1-Chlorooctane 86.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.4 % 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: 12/20/2023  
 Reported: 12/22/2023  
 Project Name: DVN TL TERRAPIN TO ARABIAN  
 Project Number: NONE GIVEN  
 Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 12/19/2023  
 Sampling Type: Solid  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 5 0-6" (H236774-17)**

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	12/21/2023	ND	2.28	114	2.00	1.81		
Toluene*	<0.050	0.050	12/21/2023	ND	2.31	116	2.00	1.76		
Ethylbenzene*	<0.050	0.050	12/21/2023	ND	2.31	116	2.00	1.84		
Total Xylenes*	<0.150	0.150	12/21/2023	ND	6.94	116	6.00	2.34		
Total BTEX	<0.300	0.300	12/21/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	64.0	16.0	12/22/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2023	ND	229	114	200	0.472	
DRO >C10-C28*	<10.0	10.0	12/21/2023	ND	225	112	200	4.50	
EXT DRO >C28-C36	<10.0	10.0	12/21/2023	ND					

Surrogate: 1-Chlorooctane 85.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.3 % 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: 12/20/2023  
 Reported: 12/22/2023  
 Project Name: DVN TL TERRAPIN TO ARABIAN  
 Project Number: NONE GIVEN  
 Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 12/19/2023  
 Sampling Type: Solid  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 5 1-1.5 (H236774-18)**

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	12/21/2023	ND	2.28	114	2.00	1.81		
Toluene*	<0.050	0.050	12/21/2023	ND	2.31	116	2.00	1.76		
Ethylbenzene*	<0.050	0.050	12/21/2023	ND	2.31	116	2.00	1.84		
Total Xylenes*	<0.150	0.150	12/21/2023	ND	6.94	116	6.00	2.34		
Total BTEX	<0.300	0.300	12/21/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	32.0	16.0	12/22/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2023	ND	229	114	200	0.472	
DRO >C10-C28*	<10.0	10.0	12/21/2023	ND	225	112	200	4.50	
EXT DRO >C28-C36	<10.0	10.0	12/21/2023	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 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: 12/20/2023  
 Reported: 12/22/2023  
 Project Name: DVN TL TERRAPIN TO ARABIAN  
 Project Number: NONE GIVEN  
 Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 12/19/2023  
 Sampling Type: Solid  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 5 2-2.5 (H236774-19)**

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	12/21/2023	ND	2.28	114	2.00	1.81	
Toluene*	<0.050	0.050	12/21/2023	ND	2.31	116	2.00	1.76	
Ethylbenzene*	<0.050	0.050	12/21/2023	ND	2.31	116	2.00	1.84	
Total Xylenes*	<0.150	0.150	12/21/2023	ND	6.94	116	6.00	2.34	
Total BTEX	<0.300	0.300	12/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	12/22/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2023	ND	229	114	200	0.472	
DRO >C10-C28*	<10.0	10.0	12/21/2023	ND	225	112	200	4.50	
EXT DRO >C28-C36	<10.0	10.0	12/21/2023	ND					

Surrogate: 1-Chlorooctane 105 % 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: 12/20/2023  
 Reported: 12/22/2023  
 Project Name: DVN TL TERRAPIN TO ARABIAN  
 Project Number: NONE GIVEN  
 Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 12/19/2023  
 Sampling Type: Solid  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 5 3-3.5 (H236774-20)**

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	12/21/2023	ND	2.28	114	2.00	1.81	
Toluene*	<0.050	0.050	12/21/2023	ND	2.31	116	2.00	1.76	
Ethylbenzene*	<0.050	0.050	12/21/2023	ND	2.31	116	2.00	1.84	
Total Xylenes*	<0.150	0.150	12/21/2023	ND	6.94	116	6.00	2.34	
Total BTEX	<0.300	0.300	12/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	12/22/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2023	ND	229	114	200	0.472	
DRO >C10-C28*	<10.0	10.0	12/21/2023	ND	225	112	200	4.50	
EXT DRO >C28-C36	<10.0	10.0	12/21/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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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: 12/20/2023  
 Reported: 12/22/2023  
 Project Name: DVN TL TERRAPIN TO ARABIAN  
 Project Number: NONE GIVEN  
 Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 12/19/2023  
 Sampling Type: Solid  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 5 4-4.5 (H236774-21)**

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	12/21/2023	ND	2.28	114	2.00	1.81		
Toluene*	<0.050	0.050	12/21/2023	ND	2.31	116	2.00	1.76		
Ethylbenzene*	<0.050	0.050	12/21/2023	ND	2.31	116	2.00	1.84		
Total Xylenes*	<0.150	0.150	12/21/2023	ND	6.94	116	6.00	2.34		
Total BTEX	<0.300	0.300	12/21/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	352	16.0	12/22/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2023	ND	229	114	200	0.472	
DRO >C10-C28*	<10.0	10.0	12/21/2023	ND	225	112	200	4.50	
EXT DRO >C28-C36	<10.0	10.0	12/21/2023	ND					

Surrogate: 1-Chlorooctane 88.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.9 % 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: 12/20/2023  
 Reported: 12/22/2023  
 Project Name: DVN TL TERRAPIN TO ARABIAN  
 Project Number: NONE GIVEN  
 Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 12/19/2023  
 Sampling Type: Solid  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 6 0-6" (H236774-22)**

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	12/21/2023	ND	2.28	114	2.00	1.81		
Toluene*	<0.050	0.050	12/21/2023	ND	2.31	116	2.00	1.76		
Ethylbenzene*	<0.050	0.050	12/21/2023	ND	2.31	116	2.00	1.84		
Total Xylenes*	<0.150	0.150	12/21/2023	ND	6.94	116	6.00	2.34		
Total BTEX	<0.300	0.300	12/21/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	32.0	16.0	12/22/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2023	ND	229	114	200	0.472	
DRO >C10-C28*	<10.0	10.0	12/21/2023	ND	225	112	200	4.50	
EXT DRO >C28-C36	<10.0	10.0	12/21/2023	ND					

Surrogate: 1-Chlorooctane 99.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.0 % 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: 12/20/2023  
 Reported: 12/22/2023  
 Project Name: DVN TL TERRAPIN TO ARABIAN  
 Project Number: NONE GIVEN  
 Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 12/19/2023  
 Sampling Type: Solid  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 6 1-1.5 (H236774-23)**

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	12/21/2023	ND	2.28	114	2.00	1.81		
Toluene*	<0.050	0.050	12/21/2023	ND	2.31	116	2.00	1.76		
Ethylbenzene*	<0.050	0.050	12/21/2023	ND	2.31	116	2.00	1.84		
Total Xylenes*	<0.150	0.150	12/21/2023	ND	6.94	116	6.00	2.34		
Total BTEx	<0.300	0.300	12/21/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	64.0	16.0	12/22/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2023	ND	229	114	200	0.472	
DRO >C10-C28*	<10.0	10.0	12/21/2023	ND	225	112	200	4.50	
EXT DRO >C28-C36	<10.0	10.0	12/21/2023	ND					

Surrogate: 1-Chlorooctane 101 % 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: 12/20/2023  
 Reported: 12/22/2023  
 Project Name: DVN TL TERRAPIN TO ARABIAN  
 Project Number: NONE GIVEN  
 Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 12/19/2023  
 Sampling Type: Solid  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 6 2-2.5 (H236774-24)**

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	12/21/2023	ND	2.28	114	2.00	1.81		
Toluene*	<0.050	0.050	12/21/2023	ND	2.31	116	2.00	1.76		
Ethylbenzene*	<0.050	0.050	12/21/2023	ND	2.31	116	2.00	1.84		
Total Xylenes*	<0.150	0.150	12/21/2023	ND	6.94	116	6.00	2.34		
Total BTEX	<0.300	0.300	12/21/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	12/22/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2023	ND	214	107	200	2.96	
DRO >C10-C28*	<10.0	10.0	12/21/2023	ND	218	109	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	12/21/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 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: 12/20/2023  
 Reported: 12/22/2023  
 Project Name: DVN TL TERRAPIN TO ARABIAN  
 Project Number: NONE GIVEN  
 Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 12/19/2023  
 Sampling Type: Solid  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 6 3-3.5 (H236774-25)**

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	12/21/2023	ND	2.28	114	2.00	1.81		
Toluene*	<0.050	0.050	12/21/2023	ND	2.31	116	2.00	1.76		
Ethylbenzene*	<0.050	0.050	12/21/2023	ND	2.31	116	2.00	1.84		
Total Xylenes*	<0.150	0.150	12/21/2023	ND	6.94	116	6.00	2.34		
Total BTEX	<0.300	0.300	12/21/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	12/22/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2023	ND	214	107	200	2.96	
DRO >C10-C28*	<10.0	10.0	12/21/2023	ND	218	109	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	12/21/2023	ND					

Surrogate: 1-Chlorooctane 90.6 % 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: 12/20/2023  
 Reported: 12/22/2023  
 Project Name: DVN TL TERRAPIN TO ARABIAN  
 Project Number: NONE GIVEN  
 Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 12/19/2023  
 Sampling Type: Solid  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 6 4-4.5 (H236774-26)**

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	12/22/2023	ND	2.28	114	2.00	1.81		
Toluene*	<0.050	0.050	12/22/2023	ND	2.31	116	2.00	1.76		
Ethylbenzene*	<0.050	0.050	12/22/2023	ND	2.31	116	2.00	1.84		
Total Xylenes*	<0.150	0.150	12/22/2023	ND	6.94	116	6.00	2.34		
Total BTEX	<0.300	0.300	12/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	592	16.0	12/22/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2023	ND	214	107	200	2.96	
DRO >C10-C28*	<10.0	10.0	12/21/2023	ND	218	109	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	12/21/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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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 black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager





Chain of Custody

Work Order No: H236774

Project Manager:	Ethan Sessums	Bill to: (if different)	Dale Woodall
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

Page <u>1</u> of <u>3</u>	
Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:	DVN TL Terrapin to Arabian	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	
Project Number:	N/A	Due Date:			
Project Location:	Lea Co, New Mexico				
Sampler's Name:	Clayton Tumas				
PO #	21201180	TAT starts the day received by the lab, if received by 4:30pm			
<b>SAMPLE RECEIPT</b>					
Received In tact:	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Thermometer ID:			
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Correction Factor:			
Total Containers:	26	Temperature Reading:			
		Corrected Temperature:	-2.2		
Parameters					
BTX 8021B					
TPH 8015M ( GRO + DRO + MRO)					
Chloride 4500					
HOLD					
Preservative Codes					
None: NO DI Water: H <sub>2</sub> O					
Cool: Cool MeOH: Me					
HCL: HC HNO <sub>3</sub> : HN					
H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na					
H <sub>3</sub> PO <sub>4</sub> : HP					
NaHSO <sub>4</sub> : NABIS					
Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>3</sub>					
Zn Acetate+NaOH: Zn					
NaOH+Ascorbic Acid: SAPC					

Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/ Comp	# of Cont	ANALYSIS REQUEST	Preservative Codes
V-1	0-6"	12/19/2023	10:00	X		Grab	1	X	X
V-1	1-1.5	12/19/2023	10:03	X		Grab	1	X	X
V-1	2-2.5	12/19/2023	10:06	X		Grab	1	X	X
V-1	3-3.5	12/19/2023	10:09	X		Grab	1	X	X
V-2	0-6"	12/19/2023	10:12	X		Grab	1	X	X
V-2	1-1.5	12/19/2023	10:15	X		Grab	1	X	X
V-2	2-2.5	12/19/2023	10:18	X		Grab	1	X	X
V-3	0-6"	12/19/2023	10:21	X		Grab	1	X	X
V-3	1-1.5	12/19/2023	10:24	X		Grab	1	X	X
V-3	2-2.5	12/19/2023	10:27	X		Grab	1	X	X

Additional Comments:

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<u>[Signature]</u>	<u>[Signature]</u>	12-20-23 10:21			
		4			
		6			





Chain of Custody

Work Order No:

10236774

Project Manager:	Ethan Sessums	Bill to: (if different)	Date Woodall
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/> State of Project: _____ Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/> Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other: _____	
---	--

Project Name:	DVN TL Terrapin to Arabian	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code		ANALYSIS REQUEST												Preservative Codes			
Project Number:	N/A																	None: NO	DI Water: H <sub>2</sub> O		
Project Location:	Lea Co. New Mexico																	Cool: Cool	MeOH: Me		
Sampler's Name:	Clayton Tumas	Due Date:																HCL: HC	HNO <sub>3</sub> : HN		
PO #	21201180	TAT starts the day received by the lab, if received by 4:30pm																H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na		
<b>SAMPLE RECEIPT</b>		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Well Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													H <sub>3</sub> PO <sub>4</sub> : HP			
Received intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:																NaHSO <sub>4</sub> : NABIS			
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:																Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>3</sub>			
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:																Zn Acetate+NaOH: Zn			
Total Containers:	26	Corrected Temperature:																NaOH+Ascorbic Acid: SAPC			
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters												Sample Comments	
V-3	3-3.5	12/19/2023	10:30	X		Grab	1	X	X	X	X										
V-3	4-4.5	12/19/2023	10:33	X		Grab	1	X	X	X	X										
V-4	0-6"	12/19/2023	10:36	X		Grab	1	X	X	X	X										
V-4	1-1.5	12/19/2023	10:39	X		Grab	1	X	X	X	X										
V-4	2-2.5	12/19/2023	10:42	X		Grab	1	X	X	X	X										
V-4	3-3.5	12/19/2023	10:45	X		Grab	1	X	X	X	X										
V-5	0-6"	12/19/2023	10:48	X		Grab	1	X	X	X	X										
V-5	1-1.5	12/19/2023	10:51	X		Grab	1	X	X	X	X										
V-5	2-2.5	12/19/2023	10:54	X		Grab	1	X	X	X	X										
V-5	3-3.5	12/19/2023	10:57	X		Grab	1	X	X	X	X										

Additional Comments:

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	12/23/2023			





Chain of Custody

Work Order No: H336774

Project Manager:	Ethan Sessums	Bill to: (if different)	Date Woodall
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

Page <u>3</u> of <u>3</u>	
Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:	DVN TL Terrapin to Arabian	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	
Project Number:	N/A	Due Date:			
Project Location:	Lea Co. New Mexico				
Sampler's Name:	Clayton Tumas				
PO #	21201180				
SAMPLE RECEIPT					
Received In tact:	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:			
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:			
Total Containers:	26	Temperature Reading:			
		Corrected Temperature:			

Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	ANALYSIS REQUEST	Preservative Codes	Sample Comments
V-5	4-4.5	12/19/2023	11:00	X		Grab	1	X	X	X	
V-6	0-6"	12/19/2023	11:03	X		Grab	1	X	X	X	
V-6	1-1.5	12/19/2023	11:06	X		Grab	1	X	X	X	
V-6	2-2.5	12/19/2023	11:09	X		Grab	1	X	X	X	
V-6	3-3.5	12/19/2023	11:12	X		Grab	1	X	X	X	
V-6	4-4.5	12/19/2023	11:15	X		Grab	1	X	X	X	

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<u>[Signature]</u>	<u>[Signature]</u>	12/20/23 10:21			
		2			
		4			
		6			

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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 303022

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 303022
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	nOY1730057049
Incident Name	NOY1730057049 DEVON TRANSFER LINE TERRAPIN TO ARABIAN @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Facility	[fOY1730056854] Devon transfer line Terrapin to Arabian

Location of Release Source	
Please answer all the questions in this group.	
Site Name	DEVON TRANSFER LINE TERRAPIN TO ARABIAN
Date Release Discovered	10/10/2017
Surface Owner	State

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: 281 BBL   Recovered: 145 BBL   Lost: 136 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 303022

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	303022
	Action Type:	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**QUESTIONS**

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

**Initial Response**

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

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

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

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

I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmn.com Date: 01/12/2024
--	--



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QUESTIONS, Page 3

Action 303022

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 303022
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**QUESTIONS****Site Characterization**

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

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
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 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between ½ and 1 (mi.)
A subsurface mine	Between 1 and 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Medium
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)	1870
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	53.6
GRO+DRO (EPA SW-846 Method 8015M)	53.6
BTEX (EPA SW-846 Method 8021B or 8260B)	0
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	01/22/2024
On what date will (or did) the final sampling or liner inspection occur	02/22/2024
On what date will (or was) the remediation complete(d)	03/01/2024
What is the estimated surface area (in square feet) that will be reclaimed	3267
What is the estimated volume (in cubic yards) that will be reclaimed	581
What is the estimated surface area (in square feet) that will be remediated	3267
What is the estimated volume (in cubic yards) that will be remediated	581

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 303022

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	303022
	Action Type:	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**QUESTIONS****Remediation Plan (continued)**

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

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

(Select all answers below that apply.)

(Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for <b>off-site</b> disposal	R360 Artesia LLC LANDFARM [FEEM0112340644]
<b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

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

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

I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmn.com Date: 01/12/2024
--	--

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

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QUESTIONS, Page 5  
  
Action 303022

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 303022
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

<b>Deferral Requests Only</b>	
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 303022

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 303022
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	{Unavailable.}

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	No

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CONDITIONS

Action 303022

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 303022
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	Remediation plan approved. Submit closure report via the OCD permitting portal by April 15, 2024.	1/16/2024