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October 21, 2024

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

**Re: Deferral Request
 Marwari 28 CTB 2
 Devon Energy Production Company
 Unit D, Section 28, Township 25S, Range 32E
 Site Coordinates: 32.10798, -103.68688
 Lea County, New Mexico
 Incident ID: nAPP2408036299**

Mr. Bratcher:

On behalf of Devon Energy Production Company (Devon), New Tech Global Environmental, LLC (NTGE) has prepared this Site Characterization and Remediation Deferral Request for submittal to the New Mexico Oil Conservation Division (NMCOD) District 2 Office in Artesia, New Mexico to document site assessment, proposed remedial action activities, and sample analysis results for the Marwari 28 CTB 2 (Site). The Site is located in Unit Letter D, Section 28, of Township 25 South and Range 32 East in Lea County, New Mexico. The GPS coordinates for the release site are 32.10798° N latitude and 103.68688° 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.

Background

Based on the initial C-141 obtained from the NMOCD, the release was discovered on March 6, 2024. The release was due to equipment failure resulting in the release of approximately forty-one (41) barrels (bbls) of produced water of which four (4) were recovered for a net loss of thirty-seven (37) bbls of produced water. Upon discovery, the equipment was shut-in, and the area secured. The release areas are shown in Figure 3.

Site Characterization

Based on a review of the New Mexico Office of State Engineers and USGS databases, there is one known water well (C-04879-POD) within a ½-mile radius of the Site that was drilled in 2024 to a depth of fifty-five (55) feet (ft) below ground surface (bgs) where no groundwater was 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 Low Karst area. The Site characterization documentation (Points of Diversion, Karst Potential, Significant Watercourse Map, Wetlands Map, and FEMA Map) are attached to the end of this report.

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Regulatory Criteria

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

General Site Characterization and Groundwater:

Site Characterization	Average Groundwater Depth (ft)
Low 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
19.15.23.12 Remediation and Closure Criteria for Soils Impacted by a Release (0-4ft)	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 >4ft	10,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg
Notes: --- = not defined					

Site Assessment

On March 21, 2024, NTGE conducted site assessment activities to assess the extent of impacts at the Site. Fifteen (15) vertical sample points (V-1 through V-15) were installed within the release area, while sixteen (16) horizontal sample points (H-1 through H-16) were installed adjacent to the release area in order to characterize the impacts. Soil samples were collected at half-foot (0.5) to one (1) foot (ft) intervals from depths ranging from zero (0) to four and a half (4.5) ft below ground surface (bgs) with a geotechnical hand auger. The hand auger was decontaminated with Alconox and deionized water between soil samples to prevent cross-contamination. Soil samples were placed directly into laboratory provided sample containers, placed on ice, and transported under proper chain-of-custody protocol to Envirotech Laboratories in Farmington, New Mexico for analysis of benzene, toluene, ethylbenzene, and xylene (BTEX) (by EPA Method 8021B), total petroleum hydrocarbon (TPH) (by EPA method 8015 modified), and chloride (EPA method 300.0). Analytical results indicated that Chloride and TPH concentrations exceeded the NMOC regulatory limits in the area of V-1 through V-14 at various depths ranging from zero (0) to four and a half (4.5) ft bgs. Analytical results also identified that horizontal delineation samples H-3 through H-6, H-8, H-10, H-11, H-15, and H-16 exhibited presence of spill impacts due to elevated concentrations of TPH at depths ranging from zero (0) to a half-foot (0.5) ft bgs.

On April 16, 2024, NTGE returned to the Site in order to complete the vertical and horizontal delineation assessment of the release. A total of five (5) test pits (i.e., TP-2 through TP-6) were installed within the release area and collected at one (1) ft intervals at depths ranging from four (4) to eight (8) ft bgs utilizing mechanical equipment. Furthermore, a total of eleven (11) horizontal

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delineation sample points (i.e., H-3A through H-6A, H-8A, H-10A, H-11A, and H-15A through H-18A) were installed at a depth of zero (0) to a half-foot (0.5) ft bgs adjacent to the release area in order to characterize the impacts. Soil samples were delivered to Envirotech Laboratories for the analysis of BTEX, TPH, and chloride. Analytical results indicated that all delineation samples were below NMOCD regulatory criteria.

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

Remedial Action Activities and Confirmation Sampling

Based on the analytical results, Devon proceeded with the remedial actions at the Site to include the excavation and disposal of impacted soils above the regulatory limits. The release area was excavated to a depth of one (1) ft bgs in the areas of V-1, V-8, V-9, V-10, and V-11, a depth of two (2) ft bgs in the areas of V-2, V-3, V-7, V-13, and V-14, and a depth of five (5) ft bgs in the areas of V-5 and V-6.

On August 8, 2024, a total of sixty-seven (67) composite confirmation samples were collected from the excavation base (i.e., CS-1 through CS-67) and twenty (20) sidewall composite confirmation samples were collected (i.e., SW-1 through SW-20) to ensure impacted soil was removed.

Analytical results indicated that multiple composite confirmation excavation base and side wall samples (i.e., CS-23, CS-24, CS-42, CS-43, CS-45, CS-46, SW-9, SW-15, and SW-17) were above NMOCD regulatory criterion for chloride and/or TPH concentrations.

As a result, Devon proceeded with the further excavation of impacted areas. On August 21, 2024, NTGE collected a total of sixteen (16) additional confirmation samples from the excavation base (i.e., CS-23, CS-24, CS-42, CS-43, CS-45, CS-46, CS-68, CS-69, CS-70, CS-71, CS-72, CS-73, CS-74, CS-75, and CS-76) and fourteen (14) additional confirmation samples were collected from the excavation sidewalls (i.e., SW-9A, SW-15A, SW-17A, SW-21, SW-22, SW-23, SW-24, SW-25, SW-26, SW-27, SW-28, SW-29, SW-30, and SW-31) to ensure impacted soil was removed.

On September 4, 2024, NTGE returned to the Site to collect a total of two (2) additional confirmation samples from the excavation base (i.e., CS-71 and CS-74) and three (3) additional confirmation was collected from the excavation sidewall (i.e., SW-32, SW-33, and SW-34) to ensure impacted soils were removed.

Analytical results indicated all samples were below NMOCD regulatory criterion for the Site, excluding CS-31, CS-34, SW-16, SW-19, SW-20, and SW-22 which were unable to be excavated further due to facility infrastructure (i.e., production flow lines, heater treater, and separators). The confirmation samples over limit (CS-31 and CS-34) were delineated with V-3 at depths of two and a half (2.5) ft bgs. Sidewall samples SW-16 was delineated with V-7 at depths of two and a half (2.5) ft bgs, SW-19 was delineated with CS-68 and TP-6 at depths of one (1) ft and four (4) ft bgs respectively, SW-20 was delineated with V-4 and TP-6 at depths of four (4) ft bgs, and SW-22 was delineated with V-10 and V-11 at depths of two (2) ft bgs. The final excavation extent and confirmation sample locations are shown in Figure 4 while deferral area and delineation samples are shown in Figure 5. Analytical results of the confirmation samples are included in Table 2 and delineation data is in Table 1.

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Soil samples were placed directly into laboratory provided sample containers, placed on ice, and transported under proper chain-of-custody protocol to the lab. The confirmation samples collected represent an area no greater than 200 square feet and were analyzed for BTEX (EPA Method 8021B), TPH (EPA method 8015 modified), and chloride (method SM4500Cl-B). Laboratory reports containing analytical methods and chain-of-custody documents are attached.

Deferral Request

Devon personnel have expressed that the excavation areas of CS-31, CS-34, SW-16, SW-19, SW-20, and SW-22 cannot be expanded vertically or horizontally due to the presence of facility infrastructure around the excavation and the associated safety concerns in further encroaching the infrastructure. The infrastructure in and around the excavation is shown on Figure 5. On behalf of Devon, NTG Environmental formally requests a deferral to address the remaining soil impacts) at the time of facility decommissioning or in the event infrastructure modifications are made in the area that would alleviate the safety concerns, whichever is sooner. Should the deferral request be granted, a remedial action report documenting excavation expansion and confirmation sampling activities will be prepared and filed following completion of the further actions to be completed at a future date.

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

Sincerely,
NTG Environmental



Ethan Sessums
Project Manager

Attachments:

- Site Characterization Information
- Tables
- Figures
- Photographic Log
- Laboratory Reports and Chain-of-Custody

TABLES

Table 1
Summary of Soil Analytical Data - Initial Assessment Samples
Marwari 28 CTB 2 (231H)
Devon Energy Production Company
Lea Co, 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-C36)	Total GRO/DRO/MRO (C6-C36)	
			Table I Closure Criteria for Soil ≤ 50 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	3/21/2024	0-6"	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	1,650	1,650	553	2,203	3,890
	3/21/2024	1-1.5	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
	3/21/2024	2-2.5	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
	3/21/2024	3-3.5	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	27.5	27.5	<50.0	27.5	90.1
V-2	3/21/2024	0-6"	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	565	565	208	773	4,940
	3/21/2024	1-1.5	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	119	119	<50.0	119	505
	3/21/2024	2-2.5	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
	3/21/2024	3-3.5	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
V-3	3/21/2024	0-6"	0.62	11.1	3.98	37.2	52.9	525	8,020	8,545	1,630	10,175	9,190
	3/21/2024	1-1.5	0.049	0.063	0.0515	0.213	0.3765	<20.0	28.7	28.7	<50.0	28.7	812
	3/21/2024	2-2.5	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	133
	3/21/2024	3-3.5	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
V-4	3/21/2024	4-4.5	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
	3/21/2024	0-6"	0.052	2.6	1.8	22.5	26.952	195	17,200	17,395	5,060	22,455	9,410
	3/21/2024	1-1.5	<0.0250	<0.0250	<0.0250	0.153	0.153	<20.0	81.4	81.4	<50.0	81.4	4,870
	3/21/2024	2-2.5	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	4,010
V-5	3/21/2024	3-3.5	<0.0250	<0.0250	0.03	0.429	0.459	<20.0	769	769	261	1,030	8,170
	3/21/2024	4-4.5	<0.0250	<0.0250	<0.0250	0.143	0.143	<20.0	519	519	194	713	5,000
	3/21/2024	0-6"	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	69.2	69.2	<50.0	69.2	6,610
	3/21/2024	1-1.5	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	91.6	91.6	52.3	143.9	7,830
V-6	3/21/2024	2-2.5	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	1,480
	3/21/2024	3-3.5	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	1,140
	3/21/2024	4-4.5	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	2,070
	3/21/2024	0-6"	4.51	34.2	7.54	70	116.25	695	27,600	28,295	7,830	36,125	9,850
V-7	3/21/2024	1-1.5	<0.0250	0.034	<0.0250	0.1177	0.1517	<20.0	155	155	76.5	231.5	1,840
	3/21/2024	2-2.5	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	359
	3/21/2024	3-3.5	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	176	176	76.1	252.1	332
	3/21/2024	0-6"	0.285	5.2	1.64	15.2	22.325	194	2,100	2,294	556	2,850	4,590
V-8	3/21/2024	1-1.5	<0.0250	0.165	0.0755	0.834	1.0745	30	186	216	99.7	315.7	76.1
	3/21/2024	2-2.5	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	22.9
	3/21/2024	0-6"	0.0745	3.92	2.4	24.5	30.8945	238	5,730	5,968	1,490	7,458	8,330
	3/21/2024	1-1.5	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	43.1
V-9	3/21/2024	0-6"	1.23	29.6	8.94	81.6	121.37	871	9,330	10,201	2,350	12,551	8,000
	3/21/2024	1-1.5	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	27	27	<50.0	27	28.8
V-10	3/21/2024	0-6"	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	8,230
	3/21/2024	1-1.5	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	41.4
V-11	3/21/2024	0-6"	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	7,440
	3/21/2024	1-1.5	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	121

Table 1
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Devon Energy Production Company
Lea Co, 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-C36)	Total GRO/DRO/MRO (C6-C36)	
			Table I Closure Criteria for Soil ≤ 50 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
V-12	3/21/2024	0-6"	<0.0250	<0.0250	0.0935	1.81	1.9035	46.2	2,780	2,826.2	879	3,705.2	9,860
	3/21/2024	1-1.5	<0.0250	<0.0250	0.368	6.45	6.818	148	6,110	6,258	2,020	8,278	5,910
	3/21/2024	2-2.5	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	1,530
	3/21/2024	3-3.5	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	34.6	34.6	<50.0	34.6	2,030
	3/21/2024	4-4.5	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	107
V-13	3/21/2024	0-6"	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	1,210
	3/21/2024	1-1.5	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	1,760
	3/21/2024	2-2.5	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	199
V-14	3/21/2024	0-6"	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	52.5	52.5	1,440
	3/21/2024	1-1.5	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	1,830
	3/21/2024	2-2.5	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	173
V-15	3/21/2024	0-6"	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	106
	3/21/2024	1-1.5	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	24.3
TP-2	4/16/2024	4	<0.0250	<0.0250	<0.0250	<0.050	<0.050	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
	4/16/2024	5	<0.0250	<0.0250	<0.0250	<0.050	<0.050	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
	4/16/2024	6	<0.0250	<0.0250	<0.0250	<0.050	<0.050	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
	4/16/2024	7	<0.0250	<0.0250	<0.0250	<0.050	<0.050	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
	4/16/2024	8	<0.0250	<0.0250	<0.0250	<0.050	<0.050	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
TP-3	4/16/2024	4	<0.0250	<0.0250	<0.0250	<0.050	<0.050	<20.0	<25.0	<25.0	<50.0	<50.0	25.2
	4/16/2024	5	<0.0250	<0.0250	<0.0250	<0.050	<0.050	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
	4/16/2024	6	<0.0250	<0.0250	<0.0250	<0.050	<0.050	<20.0	<25.0	<25.0	<50.0	<50.0	64
	4/16/2024	7	<0.0250	<0.0250	<0.0250	<0.050	<0.050	<20.0	<25.0	<25.0	<50.0	<50.0	67.6
	4/16/2024	8	<0.0250	<0.0250	<0.0250	<0.050	<0.050	<20.0	<25.0	<25.0	<50.0	<50.0	77.9
TP-4	4/16/2024	4	<0.0250	<0.0250	<0.0250	<0.050	<0.050	<20.0	<25.0	<25.0	<50.0	<50.0	69.1
	4/16/2024	5	<0.0250	<0.0250	<0.0250	<0.050	<0.050	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
	4/16/2024	6	<0.0250	<0.0250	<0.0250	<0.050	<0.050	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
	4/16/2024	7	<0.0250	<0.0250	<0.0250	<0.050	<0.050	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
TP-5	4/16/2024	8	<0.0250	<0.0250	<0.0250	<0.050	<0.050	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
	4/16/2024	4	<0.0250	<0.0250	<0.0250	<0.050	<0.050	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
	4/16/2024	5	<0.0250	<0.0250	<0.0250	<0.050	<0.050	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
	4/16/2024	6	<0.0250	<0.0250	<0.0250	<0.050	<0.050	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
TP-6	4/16/2024	7	<0.0250	<0.0250	<0.0250	<0.050	<0.050	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
	4/16/2024	8	<0.0250	<0.0250	<0.0250	<0.050	<0.050	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
	4/16/2024	4	<0.0250	<0.0250	<0.0250	<0.050	<0.050	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
	4/16/2024	5	<0.0250	<0.0250	<0.0250	<0.050	<0.050	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
Horizontal Delineation Samples													
H-1	3/21/2024	0-6"	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	90.1	90.1	<50.0	90.1	281
H-2	3/21/2024	0-6"	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	48.6	48.6	<50.0	48.6	63.1

Table 1
Summary of Soil Analytical Data - Initial Assessment Samples
Marwari 28 CTB 2 (231H)
Devon Energy Production Company
Lea Co, 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-C36)	Total GRO/DRO/MRO (C6-C36)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
			Table I Closure Criteria for Soil ≤ 50 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg	10,000 mg/kg
H-3	3/21/2024	0-6"	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	123	123	95.7	218.7	233
H-3A	4/16/2024	0-6"	<0.0250	<0.0250	<0.0250	<0.050	<0.050	<20.0	<25.0	<25.0	<50.0	<50.0	154
H-4	3/21/2024	0-6"	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	117	117	77.8	194.8	70.4
H-4A	4/16/2024	0-6"	<0.0250	<0.0250	<0.0250	<0.050	<0.050	<20.0	<25.0	<25.0	<50.0	<50.0	99.7
H-5	3/21/2024	0-6"	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	553	553	254	807	385
H-5A	4/16/2024	0-6"	<0.0250	<0.0250	<0.0250	<0.050	<0.050	<20.0	<25.0	<25.0	<50.0	<50.0	76.3
H-6	3/21/2024	0-6"	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	249	249	119	368	293
H-6A	4/16/2024	0-6"	<0.0250	<0.0250	<0.0250	<0.050	<0.050	<20.0	<25.0	<25.0	<50.0	<50.0	108
H-7	3/21/2024	0-6"	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	401
H-8	3/21/2024	0-6"	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	143	143	70.6	213.6	212
H-8A	4/16/2024	0-6"	<0.0250	<0.0250	<0.0250	<0.050	<0.050	<20.0	<25.0	<25.0	<50.0	<50.0	67.9
H-9	3/21/2024	0-6"	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	47.6
H-10	3/21/2024	0-6"	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	122	122	51.2	173.2	90
H-10A	4/16/2024	0-6"	<0.0250	<0.0250	<0.0250	<0.050	<0.050	<20.0	<25.0	<25.0	<50.0	<50.0	53.1
H-11	3/21/2024	0-6"	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	103	103	<50.0	103	241
H-11A	4/16/2024	0-6"	<0.0250	<0.0250	<0.0250	<0.050	<0.050	<20.0	<25.0	<25.0	<50.0	<50.0	67.8
H-12	3/21/2024	0-6"	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
H-13	3/21/2024	0-6"	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<25.0	<50.0	<50.0	41.6
H-14	3/21/2024	0-6"	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	84.7	84.7	<50.0	84.7	56.6
H-15	3/21/2024	0-6"	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	118	118	57	175	68.2
H-15A	4/16/2024	0-6"	<0.0250	<0.0250	<0.0250	<0.050	<0.050	<20.0	<25.0	<25.0	<50.0	<50.0	141
H-16	3/21/2024	0-6"	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	246	246	104	350	162
H-16A	4/16/2024	0-6"	<0.0250	<0.0250	<0.0250	<0.050	<0.050	<20.0	<25.0	<25.0	<50.0	<50.0	74.4
H-17A	4/16/2024	0-6"	<0.0250	<0.0250	<0.0250	<0.050	<0.050	<20.0	<25.0	<25.0	<50.0	<50.0	54
H-18A	4/16/2024	0-6"	<0.0250	<0.0250	<0.0250	<0.050	<0.050	<20.0	<25.0	<25.0	<50.0	<50.0	97.3

Notes:

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

 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 2
Summary of Soil Analytical Data - Initial Assessment Samples
Marwari 28 CTB 2 (231H)
Devon Energy Production Company
Lea Co, 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-C36)	Total GRO/DRO/MRO (C6-C36)	
			Table I Closure Criteria for Soil ≤ 50 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
Base Confirmation Samples													
CS-1	8/8/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
CS-2	8/8/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
CS-3	8/8/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
CS-4	8/8/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
CS-5	8/8/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
CS-6	8/8/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
CS-7	8/8/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS-8	8/8/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
CS-9	8/8/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
CS-10	8/8/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
CS-11	8/8/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
CS-12	8/8/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
CS-13	8/8/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
CS-14	8/8/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	416
CS-15	8/8/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
CS-16	8/8/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS-17	8/8/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS-18	8/8/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
CS-19	8/8/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
CS-20	8/8/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
CS-21	8/8/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
CS-22	8/8/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
CS-23	8/8/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,920
	8/21/2024	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
CS-24	8/8/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	127	127	27.3	154.3	496
	8/21/2024	3	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
CS-25	8/8/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
CS-26	8/8/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	23.4	23.4	<10.0	23.4	192
CS-27	8/8/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	16.9	16.9	<10.0	16.9	160
CS-28	8/8/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
CS-29	8/8/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	14.2	14.2	<10.0	14.2	352
CS-30	8/8/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
CS-31	8/8/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	111	111	17	128	1,250
CS-32	8/8/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
CS-33	8/8/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	14.8	14.8	<10.0	14.8	592
CS-34	8/8/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	197	197	47	244	448
CS-35	8/8/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
CS-36	8/8/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320
CS-37	8/8/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
CS-38	8/8/2024	7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	61	61	<10.0	61	432

Table 2
Summary of Soil Analytical Data - Initial Assessment Samples
Marwari 28 CTB 2 (231H)
Devon Energy Production Company
Lea Co, 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-C36)	Total GRO/DRO/MRO (C6-C36)	
			Table I Closure Criteria for Soil ≤ 50 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
CS-39	8/8/2024	7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	21	21	<10.0	21	1,250
CS-40	8/8/2024	7	<0.050	<0.050	<0.050	0.279	<0.300	17.7	1,670	1,688	361	2,049	4,280
CS-41	8/8/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
CS-42	8/8/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3,440
	8/21/2024	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS-43	8/8/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,070
	8/21/2024	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
CS-44	8/21/2024	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
CS-45	8/8/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
	8/21/2024	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
CS-46	8/8/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	299	299	53.3	352.3	256
	8/21/2024	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
CS-47	8/8/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS-48	8/8/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS-49	8/8/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	19.7	19.7	<10.0	19.7	224
CS-50	8/8/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
CS-51	8/8/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	61.7	61.7	<10.0	61.7	240
CS-52	8/8/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	66.7	66.7	<10.0	66.7	160
CS-53	8/8/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
CS-54	8/8/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
CS-55	8/8/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
CS-56	8/8/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
CS-57	8/8/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
CS-58	8/8/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
CS-59	8/8/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
CS-60	8/8/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
CS-61	8/8/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
CS-62	8/8/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	14.3	14.3	<10.0	14.3	96.0
CS-63	8/8/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
CS-64	8/8/2024	5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	14.6	14.6	<10.0	14.6	144
CS-65	8/8/2024	5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
CS-66	8/8/2024	5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	10.2	10.2	<10.0	10.2	864
CS-67	8/8/2024	5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,250
CS-68	8/21/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	576
CS-69	8/21/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
CS-70	8/21/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
CS-71	8/21/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	928
	9/4/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
CS-72	8/21/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
CS-73	8/21/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0

Table 2
Summary of Soil Analytical Data - Initial Assessment Samples
Marwari 28 CTB 2 (231H)
Devon Energy Production Company
Lea Co, 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-C36)	Total GRO/DRO/MRO (C6-C36)	
			Table I Closure Criteria for Soil ≤ 50 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
CS-74	8/21/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,730
	9/4/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-75	8/21/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208
CS-76	8/21/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
Sidewall Confirmation Samples													
SW-1	8/8/2024	0-2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SW-2	8/8/2024	0-2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SW-3	8/8/2024	0-2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SW-4	8/8/2024	0-2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SW-5	8/8/2024	0-2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
SW-6	8/8/2024	0-2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
SW-7	8/8/2024	0-2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
SW-8	8/8/2024	2-7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
SW-9	8/8/2024	0-7	<0.050	0.623	0.135	2.74	3.14	95.5	6,200	6,295.5	990	7,285.5	6,320
SW-9A	8/21/2024	0-7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208
SW-10	8/8/2024	0-7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
SW-11	8/8/2024	1-7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
SW-12	8/8/2024	0-1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	77.7	77.7	<10.0	77.7	976
SW-13	8/8/2024	0-1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SW-14	8/8/2024	0-1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
SW-15	8/8/2024	1-2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	1,920	1,920	366	2,286	1,780
SW-15A	8/21/2024	2-5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
SW-16	8/8/2024	0-2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	1,120	1,120	284	1,404	9,040
SW-17	8/8/2024	2-5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	220	220	57.6	277.6	1,760
SW-17A	8/21/2024	2-5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
SW-18	8/8/2024	0-5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	576
SW-19	8/8/2024	0-5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,010
SW-20	8/8/2024	0-5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	864
SW-21	8/21/2024	0-1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	976
SW-22	8/21/2024	0-1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4,400
SW-23	8/21/2024	0-1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
SW-24	8/21/2024	0-1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
SW-25	8/21/2024	2-4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
SW-26	8/21/2024	2-3	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
SW-27	8/21/2024	0-3	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	11.7	11.7	<10.0	11.7	128
SW-28	8/21/2024	2-4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
SW-29	8/21/2024	4-5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0

Table 2
Summary of Soil Analytical Data - Initial Assessment Samples
Marwari 28 CTB 2 (231H)
Devon Energy Production Company
Lea Co, 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-C36)	Total GRO/DRO/MRO (C6-C36)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
			Table I Closure Criteria for Soil ≤ 50 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg	10,000 mg/kg
SW-30	8/21/2024	1-5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
SW-31	8/21/2024	0-4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
SW-32	9/4/2024	0-2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
SW-33	9/4/2024	1-2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
SW-34	9/4/2024	0-2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0

- Notes:
1. Values reported in mg/kg

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

3. Bold indicates Analyte Detected

4. BTEX analyses by EPA Method SW 8021B

5. TPH analyses by EPA Method SW 8015 Mod.

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

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

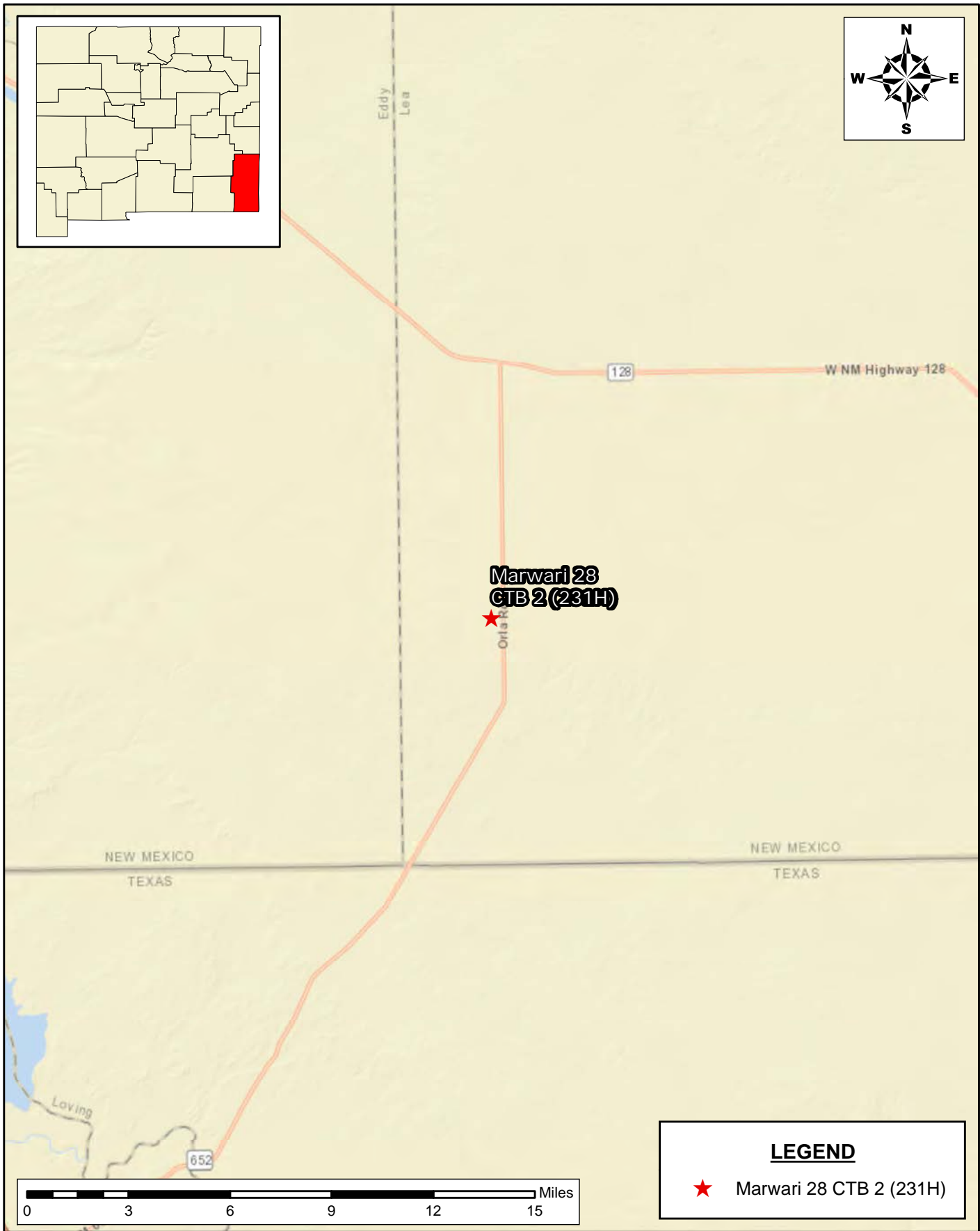
8. Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table I Closure Criteria for the site (Surface to 4 Feet Below Grade).

9. --- Not Analyzed
- SP-1

Sample Point Excavated

FIGURES

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SITE LOCATION MAP
SITE CHARACTERIZATION AND DEFERRAL REQUEST
MARWARI 28 CTB 2 (231H)
DEVON ENERGY PRODUCTION CORPORATION
LEA COUNTY, NEW MEXICO

SCALE: As Shown

Date: 3/26/2024

PROJECT #: 248541



New Tech Global Environmental, LLC
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NOTES:

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

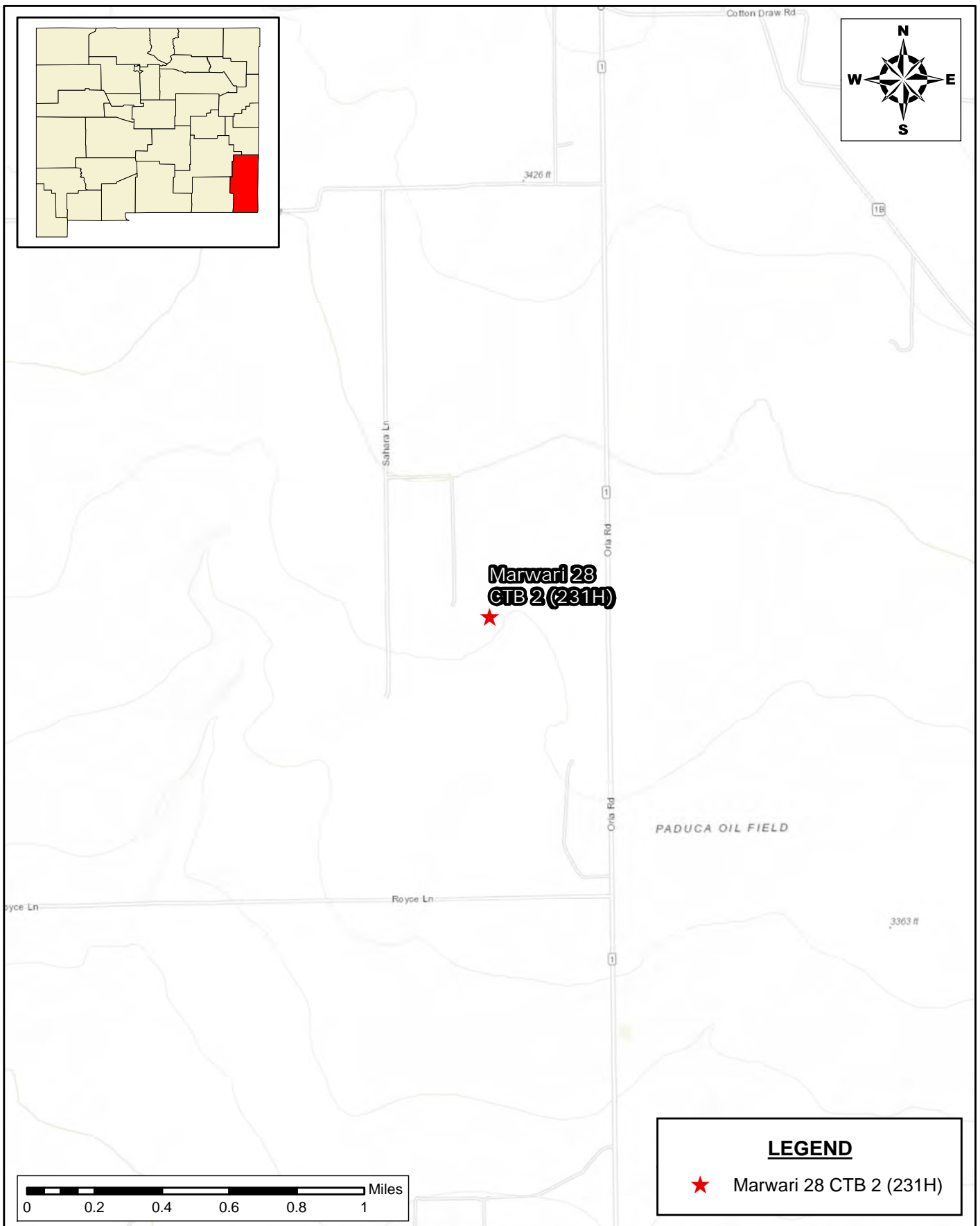
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FIGURE 1

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1 of 1

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Document Path: P:\2024 PROJECTS\NEW HORIZONS\U.S. ENERGY CORP\248628 - Holcomb Plant\6 - Figures\GIS\Holcomb Figure_3_1_mileRadius Map.mxd



DELINEATION SAMPLE MAP (NORTH VIEW)
SITE CHARACTERIZATION AND DEFERRAL REQUEST
MARWARI 28 CTB 2 (231H)
DEVON ENERGY PRODCUTION COMPANY
LEA COUNTY, NEW MEXICO

SCALE: As Shown Date: 5/1/2024 PROJECT #: 248541



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NOTES:

1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

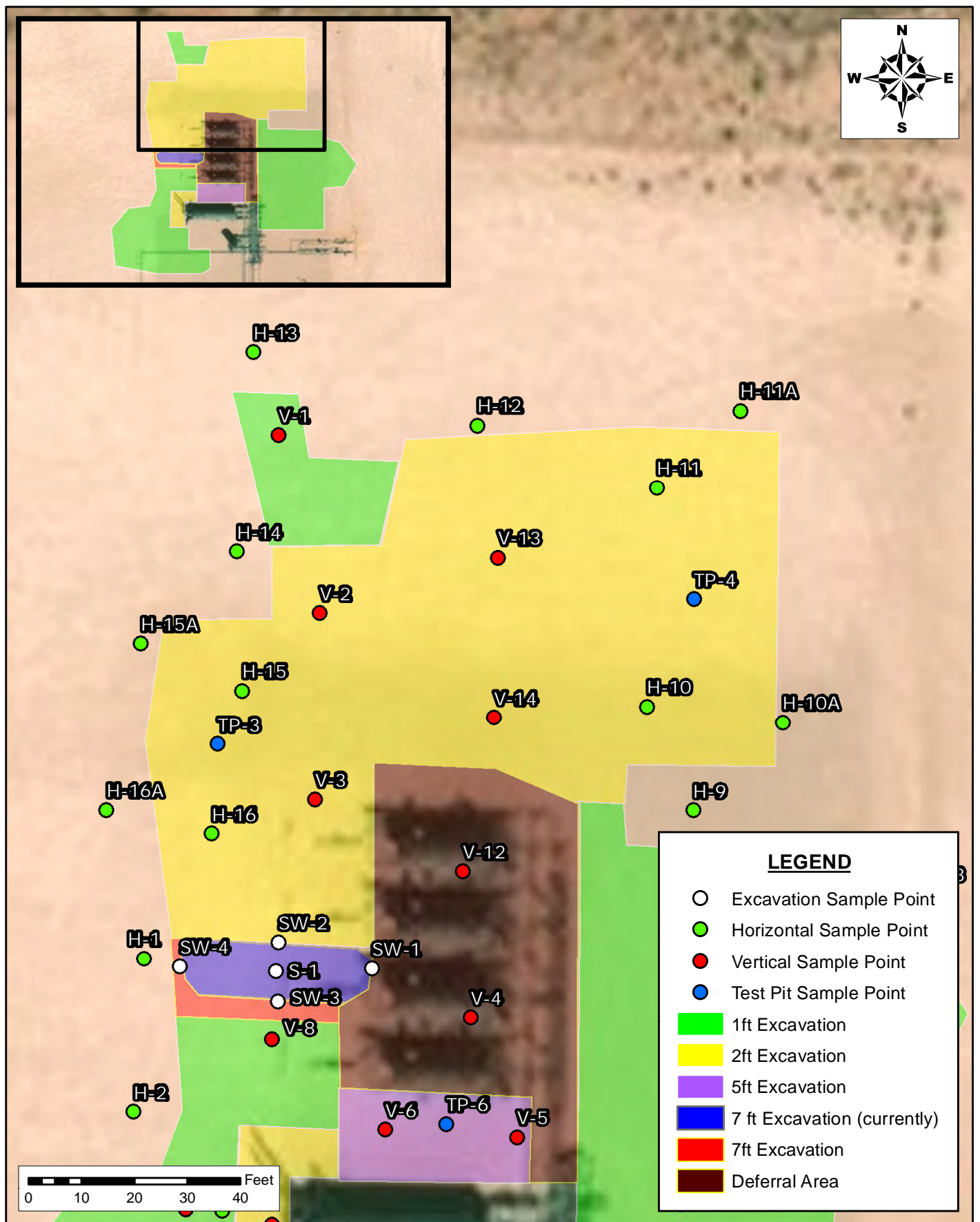
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FIGURE 3

SHEET NUMBER:

1 of 4

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DELINEATION SAMPLE MAP (CENTER VIEW)
SITE CHARACTERIZATION AND DEFERRAL REQUEST
 MARWARI 28 CTB 2 (231H)
 DEVON ENERGY PRODUCTION COMPANY
 LEA COUNTY, NEW MEXICO

SCALE: As Shown Date: 5/1/2024 PROJECT #: 248541



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NOTES:

1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

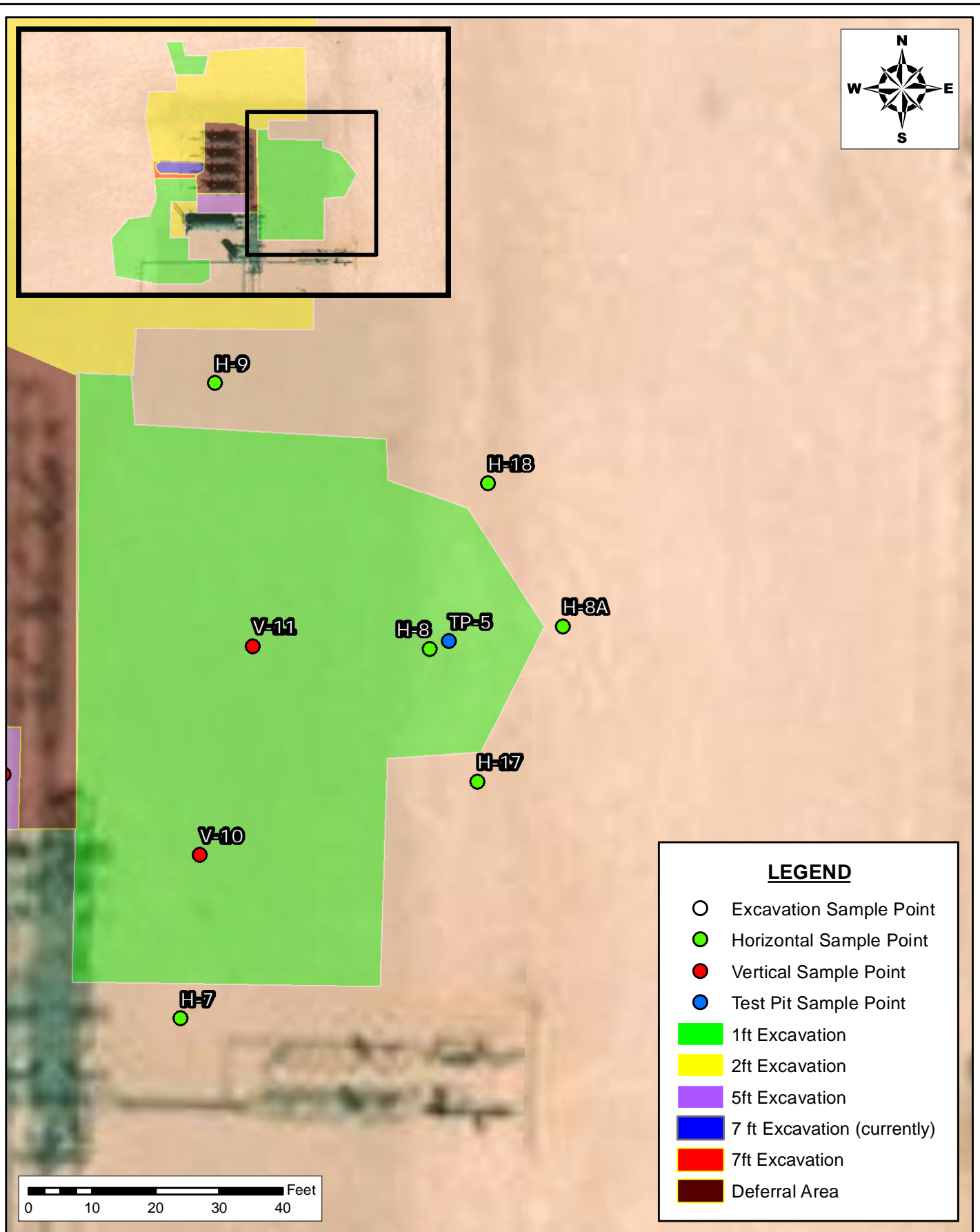
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FIGURE 3

SHEET NUMBER:

2 of 4

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DELINEATION SAMPLE MAP (EAST VIEW)
SITE CHARACTERIZATION AND DEFERRAL REQUEST
 MARWARI 28 CTB 2 (231H)
 DEVON ENERGY PRODUCTION COMPANY
 LEA COUNTY, NEW MEXICO

SCALE: As Shown Date: 5/1/2024 PROJECT #: 248541



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 Web: www.ntgenvironmental.com

NOTES:

1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

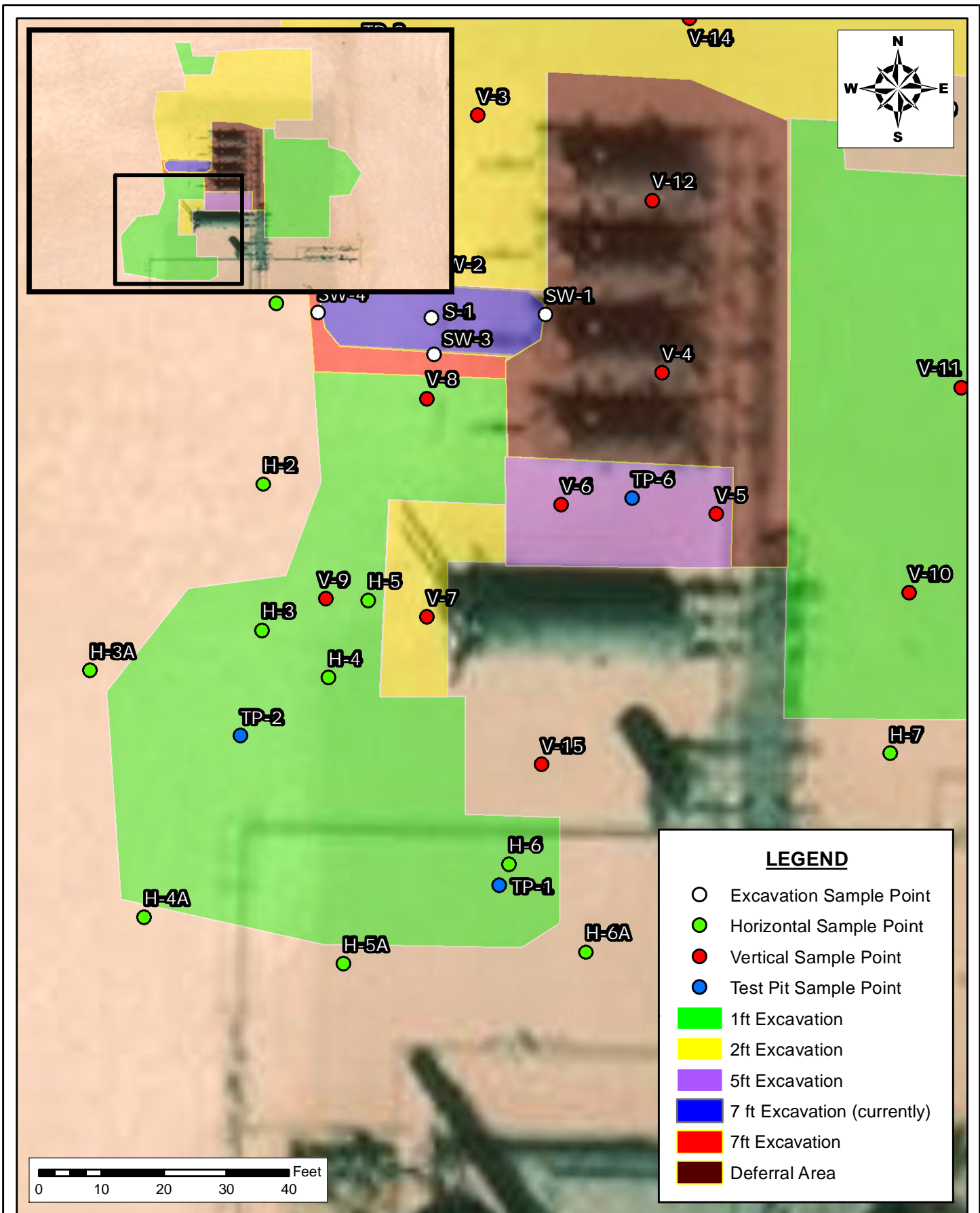
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FIGURE 3

SHEET NUMBER:

3 of 4

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DELINEATION SAMPLE MAP (WEST)
SITE CHARACTERIZATION AND DEFERRAL REQUEST
 MARWARI 28 CTB 2 (231H)
 DEVON ENERGY PRODUCTION COMPANY
 LEA COUNTY, NEW MEXICO

SCALE: As Shown

Date: 5/1/2024

PROJECT #: 248541



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 F - 281.872.4521
 Web: www.ntgenvironmental.com

NOTES:

1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

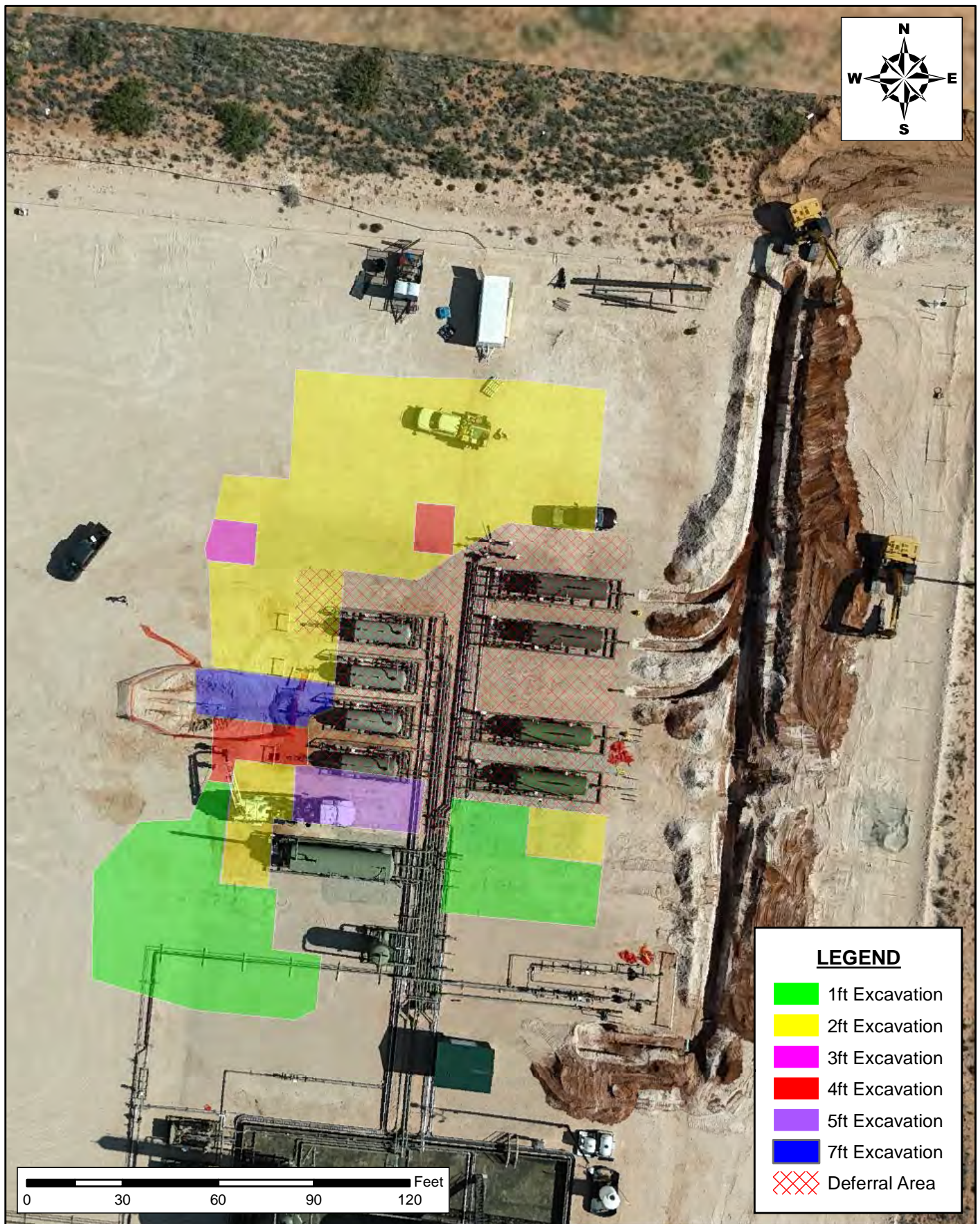
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FIGURE 3

SHEET NUMBER:

4 of 4

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CONFIRMATION SAMPLING MAP (OVERVIEW)
SITE CHARACTERIZATION AND DEFERRAL REQUEST
 DEVON ENERGY PRODUCTION COMPANY
 MARWARI 28 CTB 2 (231H)
 LEA COUNTY, NEW MEXICO

SCALE: AS SHOWN

DATE: 09/06/2024

PROJECT #: 248541



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NOTES:

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

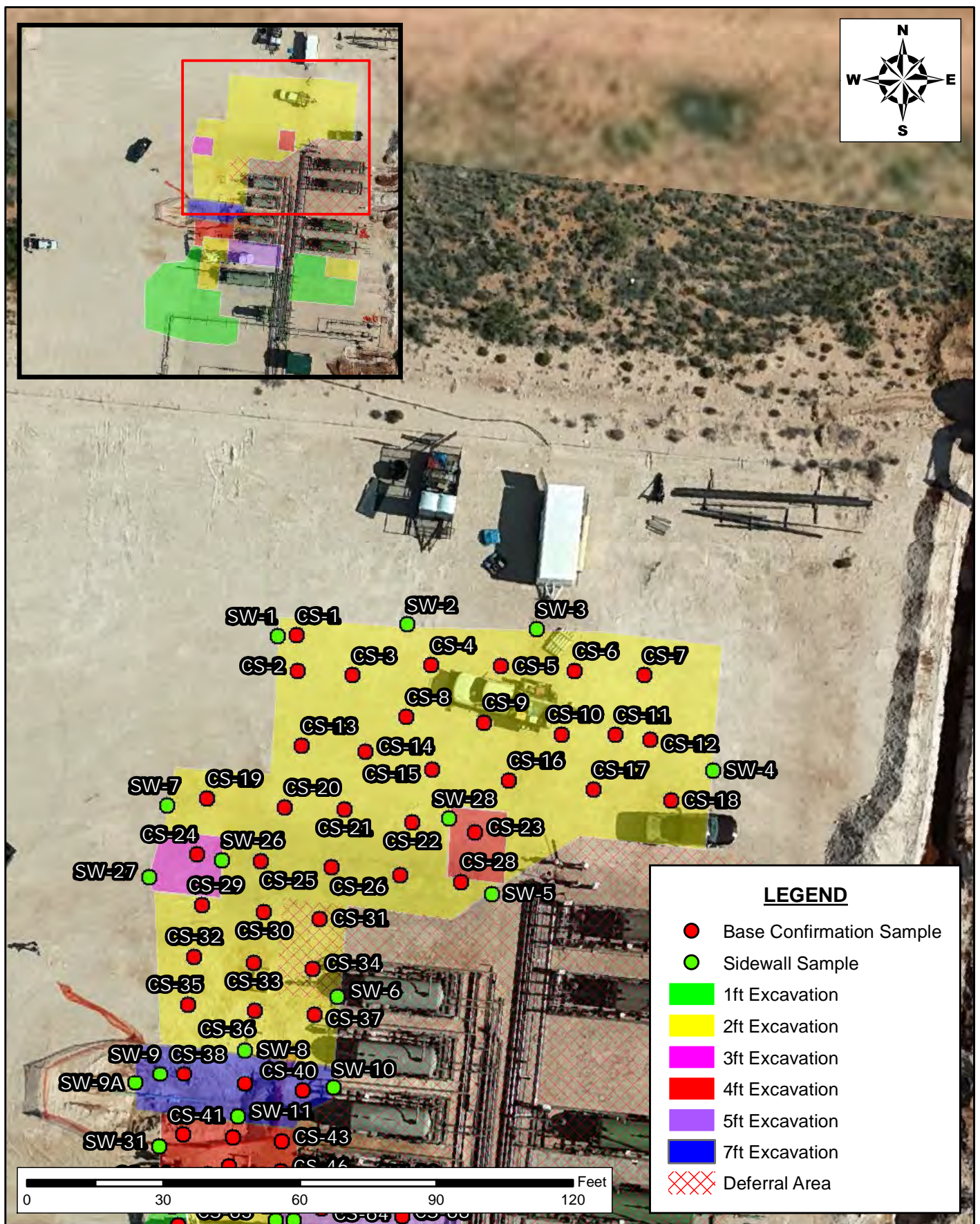
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FIGURE 4

SHEET NUMBER:

1 of 4

Document Path: C:\Users\ntg\Documents\New Tech Global\NTGE - Projects\2024 PROJECTS\DEVON\RSC\248541 - Marwari 28 CTB 2 (231H)\7 - Figures\GIS\Figure_4.mxd



CONFIRMATION SAMPLING MAP (EXPANDED)
SITE CHARACTERIZATION AND DEFERRAL REQUEST
 DEVON ENERGY PRODUCTION COMPANY
 MARWARI 28 CTB 2 (231H)
 LEA COUNTY, NEW MEXICO

SCALE: AS SHOWN

DATE: 09/06/2024

PROJECT #: 248541



New Tech Global Environmental, LLC
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NOTES:

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

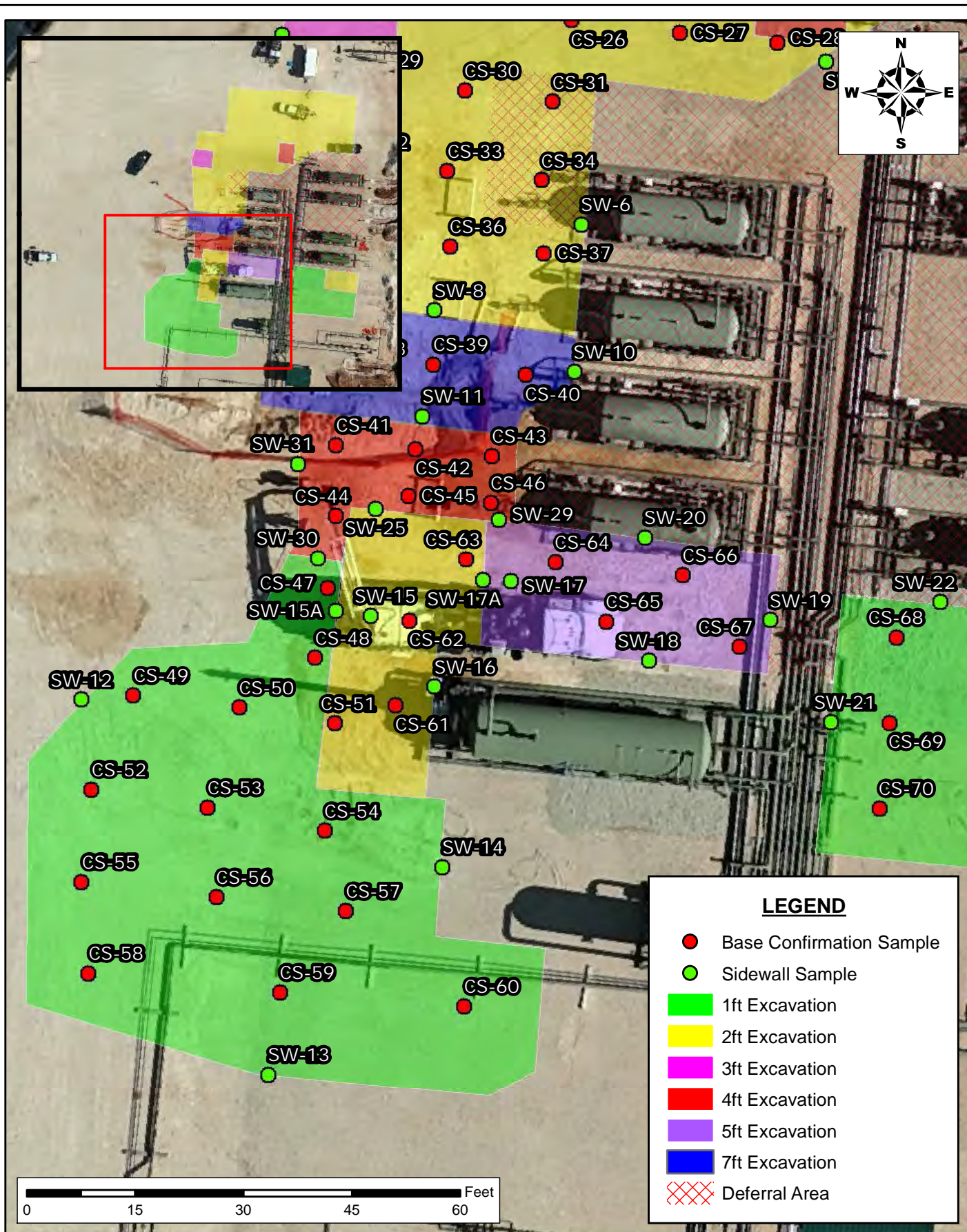
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FIGURE 4

SHEET NUMBER:

2 of 4

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CONFIRMATION SAMPLING MAP (EXPANDED)
SITE CHARACTERIZATION AND DEFERRAL REQUEST
 DEVON ENERGY PRODUCTION COMPANY
 MARWARI 28 CTB 2 (231H)
 LEA COUNTY, NEW MEXICO

SCALE: AS SHOWN DATE: 09/06/2024 PROJECT #: 248541



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NOTES:

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

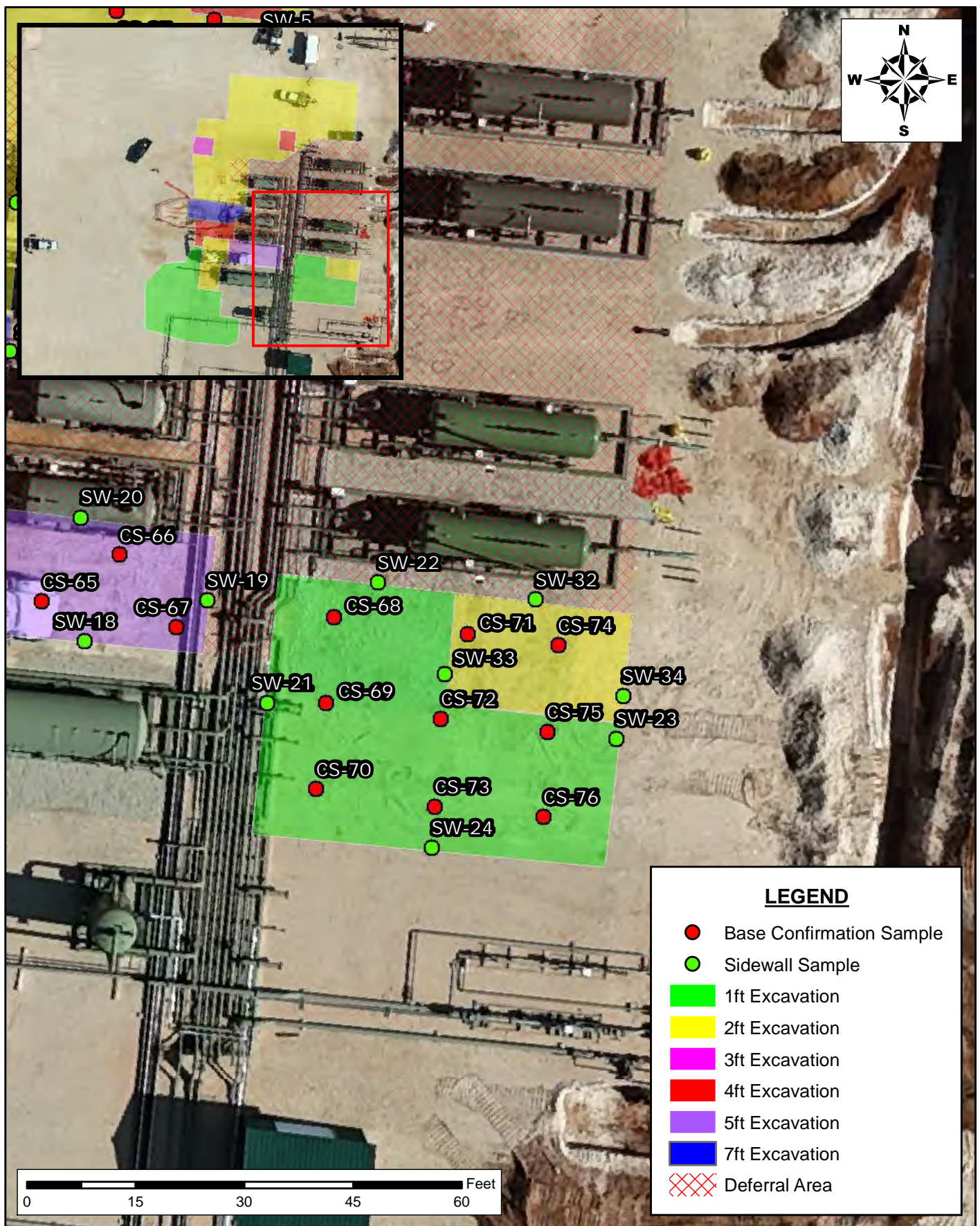
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FIGURE 4

SHEET NUMBER:

3 of 4

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CONFIRMATION SAMPLING MAP (EXPANDED)
SITE CHARACTERIZATION AND DEFERRAL REQUEST
 DEVON ENERGY PRODUCTION COMPANY
 MARWARI 28 CTB 2 (231H)
 LEA COUNTY, NEW MEXICO

SCALE: AS SHOWN

DATE: 09/06/2024

PROJECT #: 248541



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NOTES:

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

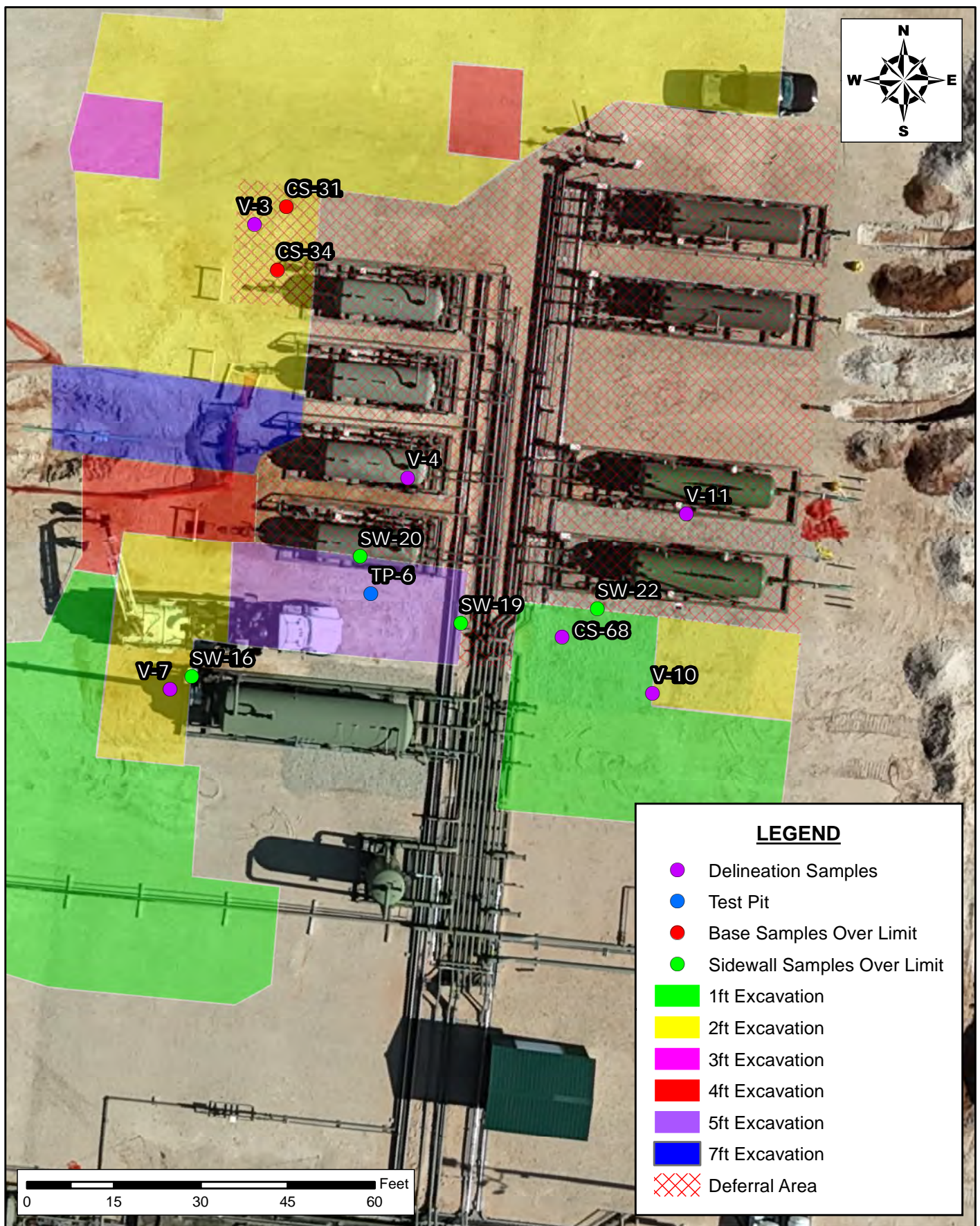
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FIGURE 4

SHEET NUMBER:

4 of 4

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DEFERRAL MAP
SITE CHARACTERIZATION AND DEFERRAL REQUEST
DEVON ENERGY PRODUCTION COMPANY
MARWARI 28 CTB 2 (231H)
LEA COUNTY, NEW MEXICO

SCALE: AS SHOWN DATE: 09/09/2024 PROJECT #: 248541



New Tech Global Environmental, LLC
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NOTES:

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

DRAWING NUMBER:

FIGURE 5

SHEET NUMBER:

1 of 1

SITE CHARACTERIZATION INFORMATION

OCD Well Locations



3/26/2024, 8:16:02 AM

Wells - Large Scale

●

Oil, Active

●

Oil, Cancelled

●

Oil, New

●

Oil, Plugged

■

Karst Occurrence Potential

■

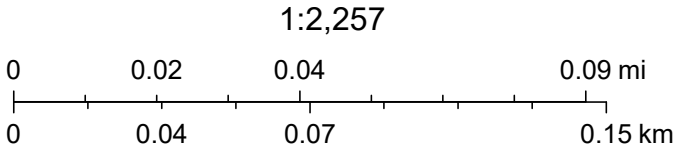
Low

■

PLSS Second Division

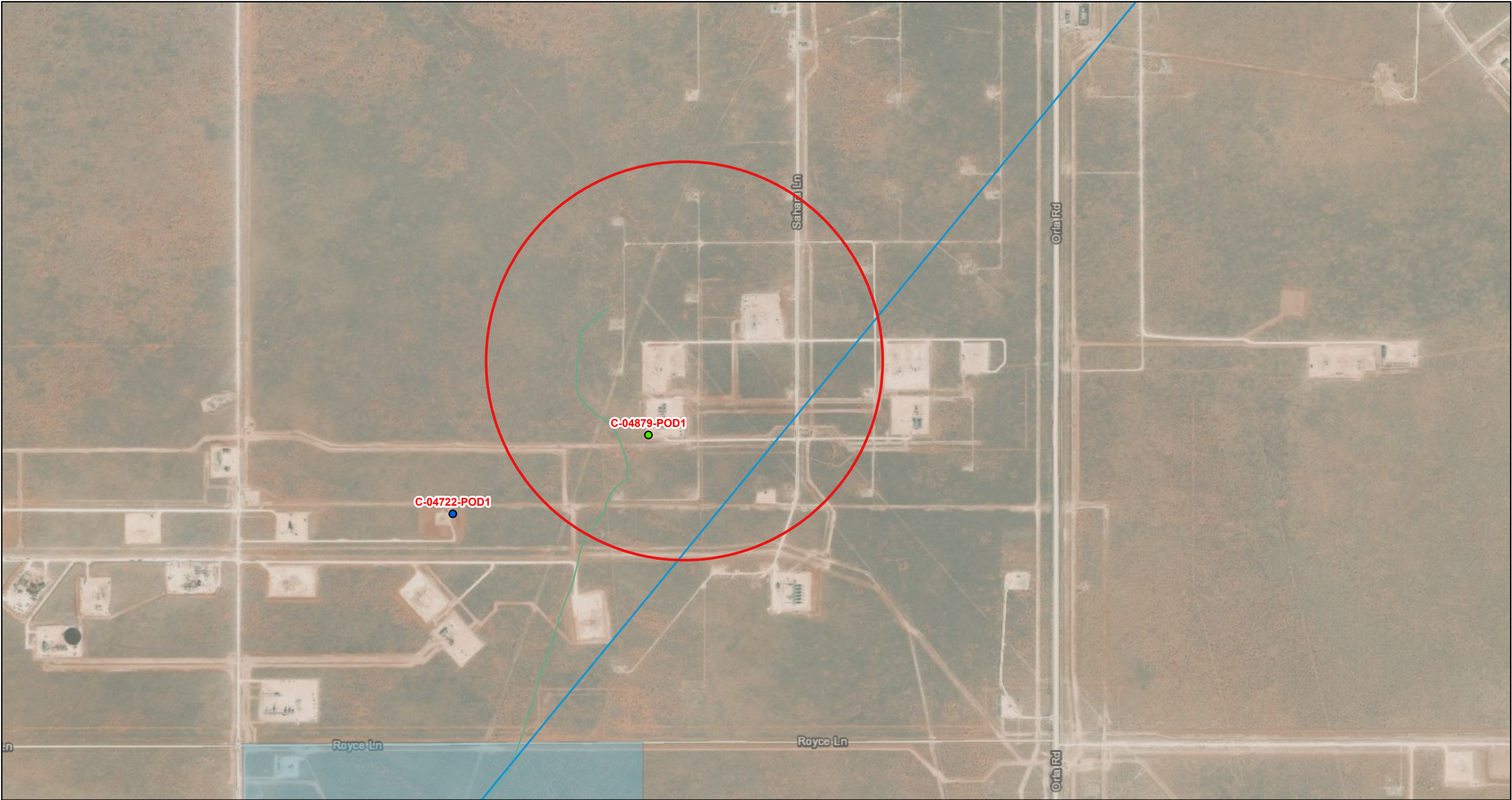
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PLSS First Division



BLM, OCD, New Mexico Tech, Maxar, Microsoft, Oil Conservation Division of the New Mexico Energy, Minerals and Natural Resources Department., USGS, OCD, Esri, HERE, Garmin, iPC, BLM

OSE POD Location Map



10/21/2024, 10:23:10 AM

1:18,056

Override 1

Active

GIS WATERS PODs

Pending

OSE District Boundary

Water Right Regulations

Closure Area

Artesian Planning Area

New Mexico State Trust Lands

Both Estates

NHD Flowlines

Stream River

Esri, HERE, IPC, Esri, HERE, Garmin, IPC, Maxar

Released to Imaging: 2/12/2025 2:48:47 PM

Online web user
This is an unofficial map from the OSE's online application.



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) Pod-1		WELL TAG ID NO.		OSE FILE NO(S). C-4879			
	WELL OWNER NAME(S) Devon Energy Corp.				PHONE (OPTIONAL)			
	WELL OWNER MAILING ADDRESS 205 E. Bender Rd. #150				CITY Hobbs	STATE NM	ZIP 88240	
	WELL LOCATION (FROM GPS)	DEGREES 32	MINUTES 6	SECONDS 19.51	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND		
		LONGITUDE -103	41	12.93	W	* DATUM REQUIRED: WGS 84		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE Unit letter B sec 28, T25S, R32E								
2. DRILLING & CASING INFORMATION	LICENSE NO. WD-1862		NAME OF LICENSED DRILLER James HHawley			NAME OF WELL DRILLING COMPANY H&R Enterprises, LLC		
	DRILLING STARTED 10/7/24	DRILLING ENDED 10/7/24	DEPTH OF COMPLETED WELL (FT) 55		BORE HOLE DEPTH (FT) 55	DEPTH WATER FIRST ENCOUNTERED (FT) Dry Hole		
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN *add Centralizer info below <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A	DATE STATIC MEASURED 10/11/24		
	DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY:					CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>		
	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
				No Casing left in hole				
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE - RANGE BY INTERVAL *(if using Centralizers for Artesian wells- indicate the spacing below)	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						
				N/A				

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO.	POD NO.	TRN NO.
LOCATION	WELL TAG ID NO.	PAGE 1 OF 2

	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	FROM	TO				
4. HYDROGEOLOGIC LOG OF WELL	0	5	5	white caliche	Y <input checked="" type="checkbox"/> N	
	5	15	10	tan sandy caliche	Y <input checked="" type="checkbox"/> N	
	15	45	30	tan sandy clay	Y <input checked="" type="checkbox"/> N	
	45	50	5	red sandy clay	Y <input checked="" type="checkbox"/> N	
	50	55	5	tan sandy clay	Y <input checked="" type="checkbox"/> N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
	METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER – SPECIFY: N/A					TOTAL ESTIMATED WELL YIELD (gpm): 0
5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.				
	MISCELLANEOUS INFORMATION: Well was drilled 10/7/24, no water was encountered, well was gauged 10/11/24, no water found, casing was removed and well bore was plugged in accordance with the approved plugging plan of operations for a dry hole on 10/11/24.					
	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Nathan Smelcer					
6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING: <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="text-align: center;"> _____ SIGNATURE OF DRILLER / PRINT SIGNEE NAME </div> <div style="text-align: center;"> James Hawley _____ DATE </div> <div style="text-align: center;"> 10/11/24 _____ </div> </div>					

FOR USE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 09/22/2022)	
FILE NO.	POD NO.	TRN NO.	
LOCATION	WELL TAG ID NO.	PAGE 2 OF 2	



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-4879 Pod-1
 Well owner: Devon Energy Corp. Phone No.: _____
 Mailing address: 205 E. Bender Rd. #150
 City: Hobbs State: NM Zip code: 88240

II. WELL PLUGGING INFORMATION:

- 1) Name of well drilling company that plugged well: H&R Enterprises, LLC
- 2) New Mexico Well Driller License No.: WD-1862 Expiration Date: 6/25
- 3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s):
Nathan Smelcer
- 4) Date well plugging began: 10/11/24 Date well plugging concluded: 10/11/24
- 5) GPS Well Location: Latitude: 32 deg, 6 min, 19.51 sec
 Longitude: -103 deg, 41 min, 12.93 sec, WGS 84
- 6) Depth of well confirmed at initiation of plugging as: 55 ft below ground level (bgl),
 by the following manner: Well Sounder
- 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: 8/21/24
- 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):

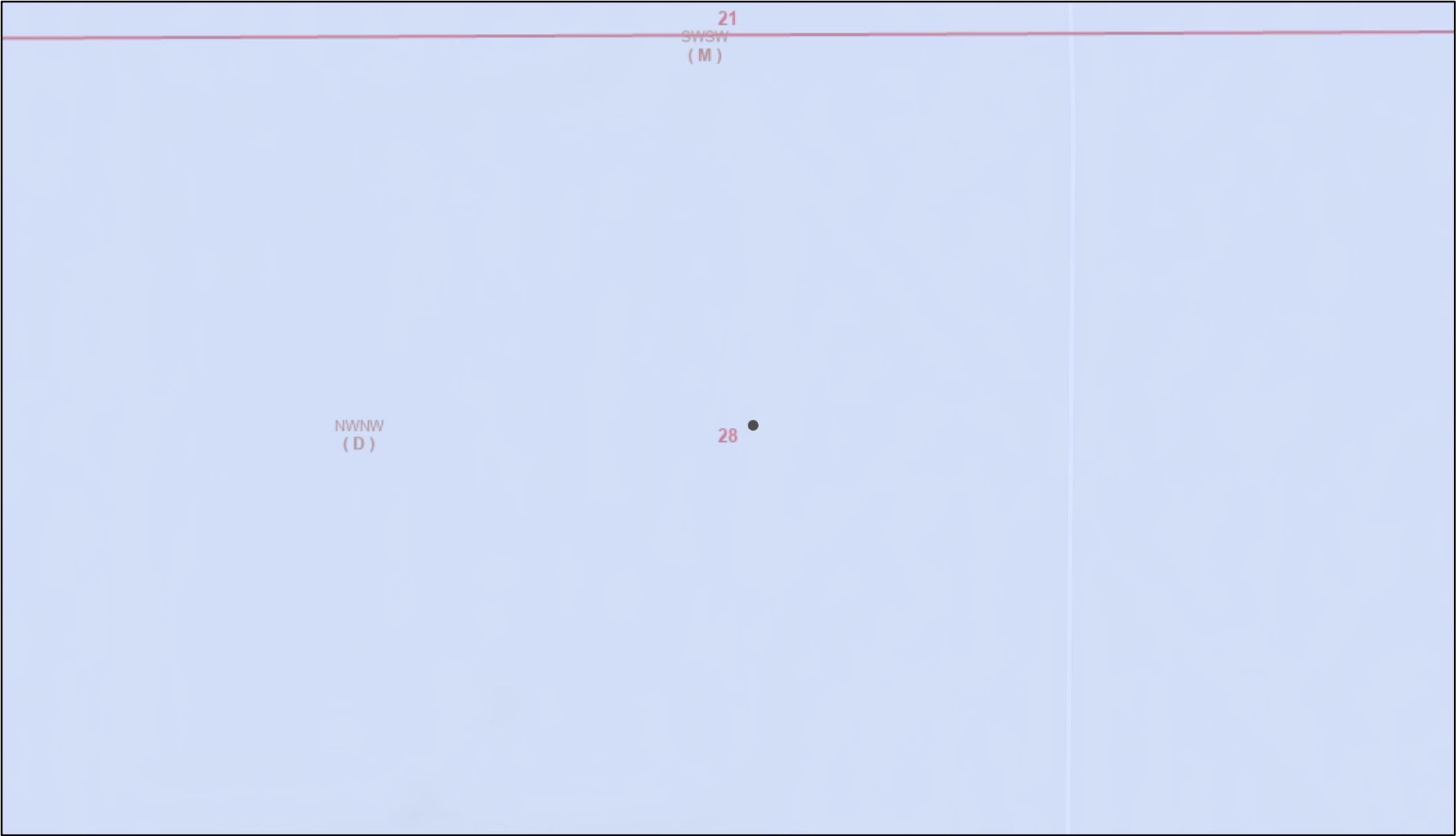
Well was gauged on 10/11/24, no water was found, casing was removed and the 6 inch bore hole was backfilled to 10' BGS with drill cuttings, then hydrated bentonite at 5 gallons of water per sack was poured to surface.

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

III. SIGNATURE:

10/11/24
Date

Site Characterization Map



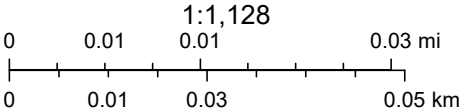
4/5/2024, 12:27:33 PM

Karst Occurrence Potential

Low

PLSS Second Division

PLSS First Division

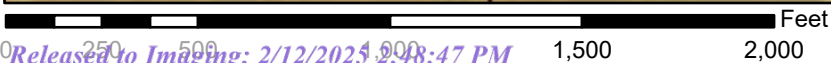
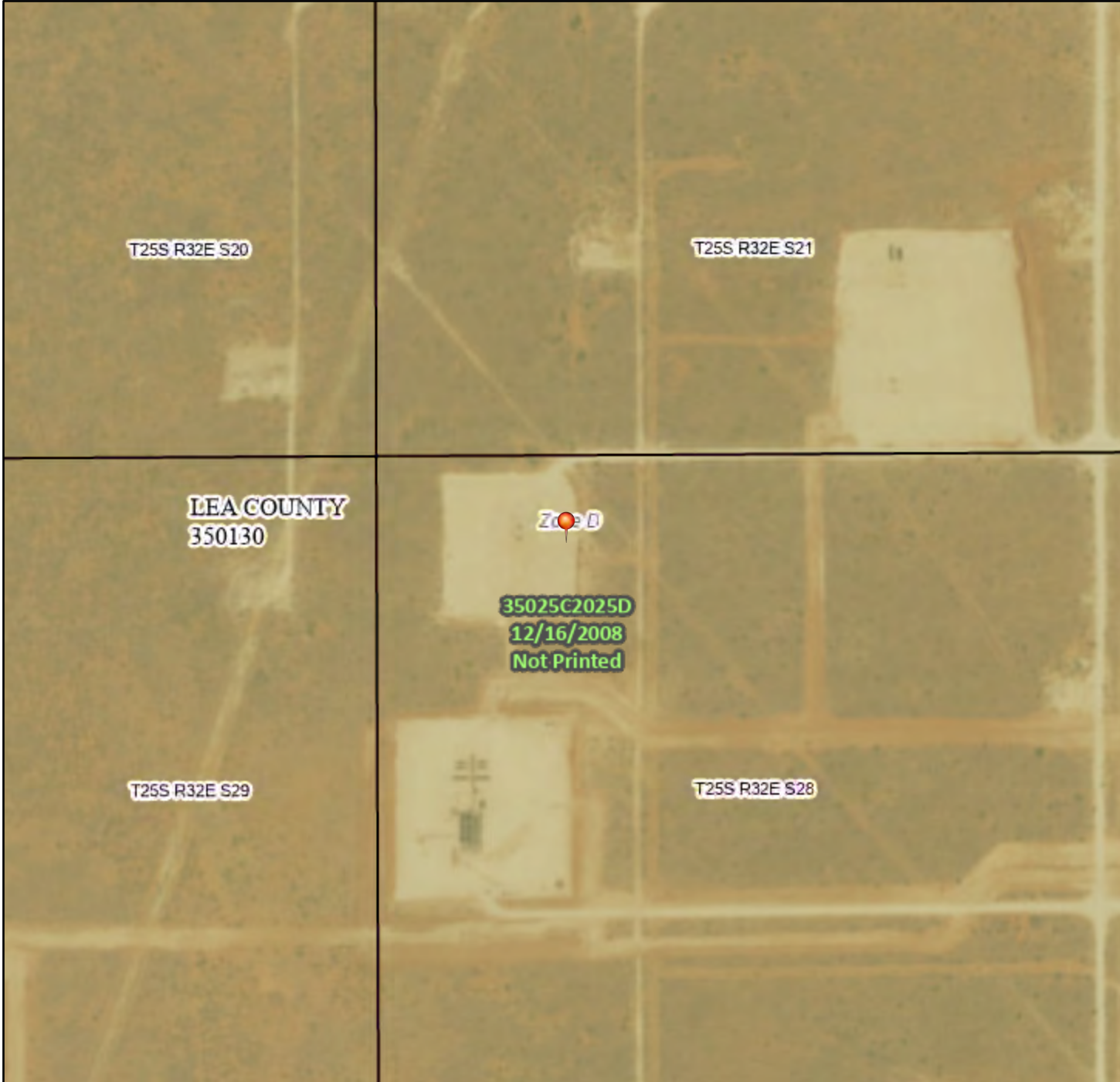


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National Flood Hazard Layer FIRMette



103°41'32"W 32°6'44"N



1:6,000

103°40'54"W 32°6'13"N

Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
MAP PANELS		Profile Baseline
		Hydrographic Feature
		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 3/26/2024 at 10:27 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

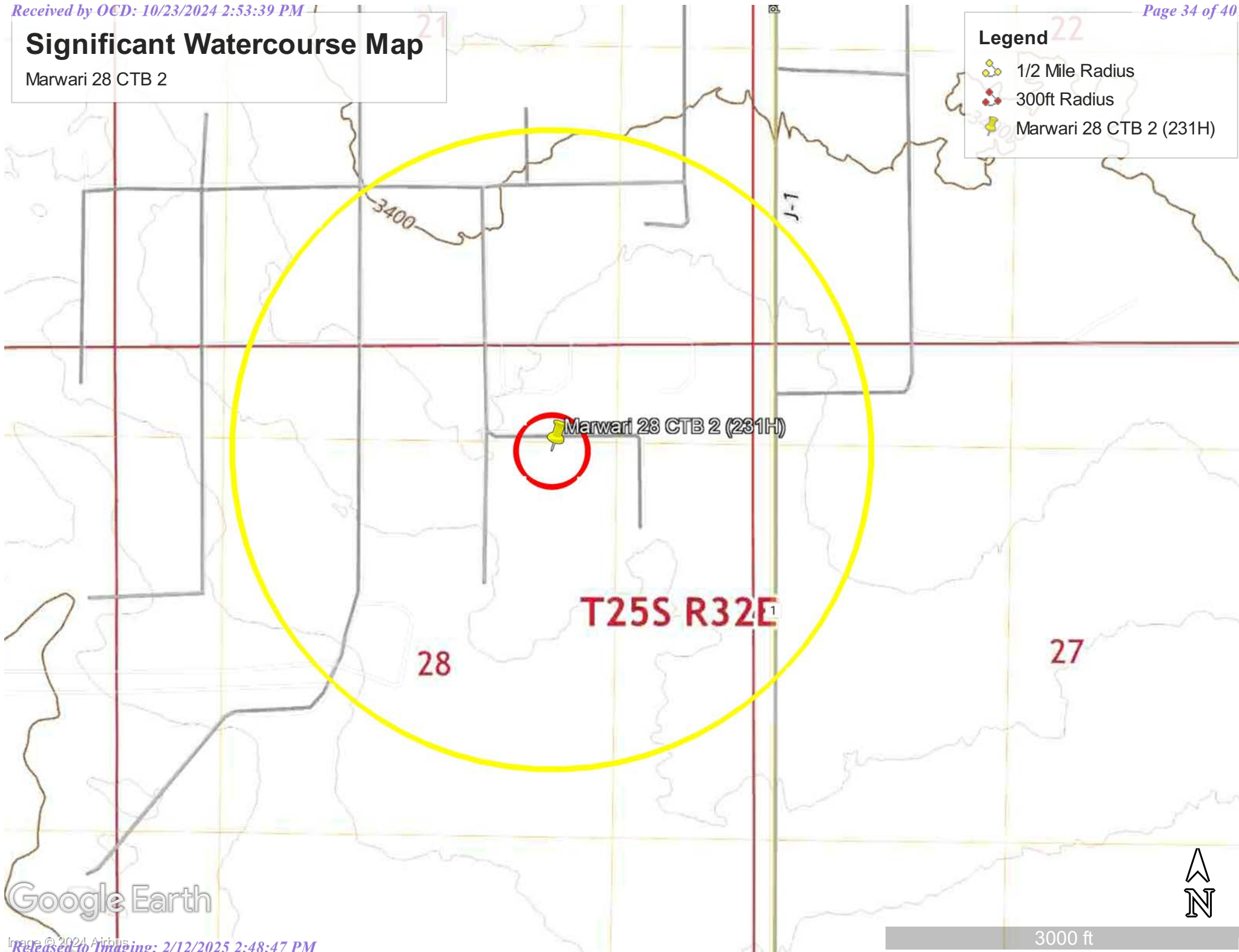
This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory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

Significant Watercourse Map

Marwari 28 CTB 2

Legend

- 1/2 Mile Radius
- 300ft Radius
- Marwari 28 CTB 2 (231H)



Google Earth

3000 ft



Wetlands Inventory



March 26, 2024

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.

PHOTOGRAPHIC LOG

PHOTOGRAPHIC LOG
Devon Energy Production Company
Marwari 28 CTB 2 (231H)

Photograph No. 1**Facility:** Marwari 28 CTB 2 (231H)**County:** Lea County, New Mexico**Description:**
Area of Concern.**Photograph No. 2****Facility:** Marwari 28 CTB 2 (231H)**County:** Lea County, New Mexico**Description:**
Area of Concern.**Photograph No. 3****Facility:** Marwari 28 CTB 2 (231H)**County:** Lea County, New Mexico**Description:**
Area of Concern.

PHOTOGRAPHIC LOG
Devon Energy Production Company
Marwari 28 CTB 2 (231H)

Photograph No. 4

Facility: Marwari 28 CTB 2 (231H)

County: Lea County, New Mexico

Description:
Area of Concern.

**Photograph No. 5**

Facility: Marwari 28 CTB 2 (231H)

County: Lea County, New Mexico

Description:
View of Open Excavation

**Photograph No. 6**

Facility: Marwari 28 CTB 2 (231H)

County: Lea County, New Mexico

Description:
View of Open Excavation



PHOTOGRAPHIC LOG
Devon Energy Production Company
Marwari 28 CTB 2 (231H)

Photograph No. 7

Facility: Marwari 28 CTB 2 (231H)

County: Lea County, New Mexico

Description:
Area of Concern.

**Photograph No. 8**

Facility: Marwari 28 CTB 2 (231H)

County: Lea County, New Mexico

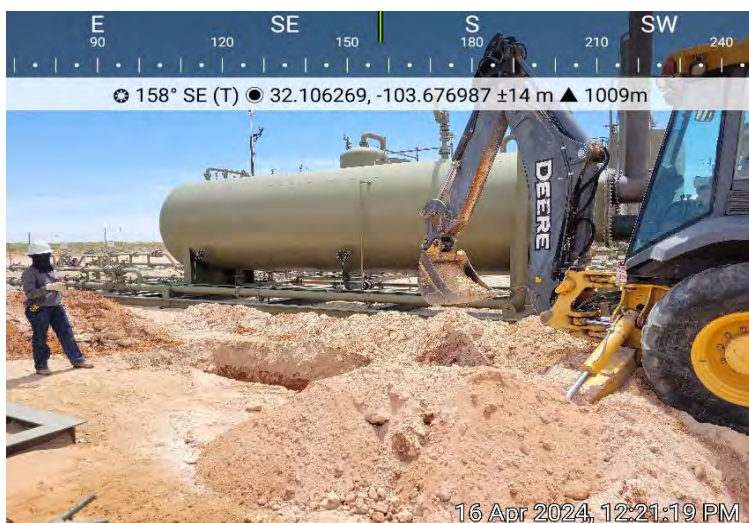
Description:
View of Test Pit

**Photograph No. 9**

Facility: Marwari 28 CTB 2 (231H)

County: Lea County, New Mexico

Description:
View of Test Pit



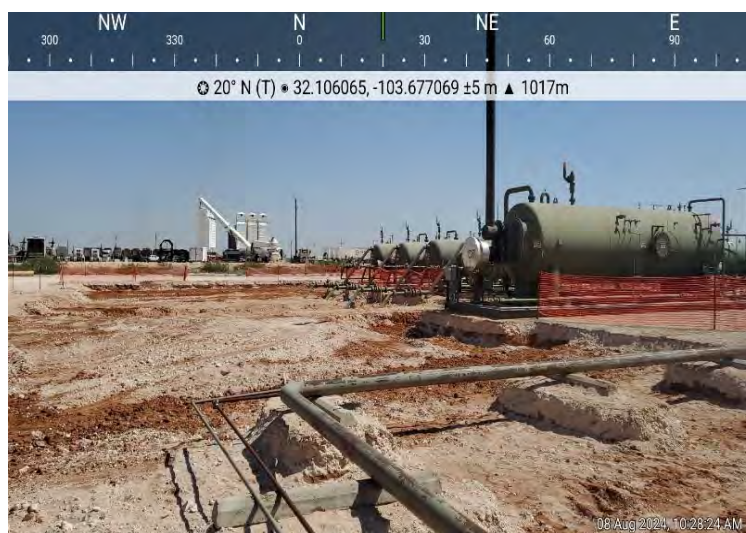
PHOTOGRAPHIC LOG
Devon Energy Production Company
Marwari 28 CTB 2 (231H)

Photograph No. 10

Facility: Marwari 28 CTB 2 (231H)

County: Lea County, New Mexico

Description:
View of Excavation

**Photograph No. 11**

Facility: Marwari 28 CTB 2 (231H)

County: Lea County, New Mexico

Description:
View of Excavation

**Photograph No. 12**

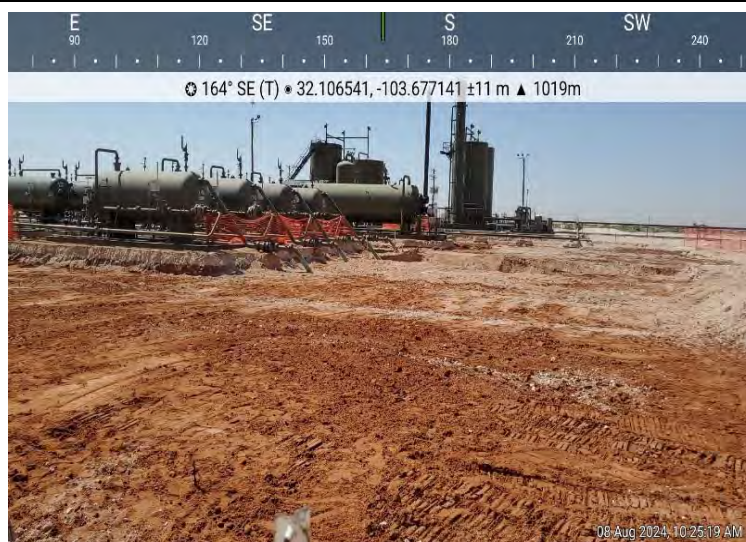
Facility: Marwari 28 CTB 2 (231H)

County: Lea County, New Mexico

Description:
View of Excavation



PHOTOGRAPHIC LOG
Devon Energy Production Company
Marwari 28 CTB 2 (231H)

Photograph No. 13**Facility:** Marwari 28 CTB 2 (231H)**County:** Lea County, New Mexico**Description:**
View of Excavation**Photograph No. 14****Facility:** Marwari 28 CTB 2 (231H)**County:** Lea County, New Mexico**Description:**
View of Excavation**Photograph No. 15****Facility:** Marwari 28 CTB 2 (231H)**County:** Lea County, New Mexico**Description:**
View of Excavation

PHOTOGRAPHIC LOG
Devon Energy Production Company
Marwari 28 CTB 2 (231H)

Photograph No. 16

Facility: Marwari 28 CTB 2 (231H)

County: Lea County, New Mexico

Description:
View of Excavation

**Photograph No. 17**

Facility: Marwari 28 CTB 2 (231H)

County: Lea County, New Mexico

Description:
View of Excavation

**Photograph No. 18**

Facility: Marwari 28 CTB 2 (231H)

County: Lea County, New Mexico

Description:
View of Facility Infrastructure Expansion



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: Marwari 28 CTB 2

Work Order: E403230

Job Number: 01058-0007

Received: 3/25/2024

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/1/24

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: 4/1/24



Ethan Sessums
911 Regional Park Dr.
Houston, TX 77060

Project Name: Marwari 28 CTB 2
Workorder: E403230
Date Received: 3/25/2024 11:30:00AM

Ethan Sessums,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/25/2024 11:30:00AM, under the Project Name: Marwari 28 CTB 2.

The analytical test results summarized in this report with the Project Name: Marwari 28 CTB 2 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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Cell: 775-287-1762
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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 04/01/24 16:13
---	--	-----------------------------

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
V1 0-6"	E403230-01A	Soil	03/21/24	03/25/24	Glass Jar, 2 oz.
V-1 1-1.5'	E403230-02A	Soil	03/21/24	03/25/24	Glass Jar, 2 oz.
V-1 2-2.5'	E403230-03A	Soil	03/21/24	03/25/24	Glass Jar, 2 oz.
V-1 3-3.5'	E403230-04A	Soil	03/21/24	03/25/24	Glass Jar, 2 oz.
V-2 0-6"	E403230-05A	Soil	03/21/24	03/25/24	Glass Jar, 2 oz.
V-2 1-1.5'	E403230-06A	Soil	03/21/24	03/25/24	Glass Jar, 2 oz.
V-2 2-2.5'	E403230-07A	Soil	03/21/24	03/25/24	Glass Jar, 2 oz.
V-2 3-3.5'	E403230-08A	Soil	03/21/24	03/25/24	Glass Jar, 2 oz.
V-3 0-6"	E403230-09A	Soil	03/21/24	03/25/24	Glass Jar, 2 oz.
V-3 1-1.5'	E403230-10A	Soil	03/21/24	03/25/24	Glass Jar, 2 oz.
V-3 2-2.5'	E403230-11A	Soil	03/21/24	03/25/24	Glass Jar, 2 oz.
V-3 3-3.5'	E403230-12A	Soil	03/21/24	03/25/24	Glass Jar, 2 oz.
V-3 4-4.5'	E403230-13A	Soil	03/21/24	03/25/24	Glass Jar, 2 oz.
V-4 0-6"	E403230-14A	Soil	03/21/24	03/25/24	Glass Jar, 2 oz.
V-4 1-1.5'	E403230-15A	Soil	03/21/24	03/25/24	Glass Jar, 2 oz.
V-4 2-2.5'	E403230-16A	Soil	03/21/24	03/25/24	Glass Jar, 2 oz.
V-4 3-3.5'	E403230-17A	Soil	03/21/24	03/25/24	Glass Jar, 2 oz.
V-4 4-4.5'	E403230-18A	Soil	03/21/24	03/25/24	Glass Jar, 2 oz.
V-5 0-6"	E403230-19A	Soil	03/21/24	03/25/24	Glass Jar, 2 oz.
V-5 1-1.5'	E403230-20A	Soil	03/21/24	03/25/24	Glass Jar, 2 oz.
V-5 2-2.5'	E403230-21A	Soil	03/21/24	03/25/24	Glass Jar, 2 oz.
V-5 3-3.5'	E403230-22A	Soil	03/21/24	03/25/24	Glass Jar, 2 oz.
V-5 4-4.5'	E403230-23A	Soil	03/21/24	03/25/24	Glass Jar, 2 oz.
V-6 0-6"	E403230-24A	Soil	03/21/24	03/25/24	Glass Jar, 2 oz.
V-6 1-1.5'	E403230-25A	Soil	03/21/24	03/25/24	Glass Jar, 2 oz.
V-6 2-2.5'	E403230-26A	Soil	03/21/24	03/25/24	Glass Jar, 2 oz.
V-6 3-3.5'	E403230-27A	Soil	03/21/24	03/25/24	Glass Jar, 2 oz.
V-7 0-6"	E403230-28A	Soil	03/21/24	03/25/24	Glass Jar, 2 oz.
V-7 1-1.5'	E403230-29A	Soil	03/21/24	03/25/24	Glass Jar, 2 oz.
V-7 2-2.5'	E403230-30A	Soil	03/21/24	03/25/24	Glass Jar, 2 oz.
V-8 0-6"	E403230-31A	Soil	03/21/24	03/25/24	Glass Jar, 2 oz.
V-8 1-1.5'	E403230-32A	Soil	03/21/24	03/25/24	Glass Jar, 2 oz.
V-9 0-6"	E403230-33A	Soil	03/21/24	03/25/24	Glass Jar, 2 oz.
V-9 1-1.5'	E403230-34A	Soil	03/21/24	03/25/24	Glass Jar, 2 oz.
V-10 0-6"	E403230-35A	Soil	03/21/24	03/25/24	Glass Jar, 2 oz.
V-10 1-1.5'	E403230-36A	Soil	03/21/24	03/25/24	Glass Jar, 2 oz.
V-11 0-6"	E403230-37A	Soil	03/21/24	03/25/24	Glass Jar, 2 oz.
V-11 1-105'	E403230-38A	Soil	03/21/24	03/25/24	Glass Jar, 2 oz.
V-12 0-6"	E403230-39A	Soil	03/21/24	03/25/24	Glass Jar, 2 oz.
V-12 1-1.5'	E403230-40A	Soil	03/21/24	03/25/24	Glass Jar, 2 oz.



Sample Summary

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 04/01/24 16:13
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
V-12 2-2.5'	E403231-01A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.
V-12 3-3.5'	E403231-02A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.
V-12 4-4.5'	E403231-03A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.
V-13 0-6"	E403231-04A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.
V-13 1-1.5'	E403231-05A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.
V-13 2-2.5'	E403231-06A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.
V-14 0-6"	E403231-07A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.
V-14 1-1.5'	E403231-08A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.
V-14 2-2.5'	E403231-09A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.
V-15 0-6"	E403231-10A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.
V-15 1-1.5'	E403231-11A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.
H-1 0-6"	E403231-12A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.
H-2 0-6"	E403231-13A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.
H-3 0-6"	E403231-14A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.
H-4 0-6"	E403231-15A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.
H-5 0-6"	E403231-16A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.
H-6 0-6"	E403231-17A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.
H-7 0-6"	E403231-18A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.
H-8 0-6"	E403231-19A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.
H-9 0-6"	E403231-20A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.
H-10 0-6"	E403231-21A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.
H-11 0-6"	E403231-22A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.
H-12 0-6"	E403231-23A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.
H-13 0-6"	E403231-24A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.
H-14 0-6"	E403231-25A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.
H-15 0-6"	E403231-26A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.
H-16 0-6"	E403231-27A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/1/2024 4:13:13PM
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V1 0-6"
E403230-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413025
Benzene	ND	0.0250	1	03/25/24	03/27/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/27/24	
Toluene	ND	0.0250	1	03/25/24	03/27/24	
o-Xylene	ND	0.0250	1	03/25/24	03/27/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/27/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		103 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		99.6 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413025
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		103 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		99.6 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413058
Diesel Range Organics (C10-C28)	1650	25.0	1	03/26/24	03/29/24	
Oil Range Organics (C28-C36)	553	50.0	1	03/26/24	03/29/24	
Surrogate: n-Nonane		74.8 %	50-200	03/26/24	03/29/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2413042
Chloride	3890	200	10	03/26/24	03/26/24	

Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/1/2024 4:13:13PM
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V-1 1-1.5'

E403230-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413025
Benzene	ND	0.0250	1	03/25/24	03/27/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/27/24	
Toluene	ND	0.0250	1	03/25/24	03/27/24	
o-Xylene	ND	0.0250	1	03/25/24	03/27/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/27/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene	99.9 %	70-130		03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		03/25/24	03/27/24	
Surrogate: Toluene-d8	98.8 %	70-130		03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413025
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene	99.9 %	70-130		03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		03/25/24	03/27/24	
Surrogate: Toluene-d8	98.8 %	70-130		03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413058
Diesel Range Organics (C10-C28)	ND	25.0	1	03/26/24	03/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/24	03/29/24	
Surrogate: n-Nonane	70.6 %	50-200		03/26/24	03/29/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2413042
Chloride	ND	20.0	1	03/26/24	03/26/24	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ethan Sessums

Reported:
4/1/2024 4:13:13PM

V-1 2-2.5'

E403230-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413025
Benzene	ND	0.0250	1	03/25/24	03/27/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/27/24	
Toluene	ND	0.0250	1	03/25/24	03/27/24	
o-Xylene	ND	0.0250	1	03/25/24	03/27/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/27/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene	89.0 %	70-130		03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		03/25/24	03/27/24	
Surrogate: Toluene-d8	105 %	70-130		03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413025
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene	89.0 %	70-130		03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		03/25/24	03/27/24	
Surrogate: Toluene-d8	105 %	70-130		03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413058
Diesel Range Organics (C10-C28)	ND	25.0	1	03/26/24	03/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/24	03/29/24	
Surrogate: n-Nonane	70.4 %	50-200		03/26/24	03/29/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2413042
Chloride	ND	20.0	1	03/26/24	03/26/24	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ethan Sessums

Reported:
4/1/2024 4:13:13PM

V-1 3-3.5'

E403230-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413025
Benzene	ND	0.0250	1	03/25/24	03/27/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/27/24	
Toluene	ND	0.0250	1	03/25/24	03/27/24	
o-Xylene	ND	0.0250	1	03/25/24	03/27/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/27/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene	97.9 %	70-130		03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		03/25/24	03/27/24	
Surrogate: Toluene-d8	98.6 %	70-130		03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413025
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene	97.9 %	70-130		03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		03/25/24	03/27/24	
Surrogate: Toluene-d8	98.6 %	70-130		03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413058
Diesel Range Organics (C10-C28)	27.5	25.0	1	03/26/24	03/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/24	03/29/24	
Surrogate: n-Nonane	70.3 %	50-200		03/26/24	03/29/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2413042
Chloride	90.1	20.0	1	03/26/24	03/26/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/1/2024 4:13:13PM
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V-2 0-6"

E403230-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413025
Benzene	ND	0.0250	1	03/25/24	03/26/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/26/24	
Toluene	ND	0.0250	1	03/25/24	03/26/24	
o-Xylene	ND	0.0250	1	03/25/24	03/26/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/26/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/26/24	
Surrogate: Bromofluorobenzene	96.2 %	70-130		03/25/24	03/26/24	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		03/25/24	03/26/24	
Surrogate: Toluene-d8	100 %	70-130		03/25/24	03/26/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413025
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/26/24	
Surrogate: Bromofluorobenzene	96.2 %	70-130		03/25/24	03/26/24	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		03/25/24	03/26/24	
Surrogate: Toluene-d8	100 %	70-130		03/25/24	03/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413058
Diesel Range Organics (C10-C28)	565	25.0	1	03/26/24	03/29/24	
Oil Range Organics (C28-C36)	208	50.0	1	03/26/24	03/29/24	
Surrogate: n-Nonane	76.2 %	50-200		03/26/24	03/29/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2413042
Chloride	4940	100	5	03/26/24	03/26/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/1/2024 4:13:13PM
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V-2 1-1.5'

E403230-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413025
Benzene	ND	0.0250	1	03/25/24	03/27/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/27/24	
Toluene	ND	0.0250	1	03/25/24	03/27/24	
o-Xylene	ND	0.0250	1	03/25/24	03/27/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/27/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		101 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		99.5 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413025
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		101 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		99.5 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413058
Diesel Range Organics (C10-C28)	119	25.0	1	03/26/24	03/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/24	03/29/24	
Surrogate: n-Nonane		75.1 %	50-200	03/26/24	03/29/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2413042
Chloride	505	20.0	1	03/26/24	03/26/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/1/2024 4:13:13PM
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V-2 2-2.5'

E403230-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413025
Benzene	ND	0.0250	1	03/25/24	03/27/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/27/24	
Toluene	ND	0.0250	1	03/25/24	03/27/24	
o-Xylene	ND	0.0250	1	03/25/24	03/27/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/27/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene	98.3 %	70-130		03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		03/25/24	03/27/24	
Surrogate: Toluene-d8	98.0 %	70-130		03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413025
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene	98.3 %	70-130		03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		03/25/24	03/27/24	
Surrogate: Toluene-d8	98.0 %	70-130		03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413058
Diesel Range Organics (C10-C28)	ND	25.0	1	03/26/24	03/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/24	03/29/24	
Surrogate: n-Nonane	76.5 %	50-200		03/26/24	03/29/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2413042
Chloride	ND	20.0	1	03/26/24	03/26/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/1/2024 4:13:13PM
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V-2 3-3.5'

E403230-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413025
Benzene	ND	0.0250	1	03/25/24	03/27/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/27/24	
Toluene	ND	0.0250	1	03/25/24	03/27/24	
o-Xylene	ND	0.0250	1	03/25/24	03/27/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/27/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		105 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		99.1 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413025
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		105 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		99.1 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413058
Diesel Range Organics (C10-C28)	ND	25.0	1	03/26/24	03/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/24	03/29/24	
Surrogate: n-Nonane		74.9 %	50-200	03/26/24	03/29/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2413042
Chloride	ND	20.0	1	03/26/24	03/26/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/1/2024 4:13:13PM
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V-3 0-6"

E403230-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413025
Benzene	0.620	0.250	10	03/25/24	03/28/24	
Ethylbenzene	3.98	0.250	10	03/25/24	03/28/24	
Toluene	11.1	0.250	10	03/25/24	03/28/24	
o-Xylene	9.25	0.250	10	03/25/24	03/28/24	
p,m-Xylene	28.0	0.500	10	03/25/24	03/28/24	
Total Xylenes	37.2	0.250	10	03/25/24	03/28/24	
Surrogate: Bromofluorobenzene	94.9 %	70-130		03/25/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4	93.6 %	70-130		03/25/24	03/28/24	
Surrogate: Toluene-d8	97.5 %	70-130		03/25/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413025
Gasoline Range Organics (C6-C10)	525	200	10	03/25/24	03/28/24	
Surrogate: Bromofluorobenzene	94.9 %	70-130		03/25/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4	93.6 %	70-130		03/25/24	03/28/24	
Surrogate: Toluene-d8	97.5 %	70-130		03/25/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413058
Diesel Range Organics (C10-C28)	8020	25.0	1	03/26/24	03/29/24	
Oil Range Organics (C28-C36)	1630	50.0	1	03/26/24	03/29/24	
Surrogate: n-Nonane	228 %	50-200		03/26/24	03/29/24	S5
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2413042
Chloride	9190	200	10	03/26/24	03/26/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/1/2024 4:13:13PM
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V-3 1-1.5'

E403230-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413025
Benzene	0.0490	0.0250	1	03/25/24	03/28/24	
Ethylbenzene	0.0515	0.0250	1	03/25/24	03/28/24	
Toluene	0.0630	0.0250	1	03/25/24	03/28/24	
o-Xylene	0.0665	0.0250	1	03/25/24	03/28/24	
p,m-Xylene	0.146	0.0500	1	03/25/24	03/28/24	
Total Xylenes	0.213	0.0250	1	03/25/24	03/28/24	
Surrogate: Bromofluorobenzene	94.2 %	70-130		03/25/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4	97.8 %	70-130		03/25/24	03/28/24	
Surrogate: Toluene-d8	99.3 %	70-130		03/25/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413025
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/28/24	
Surrogate: Bromofluorobenzene	94.2 %	70-130		03/25/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4	97.8 %	70-130		03/25/24	03/28/24	
Surrogate: Toluene-d8	99.3 %	70-130		03/25/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413058
Diesel Range Organics (C10-C28)	28.7	25.0	1	03/26/24	03/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/24	03/29/24	
Surrogate: n-Nonane	73.1 %	50-200		03/26/24	03/29/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2413042
Chloride	812	20.0	1	03/26/24	03/26/24	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ethan Sessums

Reported:
4/1/2024 4:13:13PM

V-3 2-2.5'

E403230-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413025
Benzene	ND	0.0250	1	03/25/24	03/27/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/27/24	
Toluene	ND	0.0250	1	03/25/24	03/27/24	
o-Xylene	ND	0.0250	1	03/25/24	03/27/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/27/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene	98.6 %	70-130		03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4	99.1 %	70-130		03/25/24	03/27/24	
Surrogate: Toluene-d8	99.8 %	70-130		03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413025
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene	98.6 %	70-130		03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4	99.1 %	70-130		03/25/24	03/27/24	
Surrogate: Toluene-d8	99.8 %	70-130		03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413058
Diesel Range Organics (C10-C28)	ND	25.0	1	03/26/24	03/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/24	03/30/24	
Surrogate: n-Nonane	72.5 %	50-200		03/26/24	03/30/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2413042
Chloride	133	20.0	1	03/26/24	03/26/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/1/2024 4:13:13PM
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V-3 3-3.5'

E403230-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413025
Benzene	ND	0.0250	1	03/25/24	03/27/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/27/24	
Toluene	ND	0.0250	1	03/25/24	03/27/24	
o-Xylene	ND	0.0250	1	03/25/24	03/27/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/27/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene	97.9 %	70-130		03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4	98.1 %	70-130		03/25/24	03/27/24	
Surrogate: Toluene-d8	101 %	70-130		03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413025
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene	97.9 %	70-130		03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4	98.1 %	70-130		03/25/24	03/27/24	
Surrogate: Toluene-d8	101 %	70-130		03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413058
Diesel Range Organics (C10-C28)	ND	25.0	1	03/26/24	03/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/24	03/30/24	
Surrogate: n-Nonane	72.9 %	50-200		03/26/24	03/30/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2413042
Chloride	ND	20.0	1	03/26/24	03/26/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/1/2024 4:13:13PM
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V-3 4-4.5'

E403230-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413025
Benzene	ND	0.0250	1	03/25/24	03/27/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/27/24	
Toluene	ND	0.0250	1	03/25/24	03/27/24	
o-Xylene	ND	0.0250	1	03/25/24	03/27/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/27/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene	98.0 %	70-130		03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4	99.4 %	70-130		03/25/24	03/27/24	
Surrogate: Toluene-d8	101 %	70-130		03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413025
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene	98.0 %	70-130		03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4	99.4 %	70-130		03/25/24	03/27/24	
Surrogate: Toluene-d8	101 %	70-130		03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413058
Diesel Range Organics (C10-C28)	ND	25.0	1	03/26/24	03/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/24	03/30/24	
Surrogate: n-Nonane	70.3 %	50-200		03/26/24	03/30/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2413042
Chloride	ND	20.0	1	03/26/24	03/26/24	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ethan Sessums

Reported:
4/1/2024 4:13:13PM

V-4 0-6"

E403230-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413025
Benzene	0.0520	0.0250	1	03/25/24	03/27/24	
Ethylbenzene	1.80	0.0250	1	03/25/24	03/27/24	
Toluene	2.60	0.0250	1	03/25/24	03/27/24	
o-Xylene	6.17	0.0250	1	03/25/24	03/27/24	
p,m-Xylene	16.3	0.0500	1	03/25/24	03/27/24	
Total Xylenes	22.5	0.0250	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		107 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		108 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413025
Gasoline Range Organics (C6-C10)	195	20.0	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		107 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		108 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413058
Diesel Range Organics (C10-C28)	17200	500	20	03/26/24	04/01/24	
Oil Range Organics (C28-C36)	5060	1000	20	03/26/24	04/01/24	
Surrogate: n-Nonane		249 %	50-200	03/26/24	04/01/24	S5
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2413042
Chloride	9410	200	10	03/26/24	03/26/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/1/2024 4:13:13PM
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V-4 1-1.5'

E403230-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413025
Benzene	ND	0.0250	1	03/25/24	03/28/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/28/24	
Toluene	ND	0.0250	1	03/25/24	03/28/24	
o-Xylene	0.0410	0.0250	1	03/25/24	03/28/24	
p,m-Xylene	0.112	0.0500	1	03/25/24	03/28/24	
Total Xylenes	0.153	0.0250	1	03/25/24	03/28/24	
Surrogate: Bromofluorobenzene	94.1 %	70-130		03/25/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4	98.5 %	70-130		03/25/24	03/28/24	
Surrogate: Toluene-d8	99.6 %	70-130		03/25/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413025
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/28/24	
Surrogate: Bromofluorobenzene	94.1 %	70-130		03/25/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4	98.5 %	70-130		03/25/24	03/28/24	
Surrogate: Toluene-d8	99.6 %	70-130		03/25/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413058
Diesel Range Organics (C10-C28)	81.4	25.0	1	03/26/24	04/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/24	04/01/24	
Surrogate: n-Nonane	86.7 %	50-200		03/26/24	04/01/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2413042
Chloride	4870	100	5	03/26/24	03/26/24	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ethan Sessums

Reported:
4/1/2024 4:13:13PM

V-4 2-2.5'

E403230-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413025
Benzene	ND	0.0250	1	03/25/24	03/27/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/27/24	
Toluene	ND	0.0250	1	03/25/24	03/27/24	
o-Xylene	ND	0.0250	1	03/25/24	03/27/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/27/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene	98.5 %	70-130		03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4	94.5 %	70-130		03/25/24	03/27/24	
Surrogate: Toluene-d8	98.0 %	70-130		03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413025
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene	98.5 %	70-130		03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4	94.5 %	70-130		03/25/24	03/27/24	
Surrogate: Toluene-d8	98.0 %	70-130		03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413058
Diesel Range Organics (C10-C28)	ND	25.0	1	03/26/24	03/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/24	03/30/24	
Surrogate: n-Nonane	70.2 %	50-200		03/26/24	03/30/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2413042
Chloride	4010	40.0	2	03/26/24	03/27/24	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ethan Sessums

Reported:
4/1/2024 4:13:13PM

V-4 3-3.5'

E403230-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413025
Benzene	ND	0.0250	1	03/25/24	03/27/24	
Ethylbenzene	0.0300	0.0250	1	03/25/24	03/27/24	
Toluene	ND	0.0250	1	03/25/24	03/27/24	
o-Xylene	0.132	0.0250	1	03/25/24	03/27/24	
p,m-Xylene	0.298	0.0500	1	03/25/24	03/27/24	
Total Xylenes	0.429	0.0250	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene	105 %	70-130		03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4	94.9 %	70-130		03/25/24	03/27/24	
Surrogate: Toluene-d8	101 %	70-130		03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413025
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene	105 %	70-130		03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4	94.9 %	70-130		03/25/24	03/27/24	
Surrogate: Toluene-d8	101 %	70-130		03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413058
Diesel Range Organics (C10-C28)	769	25.0	1	03/26/24	03/30/24	
Oil Range Organics (C28-C36)	261	50.0	1	03/26/24	03/30/24	
Surrogate: n-Nonane	75.8 %	50-200		03/26/24	03/30/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2413042
Chloride	8170	200	10	03/26/24	03/27/24	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ethan Sessums

Reported:
4/1/2024 4:13:13PM

V-4 4-4.5'

E403230-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413025
Benzene	ND	0.0250	1	03/25/24	03/27/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/27/24	
Toluene	ND	0.0250	1	03/25/24	03/27/24	
o-Xylene	0.0425	0.0250	1	03/25/24	03/27/24	
p,m-Xylene	0.100	0.0500	1	03/25/24	03/27/24	
Total Xylenes	0.143	0.0250	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		101 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		96.3 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		101 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413025
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		101 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		96.3 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		101 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413058
Diesel Range Organics (C10-C28)	519	25.0	1	03/26/24	03/30/24	
Oil Range Organics (C28-C36)	194	50.0	1	03/26/24	03/30/24	
Surrogate: n-Nonane		70.5 %	50-200	03/26/24	03/30/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2413042
Chloride	5000	100	5	03/26/24	03/27/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/1/2024 4:13:13PM
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V-5 0-6"

E403230-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413025
Benzene	ND	0.0250	1	03/25/24	03/27/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/27/24	
Toluene	ND	0.0250	1	03/25/24	03/27/24	
o-Xylene	ND	0.0250	1	03/25/24	03/27/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/27/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		101 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		99.0 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413025
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		101 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		99.0 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413058
Diesel Range Organics (C10-C28)	69.2	25.0	1	03/26/24	03/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/24	03/30/24	
Surrogate: n-Nonane		70.0 %	50-200	03/26/24	03/30/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2413042
Chloride	6610	200	10	03/26/24	03/27/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/1/2024 4:13:13PM
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V-5 1-1.5'

E403230-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413025
Benzene	ND	0.0250	1	03/25/24	03/27/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/27/24	
Toluene	ND	0.0250	1	03/25/24	03/27/24	
o-Xylene	ND	0.0250	1	03/25/24	03/27/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/27/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene	98.0 %	70-130		03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4	98.9 %	70-130		03/25/24	03/27/24	
Surrogate: Toluene-d8	100 %	70-130		03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413025
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene	98.0 %	70-130		03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4	98.9 %	70-130		03/25/24	03/27/24	
Surrogate: Toluene-d8	100 %	70-130		03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413058
Diesel Range Organics (C10-C28)	91.6	25.0	1	03/26/24	03/30/24	
Oil Range Organics (C28-C36)	52.3	50.0	1	03/26/24	03/30/24	
Surrogate: n-Nonane	70.3 %	50-200		03/26/24	03/30/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2413042
Chloride	7830	200	10	03/26/24	03/27/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/1/2024 4:13:13PM
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V-5 2-2.5'

E403230-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2413026
Benzene	ND	0.0250	1	03/25/24	03/27/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/27/24	
Toluene	ND	0.0250	1	03/25/24	03/27/24	
o-Xylene	ND	0.0250	1	03/25/24	03/27/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/27/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		111 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		92.7 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		107 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2413026
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		111 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		92.7 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		107 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413059
Diesel Range Organics (C10-C28)	ND	25.0	1	03/26/24	04/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/24	04/01/24	
Surrogate: n-Nonane		83.8 %	50-200	03/26/24	04/01/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2413043
Chloride	1480	20.0	1	03/26/24	03/26/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/1/2024 4:13:13PM
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V-5 3-3.5'

E403230-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2413026
Benzene	ND	0.0250	1	03/25/24	03/27/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/27/24	
Toluene	ND	0.0250	1	03/25/24	03/27/24	
o-Xylene	ND	0.0250	1	03/25/24	03/27/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/27/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		107 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		93.1 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		107 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2413026
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		107 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		93.1 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		107 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413059
Diesel Range Organics (C10-C28)	ND	25.0	1	03/26/24	04/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/24	04/01/24	
Surrogate: n-Nonane		84.0 %	50-200	03/26/24	04/01/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2413043
Chloride	1140	20.0	1	03/26/24	03/26/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/1/2024 4:13:13PM
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V-5 4-4.5'

E403230-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2413026
Benzene	ND	0.0250	1	03/25/24	03/27/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/27/24	
Toluene	ND	0.0250	1	03/25/24	03/27/24	
o-Xylene	ND	0.0250	1	03/25/24	03/27/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/27/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		107 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		94.2 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		105 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2413026
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		107 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		94.2 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		105 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413059
Diesel Range Organics (C10-C28)	ND	25.0	1	03/26/24	03/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/24	03/29/24	
Surrogate: n-Nonane		91.5 %	50-200	03/26/24	03/29/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2413043
Chloride	2070	20.0	1	03/26/24	03/26/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/1/2024 4:13:13PM
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V-6 0-6"

E403230-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY		Batch: 2413026	
Benzene	4.51	0.125	5	03/25/24	03/27/24	
Ethylbenzene	7.54	0.125	5	03/25/24	03/27/24	
Toluene	34.2	0.125	5	03/25/24	03/27/24	
o-Xylene	17.6	0.125	5	03/25/24	03/27/24	
p,m-Xylene	52.5	0.250	5	03/25/24	03/27/24	
Total Xylenes	70.0	0.125	5	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene	110 %	70-130		03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4	89.7 %	70-130		03/25/24	03/27/24	
Surrogate: Toluene-d8	120 %	70-130		03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2413026	
Gasoline Range Organics (C6-C10)	695	100	5	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene	110 %	70-130		03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4	89.7 %	70-130		03/25/24	03/27/24	
Surrogate: Toluene-d8	120 %	70-130		03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2413059	
Diesel Range Organics (C10-C28)	27600	1250	50	03/26/24	04/01/24	
Oil Range Organics (C28-C36)	7830	2500	50	03/26/24	04/01/24	
Surrogate: n-Nonane	563 %	50-200		03/26/24	04/01/24	S5
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF		Batch: 2413043	
Chloride	9850	200	10	03/26/24	03/26/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/1/2024 4:13:13PM
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V-6 1-1.5'

E403230-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2413026	
Benzene	ND	0.0250	1	03/25/24	03/27/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/27/24	
Toluene	0.0340	0.0250	1	03/25/24	03/27/24	
o-Xylene	0.0355	0.0250	1	03/25/24	03/27/24	
p,m-Xylene	0.0815	0.0500	1	03/25/24	03/27/24	
Total Xylenes	0.117	0.0250	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene	109 %	70-130		03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4	89.4 %	70-130		03/25/24	03/27/24	
Surrogate: Toluene-d8	110 %	70-130		03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2413026	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene	109 %	70-130		03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4	89.4 %	70-130		03/25/24	03/27/24	
Surrogate: Toluene-d8	110 %	70-130		03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2413059	
Diesel Range Organics (C10-C28)	155	25.0	1	03/26/24	04/01/24	
Oil Range Organics (C28-C36)	76.5	50.0	1	03/26/24	04/01/24	
Surrogate: n-Nonane	92.5 %	50-200		03/26/24	04/01/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: WF		Batch: 2413043	
Chloride	1840	20.0	1	03/26/24	03/26/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/1/2024 4:13:13PM
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V-6 2-2.5'

E403230-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2413026
Benzene	ND	0.0250	1	03/25/24	03/27/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/27/24	
Toluene	ND	0.0250	1	03/25/24	03/27/24	
o-Xylene	ND	0.0250	1	03/25/24	03/27/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/27/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		107 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		94.5 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		106 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2413026
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		107 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		94.5 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		106 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413059
Diesel Range Organics (C10-C28)	ND	25.0	1	03/26/24	04/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/24	04/01/24	
Surrogate: n-Nonane		85.9 %	50-200	03/26/24	04/01/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2413043
Chloride	359	20.0	1	03/26/24	03/26/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/1/2024 4:13:13PM
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V-6 3-3.5'

E403230-27

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2413026	
Benzene	ND	0.0250	1	03/25/24	03/27/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/27/24	
Toluene	ND	0.0250	1	03/25/24	03/27/24	
o-Xylene	ND	0.0250	1	03/25/24	03/27/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/27/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		111 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		104 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2413026	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		111 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		104 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2413059	
Diesel Range Organics (C10-C28)	176	25.0	1	03/26/24	04/01/24	
Oil Range Organics (C28-C36)	76.1	50.0	1	03/26/24	04/01/24	
Surrogate: n-Nonane		95.2 %	50-200	03/26/24	04/01/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: WF		Batch: 2413043	
Chloride	332	20.0	1	03/26/24	03/26/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/1/2024 4:13:13PM
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V-7 0-6"

E403230-28

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2413026
Benzene	0.285	0.0250	1	03/25/24	03/27/24	
Ethylbenzene	1.64	0.0250	1	03/25/24	03/27/24	
Toluene	5.20	0.0250	1	03/25/24	03/27/24	
o-Xylene	3.65	0.0250	1	03/25/24	03/27/24	
p,m-Xylene	11.6	0.0500	1	03/25/24	03/27/24	
Total Xylenes	15.2	0.0250	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		110 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		95.1 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		119 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2413026
Gasoline Range Organics (C6-C10)	194	20.0	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		110 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		95.1 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		119 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413059
Diesel Range Organics (C10-C28)	2100	50.0	2	03/26/24	04/01/24	
Oil Range Organics (C28-C36)	556	100	2	03/26/24	04/01/24	
Surrogate: n-Nonane		162 %	50-200	03/26/24	04/01/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2413043
Chloride	4590	100	5	03/26/24	03/26/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/1/2024 4:13:13PM
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V-7 1-1.5'

E403230-29

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2413026
Benzene	ND	0.0250	1	03/25/24	03/27/24	
Ethylbenzene	0.0755	0.0250	1	03/25/24	03/27/24	
Toluene	0.165	0.0250	1	03/25/24	03/27/24	
o-Xylene	0.228	0.0250	1	03/25/24	03/27/24	
p,m-Xylene	0.607	0.0500	1	03/25/24	03/27/24	
Total Xylenes	0.834	0.0250	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		111 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		92.3 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		110 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2413026
Gasoline Range Organics (C6-C10)	30.0	20.0	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		111 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		92.3 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		110 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413059
Diesel Range Organics (C10-C28)	186	25.0	1	03/26/24	03/30/24	
Oil Range Organics (C28-C36)	99.7	50.0	1	03/26/24	03/30/24	
Surrogate: n-Nonane		96.2 %	50-200	03/26/24	03/30/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2413043
Chloride	76.1	20.0	1	03/26/24	03/26/24	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ethan Sessums

Reported:
4/1/2024 4:13:13PM

V-7 2-2.5'

E403230-30

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2413026
Benzene	ND	0.0250	1	03/25/24	03/27/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/27/24	
Toluene	ND	0.0250	1	03/25/24	03/27/24	
o-Xylene	ND	0.0250	1	03/25/24	03/27/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/27/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		111 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		92.0 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		106 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2413026
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		111 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		92.0 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		106 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413059
Diesel Range Organics (C10-C28)	ND	25.0	1	03/26/24	03/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/24	03/30/24	
Surrogate: n-Nonane		89.9 %	50-200	03/26/24	03/30/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2413043
Chloride	22.9	20.0	1	03/26/24	03/26/24	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ethan Sessums

Reported:
4/1/2024 4:13:13PM

V-8 0-6"

E403230-31

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2413026
Benzene	0.0745	0.0250	1	03/25/24	03/27/24	
Ethylbenzene	2.40	0.0250	1	03/25/24	03/27/24	
Toluene	3.92	0.0250	1	03/25/24	03/27/24	
o-Xylene	6.44	0.0250	1	03/25/24	03/27/24	
p,m-Xylene	18.1	0.0500	1	03/25/24	03/27/24	
Total Xylenes	24.5	0.0250	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		112 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		94.4 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		118 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2413026
Gasoline Range Organics (C6-C10)	238	20.0	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		112 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		94.4 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		118 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413059
Diesel Range Organics (C10-C28)	5730	25.0	1	03/26/24	03/30/24	
Oil Range Organics (C28-C36)	1490	50.0	1	03/26/24	03/30/24	
Surrogate: n-Nonane		231 %	50-200	03/26/24	03/30/24	S5
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2413043
Chloride	8330	200	10	03/26/24	03/26/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/1/2024 4:13:13PM
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V-8 1-1.5'

E403230-32

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2413026
Benzene	ND	0.0250	1	03/25/24	03/28/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/28/24	
Toluene	ND	0.0250	1	03/25/24	03/28/24	
o-Xylene	ND	0.0250	1	03/25/24	03/28/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/28/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/28/24	
Surrogate: Bromofluorobenzene		110 %	70-130	03/25/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		91.1 %	70-130	03/25/24	03/28/24	
Surrogate: Toluene-d8		107 %	70-130	03/25/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2413026
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/28/24	
Surrogate: Bromofluorobenzene		110 %	70-130	03/25/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		91.1 %	70-130	03/25/24	03/28/24	
Surrogate: Toluene-d8		107 %	70-130	03/25/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413059
Diesel Range Organics (C10-C28)	ND	25.0	1	03/26/24	03/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/24	03/30/24	
Surrogate: n-Nonane		96.8 %	50-200	03/26/24	03/30/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2413043
Chloride	43.1	20.0	1	03/26/24	03/26/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/1/2024 4:13:13PM
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V-9 0-6"

E403230-33

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2413026	
Benzene	1.23	0.250	10	03/25/24	03/28/24	
Ethylbenzene	8.94	0.250	10	03/25/24	03/28/24	
Toluene	29.6	0.250	10	03/25/24	03/28/24	
o-Xylene	19.7	0.250	10	03/25/24	03/28/24	
p,m-Xylene	61.8	0.500	10	03/25/24	03/28/24	
Total Xylenes	81.6	0.250	10	03/25/24	03/28/24	
Surrogate: Bromofluorobenzene	108 %	70-130		03/25/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4	90.6 %	70-130		03/25/24	03/28/24	
Surrogate: Toluene-d8	114 %	70-130		03/25/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2413026	
Gasoline Range Organics (C6-C10)	871	200	10	03/25/24	03/28/24	
Surrogate: Bromofluorobenzene	108 %	70-130		03/25/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4	90.6 %	70-130		03/25/24	03/28/24	
Surrogate: Toluene-d8	114 %	70-130		03/25/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2413059	
Diesel Range Organics (C10-C28)	9330	25.0	1	03/26/24	03/30/24	
Oil Range Organics (C28-C36)	2350	50.0	1	03/26/24	03/30/24	
Surrogate: n-Nonane	435 %	50-200		03/26/24	03/30/24	S5
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: WF		Batch: 2413043	
Chloride	8000	200	10	03/26/24	03/26/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/1/2024 4:13:13PM
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V-9 1-1.5'

E403230-34

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2413026
Benzene	ND	0.0250	1	03/25/24	03/28/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/28/24	
Toluene	ND	0.0250	1	03/25/24	03/28/24	
o-Xylene	ND	0.0250	1	03/25/24	03/28/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/28/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/28/24	
Surrogate: Bromofluorobenzene		109 %	70-130	03/25/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		94.5 %	70-130	03/25/24	03/28/24	
Surrogate: Toluene-d8		108 %	70-130	03/25/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2413026
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/28/24	
Surrogate: Bromofluorobenzene		109 %	70-130	03/25/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		94.5 %	70-130	03/25/24	03/28/24	
Surrogate: Toluene-d8		108 %	70-130	03/25/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413059
Diesel Range Organics (C10-C28)	27.0	25.0	1	03/26/24	04/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/24	04/01/24	
Surrogate: n-Nonane		89.6 %	50-200	03/26/24	04/01/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2413043
Chloride	28.8	20.0	1	03/26/24	03/26/24	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ethan Sessums

Reported:
4/1/2024 4:13:13PM

V-10 0-6"

E403230-35

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2413026
Benzene	ND	0.0250	1	03/25/24	03/27/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/27/24	
Toluene	ND	0.0250	1	03/25/24	03/27/24	
o-Xylene	ND	0.0250	1	03/25/24	03/27/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/27/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		111 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		90.1 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		105 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2413026
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		111 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		90.1 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		105 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413059
Diesel Range Organics (C10-C28)	ND	25.0	1	03/26/24	03/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/24	03/30/24	
Surrogate: n-Nonane		88.5 %	50-200	03/26/24	03/30/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2413043
Chloride	8230	200	10	03/26/24	03/26/24	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ethan Sessums

Reported:
4/1/2024 4:13:13PM

V-10 1-1.5'

E403230-36

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2413026
Benzene	ND	0.0250	1	03/25/24	03/28/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/28/24	
Toluene	ND	0.0250	1	03/25/24	03/28/24	
o-Xylene	ND	0.0250	1	03/25/24	03/28/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/28/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/28/24	
Surrogate: Bromofluorobenzene		109 %	70-130	03/25/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		90.4 %	70-130	03/25/24	03/28/24	
Surrogate: Toluene-d8		105 %	70-130	03/25/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2413026
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/28/24	
Surrogate: Bromofluorobenzene		109 %	70-130	03/25/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		90.4 %	70-130	03/25/24	03/28/24	
Surrogate: Toluene-d8		105 %	70-130	03/25/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413059
Diesel Range Organics (C10-C28)	ND	25.0	1	03/26/24	03/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/24	03/30/24	
Surrogate: n-Nonane		94.8 %	50-200	03/26/24	03/30/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2413043
Chloride	41.4	20.0	1	03/26/24	03/26/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/1/2024 4:13:13PM
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V-11 0-6"

E403230-37

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2413026	
Benzene	ND	0.0250	1	03/25/24	03/28/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/28/24	
Toluene	ND	0.0250	1	03/25/24	03/28/24	
o-Xylene	ND	0.0250	1	03/25/24	03/28/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/28/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/28/24	
Surrogate: Bromofluorobenzene		110 %	70-130	03/25/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70-130	03/25/24	03/28/24	
Surrogate: Toluene-d8		105 %	70-130	03/25/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2413026	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/28/24	
Surrogate: Bromofluorobenzene		110 %	70-130	03/25/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70-130	03/25/24	03/28/24	
Surrogate: Toluene-d8		105 %	70-130	03/25/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2413059	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/26/24	03/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/24	03/30/24	
Surrogate: n-Nonane		87.8 %	50-200	03/26/24	03/30/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: WF		Batch: 2413043	
Chloride	7440	200	10	03/26/24	03/26/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/1/2024 4:13:13PM
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V-11 1-105'
E403230-38

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2413026	
Benzene	ND	0.0250	1	03/25/24	03/28/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/28/24	
Toluene	ND	0.0250	1	03/25/24	03/28/24	
o-Xylene	ND	0.0250	1	03/25/24	03/28/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/28/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/28/24	
Surrogate: Bromofluorobenzene	108 %	70-130		03/25/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4	97.5 %	70-130		03/25/24	03/28/24	
Surrogate: Toluene-d8	107 %	70-130		03/25/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2413026	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/28/24	
Surrogate: Bromofluorobenzene	108 %	70-130		03/25/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4	97.5 %	70-130		03/25/24	03/28/24	
Surrogate: Toluene-d8	107 %	70-130		03/25/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2413059	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/26/24	03/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/24	03/30/24	
Surrogate: n-Nonane	93.5 %	50-200		03/26/24	03/30/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: WF		Batch: 2413043	
Chloride	121	20.0	1	03/26/24	03/26/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/1/2024 4:13:13PM
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V-12 0-6"

E403230-39

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2413026
Benzene	ND	0.0250	1	03/25/24	03/28/24	
Ethylbenzene	0.0935	0.0250	1	03/25/24	03/28/24	
Toluene	ND	0.0250	1	03/25/24	03/28/24	
o-Xylene	0.449	0.0250	1	03/25/24	03/28/24	
p,m-Xylene	1.36	0.0500	1	03/25/24	03/28/24	
Total Xylenes	1.81	0.0250	1	03/25/24	03/28/24	
Surrogate: Bromofluorobenzene		112 %	70-130	03/25/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		93.8 %	70-130	03/25/24	03/28/24	
Surrogate: Toluene-d8		112 %	70-130	03/25/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2413026
Gasoline Range Organics (C6-C10)	46.2	20.0	1	03/25/24	03/28/24	
Surrogate: Bromofluorobenzene		112 %	70-130	03/25/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		93.8 %	70-130	03/25/24	03/28/24	
Surrogate: Toluene-d8		112 %	70-130	03/25/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413059
Diesel Range Organics (C10-C28)	2780	25.0	1	03/26/24	03/30/24	
Oil Range Organics (C28-C36)	879	50.0	1	03/26/24	03/30/24	
Surrogate: n-Nonane		108 %	50-200	03/26/24	03/30/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2413043
Chloride	9860	200	10	03/26/24	03/26/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/1/2024 4:13:13PM
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V-12 1-1.5'
E403230-40

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2413026
Benzene	ND	0.0250	1	03/25/24	03/28/24	
Ethylbenzene	0.368	0.0250	1	03/25/24	03/28/24	
Toluene	ND	0.0250	1	03/25/24	03/28/24	
o-Xylene	1.56	0.0250	1	03/25/24	03/28/24	
p,m-Xylene	4.88	0.0500	1	03/25/24	03/28/24	
Total Xylenes	6.45	0.0250	1	03/25/24	03/28/24	
Surrogate: Bromofluorobenzene		110 %	70-130	03/25/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130	03/25/24	03/28/24	
Surrogate: Toluene-d8		124 %	70-130	03/25/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2413026
Gasoline Range Organics (C6-C10)	148	20.0	1	03/25/24	03/28/24	
Surrogate: Bromofluorobenzene		110 %	70-130	03/25/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130	03/25/24	03/28/24	
Surrogate: Toluene-d8		124 %	70-130	03/25/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413059
Diesel Range Organics (C10-C28)	6110	25.0	1	03/26/24	03/30/24	
Oil Range Organics (C28-C36)	2020	50.0	1	03/26/24	03/30/24	
Surrogate: n-Nonane		133 %	50-200	03/26/24	03/30/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2413043
Chloride	5910	100	5	03/26/24	03/26/24	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ethan Sessums

Reported:
4/1/2024 4:13:13PM

V-12 2-2.5'

E403231-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Benzene	ND	0.0250	1	03/25/24	03/27/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/27/24	
Toluene	ND	0.0250	1	03/25/24	03/27/24	
o-Xylene	ND	0.0250	1	03/25/24	03/27/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/27/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		106 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		93.6 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		102 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		106 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		93.6 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		102 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413060
Diesel Range Organics (C10-C28)	ND	25.0	1	03/26/24	03/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/24	03/28/24	
Surrogate: n-Nonane		95.2 %	50-200	03/26/24	03/28/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2413044
Chloride	1530	20.0	1	03/26/24	03/27/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/1/2024 4:13:13PM
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V-12 3-3.5'
E403231-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Benzene	ND	0.0250	1	03/25/24	03/27/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/27/24	
Toluene	ND	0.0250	1	03/25/24	03/27/24	
o-Xylene	ND	0.0250	1	03/25/24	03/27/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/27/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		105 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		104 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		105 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		104 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413060
Diesel Range Organics (C10-C28)	34.6	25.0	1	03/26/24	03/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/24	03/28/24	
Surrogate: n-Nonane		101 %	50-200	03/26/24	03/28/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2413044
Chloride	2030	100	5	03/26/24	03/27/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/1/2024 4:13:13PM
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V-12 4-4.5'
E403231-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Benzene	ND	0.0250	1	03/25/24	03/27/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/27/24	
Toluene	ND	0.0250	1	03/25/24	03/27/24	
o-Xylene	ND	0.0250	1	03/25/24	03/27/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/27/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		110 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		96.3 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		106 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		110 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		96.3 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		106 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413060
Diesel Range Organics (C10-C28)	ND	25.0	1	03/26/24	03/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/24	03/28/24	
Surrogate: n-Nonane		97.5 %	50-200	03/26/24	03/28/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2413044
Chloride	107	20.0	1	03/26/24	03/27/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/1/2024 4:13:13PM
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V-13 0-6"

E403231-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Benzene	ND	0.0250	1	03/25/24	03/27/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/27/24	
Toluene	ND	0.0250	1	03/25/24	03/27/24	
o-Xylene	ND	0.0250	1	03/25/24	03/27/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/27/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		106 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		104 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		106 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		104 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413060
Diesel Range Organics (C10-C28)	ND	25.0	1	03/26/24	03/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/24	03/28/24	
Surrogate: n-Nonane		99.4 %	50-200	03/26/24	03/28/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2413044
Chloride	1210	100	5	03/26/24	03/27/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/1/2024 4:13:13PM
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V-13 1-1.5'
E403231-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Benzene	ND	0.0250	1	03/25/24	03/27/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/27/24	
Toluene	ND	0.0250	1	03/25/24	03/27/24	
o-Xylene	ND	0.0250	1	03/25/24	03/27/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/27/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		110 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		93.8 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		105 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		110 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		93.8 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		105 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413060
Diesel Range Organics (C10-C28)	ND	25.0	1	03/26/24	03/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/24	03/28/24	
Surrogate: n-Nonane		96.2 %	50-200	03/26/24	03/28/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2413044
Chloride	1760	200	10	03/26/24	03/27/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/1/2024 4:13:13PM
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V-13 2-2.5'
E403231-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Benzene	ND	0.0250	1	03/25/24	03/27/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/27/24	
Toluene	ND	0.0250	1	03/25/24	03/27/24	
o-Xylene	ND	0.0250	1	03/25/24	03/27/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/27/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		100 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		102 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		100 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		102 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413060
Diesel Range Organics (C10-C28)	ND	25.0	1	03/26/24	03/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/24	03/28/24	
Surrogate: n-Nonane		96.5 %	50-200	03/26/24	03/28/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2413044
Chloride	199	20.0	1	03/26/24	03/27/24	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ethan Sessums

Reported:
4/1/2024 4:13:13PM

V-14 0-6"

E403231-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Benzene	ND	0.0250	1	03/25/24	03/27/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/27/24	
Toluene	ND	0.0250	1	03/25/24	03/27/24	
o-Xylene	ND	0.0250	1	03/25/24	03/27/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/27/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		104 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		102 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		104 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		102 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413060
Diesel Range Organics (C10-C28)	ND	25.0	1	03/26/24	03/28/24	
Oil Range Organics (C28-C36)	52.5	50.0	1	03/26/24	03/28/24	
Surrogate: n-Nonane		99.7 %	50-200	03/26/24	03/28/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2413044
Chloride	1440	200	10	03/26/24	03/27/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/1/2024 4:13:13PM
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V-14 1-1.5'
E403231-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Benzene	ND	0.0250	1	03/25/24	03/27/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/27/24	
Toluene	ND	0.0250	1	03/25/24	03/27/24	
o-Xylene	ND	0.0250	1	03/25/24	03/27/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/27/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		107 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		99.6 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		102 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		107 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		99.6 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		102 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413060
Diesel Range Organics (C10-C28)	ND	25.0	1	03/26/24	03/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/24	03/28/24	
Surrogate: n-Nonane		97.2 %	50-200	03/26/24	03/28/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2413044
Chloride	1830	200	10	03/26/24	03/27/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/1/2024 4:13:13PM
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V-14 2-2.5'
E403231-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Benzene	ND	0.0250	1	03/25/24	03/27/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/27/24	
Toluene	ND	0.0250	1	03/25/24	03/27/24	
o-Xylene	ND	0.0250	1	03/25/24	03/27/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/27/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		104 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		102 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		104 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		102 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413060
Diesel Range Organics (C10-C28)	ND	25.0	1	03/26/24	03/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/24	03/28/24	
Surrogate: n-Nonane		97.7 %	50-200	03/26/24	03/28/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2413044
Chloride	173	20.0	1	03/26/24	03/27/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/1/2024 4:13:13PM
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V-15 0-6"

E403231-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Benzene	ND	0.0250	1	03/25/24	03/27/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/27/24	
Toluene	ND	0.0250	1	03/25/24	03/27/24	
o-Xylene	ND	0.0250	1	03/25/24	03/27/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/27/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		106 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		101 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		106 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		101 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413060
Diesel Range Organics (C10-C28)	ND	25.0	1	03/26/24	03/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/24	03/28/24	
Surrogate: n-Nonane		101 %	50-200	03/26/24	03/28/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2413044
Chloride	106	40.0	2	03/26/24	03/27/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/1/2024 4:13:13PM
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V-15 1-1.5'
E403231-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Benzene	ND	0.0250	1	03/25/24	03/27/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/27/24	
Toluene	ND	0.0250	1	03/25/24	03/27/24	
o-Xylene	ND	0.0250	1	03/25/24	03/27/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/27/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		104 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		104 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		104 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		104 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413060
Diesel Range Organics (C10-C28)	ND	25.0	1	03/26/24	03/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/24	03/28/24	
Surrogate: n-Nonane		83.8 %	50-200	03/26/24	03/28/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2413044
Chloride	24.3	20.0	1	03/26/24	03/27/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/1/2024 4:13:13PM
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H-1 0-6"

E403231-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Benzene	ND	0.0250	1	03/25/24	03/27/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/27/24	
Toluene	ND	0.0250	1	03/25/24	03/27/24	
o-Xylene	ND	0.0250	1	03/25/24	03/27/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/27/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		106 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		105 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		106 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		105 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413060
Diesel Range Organics (C10-C28)	90.1	25.0	1	03/26/24	03/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/24	03/28/24	
Surrogate: n-Nonane		104 %	50-200	03/26/24	03/28/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2413044
Chloride	281	20.0	1	03/26/24	03/27/24	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ethan Sessums

Reported:
4/1/2024 4:13:13PM

H-2 0-6"

E403231-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Benzene	ND	0.0250	1	03/25/24	03/27/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/27/24	
Toluene	ND	0.0250	1	03/25/24	03/27/24	
o-Xylene	ND	0.0250	1	03/25/24	03/27/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/27/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		106 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		103 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		106 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		103 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413060
Diesel Range Organics (C10-C28)	48.6	25.0	1	03/26/24	03/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/24	03/28/24	
Surrogate: n-Nonane		95.2 %	50-200	03/26/24	03/28/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2413044
Chloride	63.1	20.0	1	03/26/24	03/27/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/1/2024 4:13:13PM
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H-3 0-6"

E403231-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Benzene	ND	0.0250	1	03/25/24	03/27/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/27/24	
Toluene	ND	0.0250	1	03/25/24	03/27/24	
o-Xylene	ND	0.0250	1	03/25/24	03/27/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/27/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		105 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		102 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		105 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		102 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413060
Diesel Range Organics (C10-C28)	123	25.0	1	03/26/24	03/28/24	
Oil Range Organics (C28-C36)	95.7	50.0	1	03/26/24	03/28/24	
Surrogate: n-Nonane		98.6 %	50-200	03/26/24	03/28/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2413044
Chloride	233	20.0	1	03/26/24	03/27/24	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ethan Sessums

Reported:
4/1/2024 4:13:13PM

H-4 0-6"

E403231-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Benzene	ND	0.0250	1	03/25/24	03/27/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/27/24	
Toluene	ND	0.0250	1	03/25/24	03/27/24	
o-Xylene	ND	0.0250	1	03/25/24	03/27/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/27/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		103 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		104 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		103 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		104 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413060
Diesel Range Organics (C10-C28)	117	25.0	1	03/26/24	03/28/24	
Oil Range Organics (C28-C36)	77.8	50.0	1	03/26/24	03/28/24	
Surrogate: n-Nonane		98.4 %	50-200	03/26/24	03/28/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2413044
Chloride	70.4	20.0	1	03/26/24	03/27/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/1/2024 4:13:13PM
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H-5 0-6"

E403231-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Benzene	ND	0.0250	1	03/25/24	03/27/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/27/24	
Toluene	ND	0.0250	1	03/25/24	03/27/24	
o-Xylene	ND	0.0250	1	03/25/24	03/27/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/27/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		108 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		102 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		108 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		102 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413060
Diesel Range Organics (C10-C28)	553	25.0	1	03/26/24	03/28/24	
Oil Range Organics (C28-C36)	254	50.0	1	03/26/24	03/28/24	
Surrogate: n-Nonane		101 %	50-200	03/26/24	03/28/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2413044
Chloride	385	20.0	1	03/26/24	03/27/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/1/2024 4:13:13PM
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H-6 0-6"

E403231-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Benzene	ND	0.0250	1	03/25/24	03/28/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/28/24	
Toluene	ND	0.0250	1	03/25/24	03/28/24	
o-Xylene	ND	0.0250	1	03/25/24	03/28/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/28/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/28/24	
Surrogate: Bromofluorobenzene		106 %	70-130	03/25/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	03/25/24	03/28/24	
Surrogate: Toluene-d8		101 %	70-130	03/25/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/28/24	
Surrogate: Bromofluorobenzene		106 %	70-130	03/25/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	03/25/24	03/28/24	
Surrogate: Toluene-d8		101 %	70-130	03/25/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413060
Diesel Range Organics (C10-C28)	249	25.0	1	03/26/24	03/28/24	
Oil Range Organics (C28-C36)	119	50.0	1	03/26/24	03/28/24	
Surrogate: n-Nonane		96.7 %	50-200	03/26/24	03/28/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2413044
Chloride	293	20.0	1	03/26/24	03/27/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/1/2024 4:13:13PM
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H-7 0-6"

E403231-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Benzene	ND	0.0250	1	03/25/24	03/28/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/28/24	
Toluene	ND	0.0250	1	03/25/24	03/28/24	
o-Xylene	ND	0.0250	1	03/25/24	03/28/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/28/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/28/24	
Surrogate: Bromofluorobenzene		105 %	70-130	03/25/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130	03/25/24	03/28/24	
Surrogate: Toluene-d8		102 %	70-130	03/25/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/28/24	
Surrogate: Bromofluorobenzene		105 %	70-130	03/25/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130	03/25/24	03/28/24	
Surrogate: Toluene-d8		102 %	70-130	03/25/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413060
Diesel Range Organics (C10-C28)	ND	25.0	1	03/26/24	03/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/24	03/28/24	
Surrogate: n-Nonane		97.5 %	50-200	03/26/24	03/28/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2413044
Chloride	401	40.0	2	03/26/24	03/27/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/1/2024 4:13:13PM
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H-8 0-6"

E403231-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Benzene	ND	0.0250	1	03/25/24	03/28/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/28/24	
Toluene	ND	0.0250	1	03/25/24	03/28/24	
o-Xylene	ND	0.0250	1	03/25/24	03/28/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/28/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/28/24	
Surrogate: Bromofluorobenzene		108 %	70-130	03/25/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		98.0 %	70-130	03/25/24	03/28/24	
Surrogate: Toluene-d8		106 %	70-130	03/25/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/28/24	
Surrogate: Bromofluorobenzene		108 %	70-130	03/25/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		98.0 %	70-130	03/25/24	03/28/24	
Surrogate: Toluene-d8		106 %	70-130	03/25/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413060
Diesel Range Organics (C10-C28)	143	25.0	1	03/26/24	03/28/24	
Oil Range Organics (C28-C36)	70.6	50.0	1	03/26/24	03/28/24	
Surrogate: n-Nonane		97.8 %	50-200	03/26/24	03/28/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2413044
Chloride	212	20.0	1	03/26/24	03/27/24	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ethan Sessums

Reported:
4/1/2024 4:13:13PM

H-9 0-6"

E403231-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Benzene	ND	0.0250	1	03/25/24	03/28/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/28/24	
Toluene	ND	0.0250	1	03/25/24	03/28/24	
o-Xylene	ND	0.0250	1	03/25/24	03/28/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/28/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/28/24	
Surrogate: Bromofluorobenzene		104 %	70-130	03/25/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130	03/25/24	03/28/24	
Surrogate: Toluene-d8		103 %	70-130	03/25/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/28/24	
Surrogate: Bromofluorobenzene		104 %	70-130	03/25/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130	03/25/24	03/28/24	
Surrogate: Toluene-d8		103 %	70-130	03/25/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413060
Diesel Range Organics (C10-C28)	ND	25.0	1	03/26/24	03/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/24	03/28/24	
Surrogate: n-Nonane		101 %	50-200	03/26/24	03/28/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2413044
Chloride	47.6	20.0	1	03/26/24	03/27/24	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ethan Sessums

Reported:
4/1/2024 4:13:13PM

H-10 0-6"**E403231-21**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2413010	
Benzene	ND	0.0250	1	03/25/24	03/26/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/26/24	
Toluene	ND	0.0250	1	03/25/24	03/26/24	
o-Xylene	ND	0.0250	1	03/25/24	03/26/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/26/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/26/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		91.3 %	70-130	03/25/24	03/26/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2413010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/26/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		90.8 %	70-130	03/25/24	03/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2413061	
Diesel Range Organics (C10-C28)	122	25.0	1	03/26/24	03/28/24	
Oil Range Organics (C28-C36)	51.2	50.0	1	03/26/24	03/28/24	
<i>Surrogate: n-Nonane</i>						
		96.6 %	50-200	03/26/24	03/28/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF		Batch: 2413029	
Chloride	90.0	20.0	1	03/25/24	03/26/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/1/2024 4:13:13PM
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H-11 0-6"

E403231-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2413010	
Benzene	ND	0.0250	1	03/25/24	03/26/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/26/24	
Toluene	ND	0.0250	1	03/25/24	03/26/24	
o-Xylene	ND	0.0250	1	03/25/24	03/26/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/26/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/26/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.4 %	70-130		03/25/24	03/26/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2413010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/26/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.0 %	70-130		03/25/24	03/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2413061	
Diesel Range Organics (C10-C28)	103	25.0	1	03/26/24	03/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/24	03/28/24	
<i>Surrogate: n-Nonane</i>						
	101 %	50-200		03/26/24	03/28/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: WF		Batch: 2413029	
Chloride	241	20.0	1	03/25/24	03/26/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/1/2024 4:13:13PM
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H-12 0-6"

E403231-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2413010	
Benzene	ND	0.0250	1	03/25/24	03/26/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/26/24	
Toluene	ND	0.0250	1	03/25/24	03/26/24	
o-Xylene	ND	0.0250	1	03/25/24	03/26/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/26/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/26/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.0 %	70-130		03/25/24	03/26/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2413010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/26/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.5 %	70-130		03/25/24	03/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2413061	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/26/24	03/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/24	03/28/24	
<i>Surrogate: n-Nonane</i>						
	97.0 %	50-200		03/26/24	03/28/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: WF		Batch: 2413029	
Chloride	ND	20.0	1	03/25/24	03/26/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/1/2024 4:13:13PM
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H-13 0-6"

E403231-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2413010	
Benzene	ND	0.0250	1	03/25/24	03/26/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/26/24	
Toluene	ND	0.0250	1	03/25/24	03/26/24	
o-Xylene	ND	0.0250	1	03/25/24	03/26/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/26/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/26/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.9 %	70-130		03/25/24	03/26/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2413010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/26/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.0 %	70-130		03/25/24	03/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2413061	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/26/24	03/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/24	03/28/24	
<i>Surrogate: n-Nonane</i>						
	96.0 %	50-200		03/26/24	03/28/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: WF		Batch: 2413029	
Chloride	41.6	20.0	1	03/25/24	03/26/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/1/2024 4:13:13PM
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H-14 0-6"

E403231-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2413010	
Benzene	ND	0.0250	1	03/25/24	03/26/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/26/24	
Toluene	ND	0.0250	1	03/25/24	03/26/24	
o-Xylene	ND	0.0250	1	03/25/24	03/26/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/26/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/26/24	
Surrogate: 4-Bromochlorobenzene-PID	90.4 %	70-130		03/25/24	03/26/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2413010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/26/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	90.8 %	70-130		03/25/24	03/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2413061	
Diesel Range Organics (C10-C28)	84.7	25.0	1	03/26/24	03/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/24	03/28/24	
Surrogate: n-Nonane	95.9 %	50-200		03/26/24	03/28/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF		Batch: 2413029	
Chloride	56.6	20.0	1	03/25/24	03/26/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/1/2024 4:13:13PM
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H-15 0-6"

E403231-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2413010	
Benzene	ND	0.0250	1	03/25/24	03/26/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/26/24	
Toluene	ND	0.0250	1	03/25/24	03/26/24	
o-Xylene	ND	0.0250	1	03/25/24	03/26/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/26/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/26/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.6 %	70-130		03/25/24	03/26/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2413010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/26/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.1 %	70-130		03/25/24	03/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2413061	
Diesel Range Organics (C10-C28)	118	25.0	1	03/26/24	03/28/24	
Oil Range Organics (C28-C36)	57.0	50.0	1	03/26/24	03/28/24	
<i>Surrogate: n-Nonane</i>						
	99.2 %	50-200		03/26/24	03/28/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: WF		Batch: 2413029	
Chloride	68.2	20.0	1	03/25/24	03/26/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/1/2024 4:13:13PM
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H-16 0-6"

E403231-27

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2413010	
Benzene	ND	0.0250	1	03/25/24	03/26/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/26/24	
Toluene	ND	0.0250	1	03/25/24	03/26/24	
o-Xylene	ND	0.0250	1	03/25/24	03/26/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/26/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/26/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.1 %	70-130		03/25/24	03/26/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2413010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/26/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.6 %	70-130		03/25/24	03/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2413061	
Diesel Range Organics (C10-C28)	246	25.0	1	03/26/24	03/28/24	
Oil Range Organics (C28-C36)	104	50.0	1	03/26/24	03/28/24	
<i>Surrogate: n-Nonane</i>						
	100 %	50-200		03/26/24	03/28/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: WF		Batch: 2413029	
Chloride	162	20.0	1	03/25/24	03/26/24	



QC Summary Data

NTG-New Tech Global Environmental	Project Name:	Marwari 28 CTB 2	Reported: 4/1/2024 4:13:13PM
911 Regional Park Dr.	Project Number:	01058-0007	
Houston TX, 77060	Project Manager:	Ethan Sessums	

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 (2413025-BLK1) Prepared: 03/25/24 Analyzed: 03/26/24

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	0.489		0.500		97.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.7	70-130			
Surrogate: Toluene-d8	0.504		0.500		101	70-130			

LCS (2413025-BS1) Prepared: 03/25/24 Analyzed: 03/26/24

Benzene	2.20	0.0250	2.50		88.2	70-130			
Ethylbenzene	2.33	0.0250	2.50		93.3	70-130			
Toluene	2.43	0.0250	2.50		97.4	70-130			
o-Xylene	2.31	0.0250	2.50		92.5	70-130			
p,m-Xylene	4.74	0.0500	5.00		94.7	70-130			
Total Xylenes	7.05	0.0250	7.50		94.0	70-130			
Surrogate: Bromofluorobenzene	0.492		0.500		98.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.4	70-130			
Surrogate: Toluene-d8	0.503		0.500		101	70-130			

Matrix Spike (2413025-MS1) Source: E403230-05 Prepared: 03/25/24 Analyzed: 03/26/24

Benzene	2.30	0.0250	2.50	ND	91.8	48-131			
Ethylbenzene	2.36	0.0250	2.50	ND	94.5	45-135			
Toluene	2.42	0.0250	2.50	ND	96.9	48-130			
o-Xylene	2.43	0.0250	2.50	ND	97.1	43-135			
p,m-Xylene	4.92	0.0500	5.00	ND	98.5	43-135			
Total Xylenes	7.35	0.0250	7.50	ND	98.0	43-135			
Surrogate: Bromofluorobenzene	0.495		0.500		98.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.516		0.500		103	70-130			
Surrogate: Toluene-d8	0.486		0.500		97.2	70-130			

Matrix Spike Dup (2413025-MSD1) Source: E403230-05 Prepared: 03/25/24 Analyzed: 03/26/24

Benzene	2.30	0.0250	2.50	ND	92.0	48-131	0.196	23	
Ethylbenzene	2.33	0.0250	2.50	ND	93.1	45-135	1.47	27	
Toluene	2.38	0.0250	2.50	ND	95.3	48-130	1.69	24	
o-Xylene	2.45	0.0250	2.50	ND	98.2	43-135	1.11	27	
p,m-Xylene	4.94	0.0500	5.00	ND	98.8	43-135	0.335	27	
Total Xylenes	7.40	0.0250	7.50	ND	98.6	43-135	0.590	27	
Surrogate: Bromofluorobenzene	0.511		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.508		0.500		102	70-130			
Surrogate: Toluene-d8	0.484		0.500		96.7	70-130			



QC Summary Data

NTG-New Tech Global Environmental	Project Name:	Marwari 28 CTB 2	Reported:
911 Regional Park Dr.	Project Number:	01058-0007	
Houston TX, 77060	Project Manager:	Ethan Sessums	4/1/2024 4:13:13PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

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

Blank (2413026-BLK1) Prepared: 03/25/24 Analyzed: 03/27/24

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	0.542		0.500		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.463		0.500		92.6	70-130			
Surrogate: Toluene-d8	0.536		0.500		107	70-130			

LCS (2413026-BS1) Prepared: 03/25/24 Analyzed: 03/27/24

Benzene	2.93	0.0250	2.50		117	70-130			
Ethylbenzene	2.82	0.0250	2.50		113	70-130			
Toluene	2.98	0.0250	2.50		119	70-130			
o-Xylene	2.92	0.0250	2.50		117	70-130			
p,m-Xylene	5.82	0.0500	5.00		116	70-130			
Total Xylenes	8.75	0.0250	7.50		117	70-130			
Surrogate: Bromofluorobenzene	0.540		0.500		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.472		0.500		94.3	70-130			
Surrogate: Toluene-d8	0.519		0.500		104	70-130			

Matrix Spike (2413026-MS1) Source: E403230-26 Prepared: 03/25/24 Analyzed: 03/27/24

Benzene	2.95	0.0250	2.50	ND	118	48-131			
Ethylbenzene	2.88	0.0250	2.50	ND	115	45-135			
Toluene	3.05	0.0250	2.50	ND	122	48-130			
o-Xylene	3.02	0.0250	2.50	ND	121	43-135			
p,m-Xylene	6.00	0.0500	5.00	ND	120	43-135			
Total Xylenes	9.03	0.0250	7.50	ND	120	43-135			
Surrogate: Bromofluorobenzene	0.560		0.500		112	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.3	70-130			
Surrogate: Toluene-d8	0.531		0.500		106	70-130			

Matrix Spike Dup (2413026-MSD1) Source: E403230-26 Prepared: 03/25/24 Analyzed: 03/27/24

Benzene	2.91	0.0250	2.50	ND	116	48-131	1.37	23	
Ethylbenzene	2.85	0.0250	2.50	ND	114	45-135	0.872	27	
Toluene	3.03	0.0250	2.50	ND	121	48-130	0.641	24	
o-Xylene	2.96	0.0250	2.50	ND	118	43-135	2.26	27	
p,m-Xylene	5.84	0.0500	5.00	ND	117	43-135	2.68	27	
Total Xylenes	8.80	0.0250	7.50	ND	117	43-135	2.54	27	
Surrogate: Bromofluorobenzene	0.545		0.500		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.485		0.500		97.0	70-130			
Surrogate: Toluene-d8	0.530		0.500		106	70-130			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/1/2024 4:13:13PM
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Volatile Organic Compounds by EPA 8260B

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 (2413028-BLK1) Prepared: 03/25/24 Analyzed: 03/27/24

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	0.519		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.507		0.500		101	70-130			
Surrogate: Toluene-d8	0.523		0.500		105	70-130			

LCS (2413028-BS1) Prepared: 03/25/24 Analyzed: 03/27/24

Benzene	2.38	0.0250	2.50		95.1	70-130			
Ethylbenzene	2.33	0.0250	2.50		93.3	70-130			
Toluene	2.24	0.0250	2.50		89.6	70-130			
o-Xylene	2.28	0.0250	2.50		91.1	70-130			
p,m-Xylene	4.56	0.0500	5.00		91.2	70-130			
Total Xylenes	6.84	0.0250	7.50		91.2	70-130			
Surrogate: Bromofluorobenzene	0.506		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.4	70-130			
Surrogate: Toluene-d8	0.506		0.500		101	70-130			

Matrix Spike (2413028-MS1) Source: E403231-07 Prepared: 03/25/24 Analyzed: 03/27/24

Benzene	2.51	0.0250	2.50	ND	101	48-131			
Ethylbenzene	2.49	0.0250	2.50	ND	99.6	45-135			
Toluene	2.40	0.0250	2.50	ND	95.9	48-130			
o-Xylene	2.40	0.0250	2.50	ND	95.9	43-135			
p,m-Xylene	4.80	0.0500	5.00	ND	95.9	43-135			
Total Xylenes	7.19	0.0250	7.50	ND	95.9	43-135			
Surrogate: Bromofluorobenzene	0.501		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.494		0.500		98.8	70-130			
Surrogate: Toluene-d8	0.503		0.500		101	70-130			

Matrix Spike Dup (2413028-MSD1) Source: E403231-07 Prepared: 03/25/24 Analyzed: 03/27/24

Benzene	2.63	0.0250	2.50	ND	105	48-131	4.49	23	
Ethylbenzene	2.61	0.0250	2.50	ND	104	45-135	4.73	27	
Toluene	2.51	0.0250	2.50	ND	100	48-130	4.71	24	
o-Xylene	2.60	0.0250	2.50	ND	104	43-135	8.24	27	
p,m-Xylene	5.13	0.0500	5.00	ND	103	43-135	6.71	27	
Total Xylenes	7.73	0.0250	7.50	ND	103	43-135	7.22	27	
Surrogate: Bromofluorobenzene	0.507		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.507		0.500		101	70-130			
Surrogate: Toluene-d8	0.507		0.500		101	70-130			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/1/2024 4:13:13PM
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Volatile Organics by EPA 8021B

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 (2413010-BLK1) Prepared: 03/25/24 Analyzed: 03/25/24

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	7.53		8.00		94.2	70-130			

LCS (2413010-BS1) Prepared: 03/25/24 Analyzed: 03/26/24

Benzene	4.92	0.0250	5.00		98.5	70-130			
Ethylbenzene	4.76	0.0250	5.00		95.1	70-130			
Toluene	4.90	0.0250	5.00		98.1	70-130			
o-Xylene	4.83	0.0250	5.00		96.6	70-130			
p,m-Xylene	9.71	0.0500	10.0		97.1	70-130			
Total Xylenes	14.5	0.0250	15.0		96.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.59		8.00		94.8	70-130			

Matrix Spike (2413010-MS1) Source: E403220-02 Prepared: 03/25/24 Analyzed: 03/26/24

Benzene	5.02	0.0250	5.00	ND	100	54-133			
Ethylbenzene	4.85	0.0250	5.00	ND	97.0	61-133			
Toluene	5.00	0.0250	5.00	ND	99.9	61-130			
o-Xylene	4.92	0.0250	5.00	ND	98.5	63-131			
p,m-Xylene	9.91	0.0500	10.0	ND	99.1	63-131			
Total Xylenes	14.8	0.0250	15.0	ND	98.9	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.57		8.00		94.6	70-130			

Matrix Spike Dup (2413010-MSD1) Source: E403220-02 Prepared: 03/25/24 Analyzed: 03/26/24

Benzene	5.11	0.0250	5.00	ND	102	54-133	1.71	20	
Ethylbenzene	4.94	0.0250	5.00	ND	98.9	61-133	1.89	20	
Toluene	5.09	0.0250	5.00	ND	102	61-130	1.77	20	
o-Xylene	5.01	0.0250	5.00	ND	100	63-131	1.79	20	
p,m-Xylene	10.1	0.0500	10.0	ND	101	63-131	1.93	20	
Total Xylenes	15.1	0.0250	15.0	ND	101	63-131	1.88	20	
Surrogate: 4-Bromochlorobenzene-PID	7.52		8.00		94.0	70-130			

QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/1/2024 4:13:13PM
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Nonhalogenated Organics by EPA 8015D - GRO

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 (2413010-BLK1) Prepared: 03/25/24 Analyzed: 03/25/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.23		8.00		90.4	70-130			

LCS (2413010-BS2) Prepared: 03/25/24 Analyzed: 03/26/24

Gasoline Range Organics (C6-C10)	43.7	20.0	50.0		87.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.41		8.00		92.7	70-130			

Matrix Spike (2413010-MS2) Source: E403220-02 Prepared: 03/25/24 Analyzed: 03/26/24

Gasoline Range Organics (C6-C10)	43.0	20.0	50.0	ND	86.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.34		8.00		91.8	70-130			

Matrix Spike Dup (2413010-MSD2) Source: E403220-02 Prepared: 03/25/24 Analyzed: 03/26/24

Gasoline Range Organics (C6-C10)	41.6	20.0	50.0	ND	83.2	70-130	3.36	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.39		8.00		92.3	70-130			



QC Summary Data

NTG-New Tech Global Environmental	Project Name:	Marwari 28 CTB 2	Reported: 4/1/2024 4:13:13PM
911 Regional Park Dr.	Project Number:	01058-0007	
Houston TX, 77060	Project Manager:	Ethan Sessums	

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 (2413025-BLK1)

Prepared: 03/25/24 Analyzed: 03/26/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.489		0.500		97.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.7	70-130			
Surrogate: Toluene-d8	0.504		0.500		101	70-130			

LCS (2413025-BS2)

Prepared: 03/25/24 Analyzed: 03/26/24

Gasoline Range Organics (C6-C10)	48.5	20.0	50.0		97.0	70-130			
Surrogate: Bromofluorobenzene	0.491		0.500		98.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.8	70-130			
Surrogate: Toluene-d8	0.510		0.500		102	70-130			

Matrix Spike (2413025-MS2)

Source: E403230-05 Prepared: 03/25/24 Analyzed: 03/26/24

Gasoline Range Organics (C6-C10)	56.0	20.0	50.0	ND	112	70-130			
Surrogate: Bromofluorobenzene	0.498		0.500		99.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.497		0.500		99.4	70-130			
Surrogate: Toluene-d8	0.506		0.500		101	70-130			

Matrix Spike Dup (2413025-MSD2)

Source: E403230-05 Prepared: 03/25/24 Analyzed: 03/26/24

Gasoline Range Organics (C6-C10)	56.1	20.0	50.0	ND	112	70-130	0.0241	20	
Surrogate: Bromofluorobenzene	0.503		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.502		0.500		100	70-130			
Surrogate: Toluene-d8	0.505		0.500		101	70-130			

QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/1/2024 4:13:13PM
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Nonhalogenated Organics by EPA 8015D - GRO

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 (2413026-BLK1) Prepared: 03/25/24 Analyzed: 03/27/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.542		0.500		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.463		0.500		92.6	70-130			
Surrogate: Toluene-d8	0.536		0.500		107	70-130			

LCS (2413026-BS2) Prepared: 03/25/24 Analyzed: 03/27/24

Gasoline Range Organics (C6-C10)	58.6	20.0	50.0		117	70-130			
Surrogate: Bromofluorobenzene	0.562		0.500		112	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.453		0.500		90.5	70-130			
Surrogate: Toluene-d8	0.543		0.500		109	70-130			

Matrix Spike (2413026-MS2) Source: E403230-26 Prepared: 03/25/24 Analyzed: 03/27/24

Gasoline Range Organics (C6-C10)	56.1	20.0	50.0	ND	112	70-130			
Surrogate: Bromofluorobenzene	0.559		0.500		112	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.467		0.500		93.4	70-130			
Surrogate: Toluene-d8	0.541		0.500		108	70-130			

Matrix Spike Dup (2413026-MSD2) Source: E403230-26 Prepared: 03/25/24 Analyzed: 03/27/24

Gasoline Range Organics (C6-C10)	55.2	20.0	50.0	ND	110	70-130	1.61	20	
Surrogate: Bromofluorobenzene	0.555		0.500		111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.473		0.500		94.6	70-130			
Surrogate: Toluene-d8	0.542		0.500		108	70-130			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/1/2024 4:13:13PM
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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 (2413028-BLK1) Prepared: 03/25/24 Analyzed: 03/27/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.519		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.507		0.500		101	70-130			
Surrogate: Toluene-d8	0.523		0.500		105	70-130			

LCS (2413028-BS2) Prepared: 03/25/24 Analyzed: 03/27/24

Gasoline Range Organics (C6-C10)	56.1	20.0	50.0		112	70-130			
Surrogate: Bromofluorobenzene	0.525		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.476		0.500		95.1	70-130			
Surrogate: Toluene-d8	0.512		0.500		102	70-130			

Matrix Spike (2413028-MS2) Source: E403231-07 Prepared: 03/25/24 Analyzed: 03/27/24

Gasoline Range Organics (C6-C10)	55.0	20.0	50.0	ND	110	70-130			
Surrogate: Bromofluorobenzene	0.531		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.484		0.500		96.7	70-130			
Surrogate: Toluene-d8	0.510		0.500		102	70-130			

Matrix Spike Dup (2413028-MSD2) Source: E403231-07 Prepared: 03/25/24 Analyzed: 03/27/24

Gasoline Range Organics (C6-C10)	53.6	20.0	50.0	ND	107	70-130	2.65	20	
Surrogate: Bromofluorobenzene	0.535		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.505		0.500		101	70-130			
Surrogate: Toluene-d8	0.516		0.500		103	70-130			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/1/2024 4:13:13PM
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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 (2413058-BLK1)					Prepared: 03/26/24 Analyzed: 03/29/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	38.0		50.0		75.9	50-200			

LCS (2413058-BS1)					Prepared: 03/26/24 Analyzed: 03/29/24				
Diesel Range Organics (C10-C28)	283	25.0	250		113	38-132			
Surrogate: n-Nonane	40.8		50.0		81.5	50-200			

Matrix Spike (2413058-MS1)					Source: E403230-04		Prepared: 03/26/24 Analyzed: 03/29/24		
Diesel Range Organics (C10-C28)	261	25.0	250	27.5	93.6	38-132			
Surrogate: n-Nonane	38.8		50.0		77.7	50-200			

Matrix Spike Dup (2413058-MSD1)					Source: E403230-04		Prepared: 03/26/24 Analyzed: 03/29/24		
Diesel Range Organics (C10-C28)	272	25.0	250	27.5	98.0	38-132	4.13	20	
Surrogate: n-Nonane	37.9		50.0		75.8	50-200			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/1/2024 4:13:13PM
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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 (2413059-BLK1)					Prepared: 03/26/24 Analyzed: 03/29/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.2		50.0		98.5	50-200			

LCS (2413059-BS1)					Prepared: 03/26/24 Analyzed: 03/29/24				
Diesel Range Organics (C10-C28)	296	25.0	250		118	38-132			
Surrogate: n-Nonane	50.1		50.0		100	50-200			

Matrix Spike (2413059-MS1)					Source: E403230-25		Prepared: 03/26/24 Analyzed: 03/29/24		
Diesel Range Organics (C10-C28)	348	25.0	250	155	77.4	38-132			
Surrogate: n-Nonane	47.7		50.0		95.4	50-200			

Matrix Spike Dup (2413059-MSD1)					Source: E403230-25		Prepared: 03/26/24 Analyzed: 03/29/24		
Diesel Range Organics (C10-C28)	392	25.0	250	155	94.8	38-132	11.8	20	
Surrogate: n-Nonane	49.3		50.0		98.5	50-200			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/1/2024 4:13:13PM
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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 (2413060-BLK1)					Prepared: 03/26/24 Analyzed: 03/28/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.5		50.0		95.1	50-200			

LCS (2413060-BS1)					Prepared: 03/26/24 Analyzed: 03/28/24				
Diesel Range Organics (C10-C28)	313	25.0	250		125	38-132			
Surrogate: n-Nonane	50.1		50.0		100	50-200			

Matrix Spike (2413060-MS1)					Source: E403231-06		Prepared: 03/26/24 Analyzed: 03/28/24		
Diesel Range Organics (C10-C28)	300	25.0	250	ND	120	38-132			
Surrogate: n-Nonane	47.1		50.0		94.2	50-200			

Matrix Spike Dup (2413060-MSD1)					Source: E403231-06		Prepared: 03/26/24 Analyzed: 03/28/24		
Diesel Range Organics (C10-C28)	308	25.0	250	ND	123	38-132	2.54	20	
Surrogate: n-Nonane	47.6		50.0		95.3	50-200			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/1/2024 4:13:13PM
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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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2413061-BLK1)					Prepared: 03/26/24 Analyzed: 03/28/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.9		50.0		99.9	50-200			

LCS (2413061-BS1)					Prepared: 03/26/24 Analyzed: 03/28/24				
Diesel Range Organics (C10-C28)	329	25.0	250		132	38-132			
Surrogate: n-Nonane	47.9		50.0		95.9	50-200			

Matrix Spike (2413061-MS1)					Source: E403231-21		Prepared: 03/26/24 Analyzed: 03/28/24		
Diesel Range Organics (C10-C28)	403	25.0	250	122	113	38-132			
Surrogate: n-Nonane	45.9		50.0		91.8	50-200			

Matrix Spike Dup (2413061-MSD1)					Source: E403231-21		Prepared: 03/26/24 Analyzed: 03/28/24		
Diesel Range Organics (C10-C28)	436	25.0	250	122	126	38-132	7.80	20	
Surrogate: n-Nonane	48.1		50.0		96.1	50-200			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/1/2024 4:13:13PM
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Anions by EPA 300.0/9056A

Analyst: WF

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

Blank (2413029-BLK1)				Prepared: 03/25/24 Analyzed: 03/26/24					
Chloride	ND	20.0							
LCS (2413029-BS1)				Prepared: 03/25/24 Analyzed: 03/26/24					
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2413029-MS1)				Source: E403223-21		Prepared: 03/25/24 Analyzed: 03/26/24			
Chloride	251	20.0	250	ND	100	80-120			
Matrix Spike Dup (2413029-MSD1)				Source: E403223-21		Prepared: 03/25/24 Analyzed: 03/26/24			
Chloride	256	20.0	250	ND	102	80-120	2.12	20	



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/1/2024 4:13:13PM
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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 (2413042-BLK1)					Prepared: 03/26/24 Analyzed: 03/26/24				
Chloride	ND	20.0							
LCS (2413042-BS1)					Prepared: 03/26/24 Analyzed: 03/26/24				
Chloride	251	20.0	250		101	90-110			
Matrix Spike (2413042-MS1)					Source: E403230-10		Prepared: 03/26/24 Analyzed: 03/26/24		
Chloride	1050	20.0	250	812	93.7	80-120			
Matrix Spike Dup (2413042-MSD1)					Source: E403230-10		Prepared: 03/26/24 Analyzed: 03/26/24		
Chloride	1060	20.0	250	812	98.6	80-120	1.16	20	



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/1/2024 4:13:13PM
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Anions by EPA 300.0/9056A

Analyst: WF

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

Blank (2413043-BLK1)					Prepared: 03/26/24 Analyzed: 03/26/24				
Chloride	ND	20.0							
LCS (2413043-BS1)					Prepared: 03/26/24 Analyzed: 03/26/24				
Chloride	245	20.0	250		97.9	90-110			
Matrix Spike (2413043-MS1)					Source: E403230-23		Prepared: 03/26/24 Analyzed: 03/26/24		
Chloride	2300	20.0	250	2070	91.0	80-120			
Matrix Spike Dup (2413043-MSD1)					Source: E403230-23		Prepared: 03/26/24 Analyzed: 03/26/24		
Chloride	2260	20.0	250	2070	74.1	80-120	1.85	20	M4



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/1/2024 4:13:13PM
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Anions by EPA 300.0/9056A

Analyst: WF

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

Blank (2413044-BLK1)					Prepared: 03/26/24 Analyzed: 03/26/24				
Chloride	ND	20.0							
LCS (2413044-BS1)					Prepared: 03/26/24 Analyzed: 03/27/24				
Chloride	247	20.0	250		99.0	90-110			
Matrix Spike (2413044-MS1)					Source: E403231-02		Prepared: 03/26/24 Analyzed: 03/27/24		
Chloride	2230	100	250	2030	80.0	80-120			
Matrix Spike Dup (2413044-MSD1)					Source: E403231-02		Prepared: 03/26/24 Analyzed: 03/27/24		
Chloride	2450	100	250	2030	167	80-120	9.28	20	M4

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

Definitions and Notes

NTG-New Tech Global Environmental	Project Name:	Marwari 28 CTB 2	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	04/01/24 16:13

- 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.
- 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.
- S5 Surrogate spike recovery exceeded acceptance limits due to interfering target and/or non-target analytes.
- S5 Surrogate spike recovery exceeded acceptance limits due to interfering target and/or non-target analytes.
- 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.





Chain of Custody

Work Order No: E 403230
Job # 01058-0007

Page 1 of 7





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@ntglocal.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"/> FRP <input type="checkbox"/>	Level IV <input type="checkbox"/>
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	
3			3-22-24/1050	4	
5				6	

Work Order No: E403230
Job# 01058-0007

Page 2 of 7





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"/>	uperfund <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:		Marwari 28 CTB 2			Turn Around			Pres. Code	ANALYSIS REQUEST														Preservative Codes																										
Project Number:		248541			<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush				Parameters	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500											HOLD	None: NO DI Water: H ₂ O																									
Project Location		Lea Co, NM			Due Date:																									Cool: Cool MeOH: Me																			
Sampler's Name:		Kenny Han			TAT starts the day received by the lab, if received by 4:30pm																									HCL: HC HNO ₃ : HN																			
PO #:		21308936																												H ₂ SO ₄ : H ₂ NaOH: Na																			
SAMPLE RECEIPT		Temp Blank:		Yes	No	Wet Ice:		Yes																No																							H ₃ PO ₄ : HP		
Received Intact:		Yes		No	Thermometer ID:																																									NaHSO ₄ : NABIS			
Cooler Custody Seals:		Yes		No	N/A		Correction Factor:																																									Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:		Yes		No	N/A		Temperature Reading:																	48																								Zn Acetate+NaOH: Zn	
Total Containers:		67		Corrected Temperature:																												NaOH+Ascorbic Acid: SAPC																	
Sample Identification		Depth (ft bgs)		Date		Time		Soil		Water		Grab/Comp		# of Cont																Sample Comments																			
V-3		2-2.5		3/21/2024		10:00		X				Grab		1		X X X														11																			
V-3		3-3.5		3/21/2024				X				Grab		1		X X X														12																			
V-3		4-4.5		3/21/2024				X				Grab		1		X X X														13																			
V-4		0-6"		3/21/2024				X				Grab		1		X X X														14																			
V-4		1-1.5		3/21/2024				X				Grab		1		X X X														15																			
V-4		2-2.5		3/21/2024				X				Grab		1		X X X														16																			
V-4		3-3.5		3/21/2024				X				Grab		1		X X X														17																			
V-4		4-4.5		3/21/2024				X				Grab		1		X X X														18																			
V-5		0-6"		3/21/2024				X				Grab		1		X X X														19																			
V-5		1-1.5		3/21/2024				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	
1				3-22-24/1050		2				3-22-24/11-30	
3						4					
5						6					

Chain of Custody

Work Order No: E403230
Job# 01058-0007Page 3 of 7

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:		Marwari 28 CTB 2		Turn Around				ANALYSIS REQUEST												Preservative Codes			
Project Number:	248541	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush		Pres. Code																None: NO DI Water: H ₂ O			
Project Location	Lea Co, NM	Due Date:																		Cool: Cool MeOH: Me			
Sampler's Name:	Kenny Han	TAT starts the day received by the lab, if received by 4:30pm																		HCL: HC HNO ₃ : HN			
PO #:	21308936																			H ₂ SO ₄ : H ₂ NaOH: Na			
SAMPLE RECEIPT		Temp Blank:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>															H ₃ PO ₄ : HP	
Received Intact:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID:																		NaHSO ₄ : NABIS	
Cooler Custody Seals:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Correction Factor:																		Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Temperature Reading:		4°C																Zn Acetate+NaOH: Zn	
Total Containers:		67		Corrected Temperature:																		NaOH+Ascorbic Acid: SAPC	
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments			
V-5	2-2.5	3/21/2024	10:30	X		Grab	1	X	X	X								21					
V-5	3-3.5	3/21/2024		X		Grab	1	X	X	X								22					
V-5	4-4.5	3/21/2024		X		Grab	1	X	X	X								23					
V-6	0-6"	3/21/2024		X		Grab	1	X	X	X								24					
V-6	1-1.5	3/21/2024		X		Grab	1	X	X	X								25					
V-6	2-2.5	3/21/2024		X		Grab	1	X	X	X								26					
V-6	3-3.5	3/21/2024		X		Grab	1	X	X	X								27					
V-7	0-6"	3/21/2024		X		Grab	1	X	X	X								28					
V-7	1-1.5	3/21/2024		X		Grab	1	X	X	X								29					
V-7	2-2.5	3/21/2024		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
1		3-22-24/1050	2		3-23-24/11:30
3			4		
5			6		



Chain of Custody

 Work Order No: E403230
 Job# 01058-0007
Page 4 of 7

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:		Marwari 28 CTB 2		Turn Around				ANALYSIS REQUEST												Preservative Codes			
Project Number:		248541		<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush		Pres. Code														None: NO DI Water: H ₂ O			
Project Location		Lea Co, NM		Due Date:																Cool: Cool MeOH: Me			
Sampler's Name:		Kenny Han		TAT starts the day received by the lab, if received by 4:30pm																HCL: HC HNO ₃ : HN			
PO #:		21308936																		H ₂ SO ₄ : H ₂ NaOH: Na			
SAMPLE RECEIPT		Temp Blank:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Wet Ice:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>														H ₃ PO ₄ : HP	
Received Intact:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID:																NaHSO ₄ : NABIS			
Cooler Custody Seals:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃			
Sample Custody Seals:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Temperature Reading:		4°C														Zn Acetate+NaOH: Zn			
Total Containers:		67		Corrected Temperature:																NaOH+Ascorbic Acid: SAPC			
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments			
V-8	0-6"	3/21/2024	11:00	X		Grab	1	X	X	X							31						
V-8	1-1.5	3/21/2024		X		Grab	1	X	X	X							32						
V-9	0-6"	3/21/2024		X		Grab	1	X	X	X							33						
V-9	1-1.5	3/21/2024		X		Grab	1	X	X	X							34						
V-10	0-6"	3/21/2024		X		Grab	1	X	X	X							35						
V-10	1-1.5	3/21/2024		X		Grab	1	X	X	X							36						
V-11	0-6"	3/21/2024		X		Grab	1	X	X	X							37						
V-11	1-1.5	3/21/2024		X		Grab	1	X	X	X							38						
V-12	0-6"	3/21/2024		X		Grab	1	X	X	X							39						
V-12	1-1.5	3/21/2024		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
		2-22-24/1050			3-23-24/11:20



Work Order No: E403231
Job # 01058-0007

Page 5 of 7



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

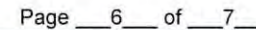
Work Order Comments			
Program: UST/PST	<input type="checkbox"/> PRP	<input type="checkbox"/> Brownfields	<input type="checkbox"/> RRC <input type="checkbox"/> Superfund
State of Project:			
Reporting: Level II	<input type="checkbox"/> Level III	<input type="checkbox"/> PST/UST	<input type="checkbox"/> 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		3	2-23-24 M: 2
3		4			
5		6			



Envirotech Analytical Laboratory

Printed: 3/25/2024 2:37:43PM

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:	03/25/24 11:30	Work Order ID:	E403230
Phone:	(281) 872-9300	Date Logged In:	03/22/24 18:17	Logged In By:	Alexa Michaels
Email:	esssums@ntglobal.com	Due Date:	03/29/24 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**

Marwari 28 CTB 2 has been separated into multiple WO due to high sample volume. WO are as follows : E403230 and E403231

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.

Envirotech Analytical Laboratory

Printed: 3/25/2024 2:55:14PM

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:	03/23/24 11:30	Work Order ID:	E403231
Phone:	(281) 872-9300	Date Logged In:	03/22/24 18:23	Logged In By:	Alexa Michaels
Email:	esssums@ntglobal.com	Due Date:	03/29/24 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**

Marwari 28 CTB 2 has been separated into multiple WO due to high sample volume. WO are as follows : E403230 and E403231

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.

Report to:
Ethan Sessums



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

NTG-New Tech Global Environmental

Project Name: Marwari 28 CTB 2

Work Order: E403231

Job Number: 01058-0007

Received: 3/23/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/29/24

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: 3/29/24

Ethan Sessums
911 Regional Park Dr.
Houston, TX 77060



Project Name: Marwari 28 CTB 2
Workorder: E403231
Date Received: 3/23/2024 11:30:00AM

Ethan Sessums,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/23/2024 11:30:00AM, under the Project Name: Marwari 28 CTB 2.

The analytical test results summarized in this report with the Project Name: Marwari 28 CTB 2 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
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Cell: 775-287-1762
whinchman@envirotech-inc.com

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Sample Summary

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 03/29/24 15:41
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
V-12 2-2.5'	E403231-01A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.
V-12 3-3.5'	E403231-02A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.
V-12 4-4.5'	E403231-03A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.
V-13 0-6"	E403231-04A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.
V-13 1-1.5'	E403231-05A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.
V-13 2-2.5'	E403231-06A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.
V-14 0-6"	E403231-07A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.
V-14 1-1.5'	E403231-08A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.
V-14 2-2.5'	E403231-09A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.
V-15 0-6"	E403231-10A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.
V-15 1-1.5'	E403231-11A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.
H-1 0-6"	E403231-12A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.
H-2 0-6"	E403231-13A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.
H-3 0-6"	E403231-14A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.
H-4 0-6"	E403231-15A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.
H-5 0-6"	E403231-16A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.
H-6 0-6"	E403231-17A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.
H-7 0-6"	E403231-18A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.
H-8 0-6"	E403231-19A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.
H-9 0-6"	E403231-20A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.
H-10 0-6"	E403231-21A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.
H-11 0-6"	E403231-22A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.
H-12 0-6"	E403231-23A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.
H-13 0-6"	E403231-24A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.
H-14 0-6"	E403231-25A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.
H-15 0-6"	E403231-26A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.
H-16 0-6"	E403231-27A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ethan Sessums

Reported:
3/29/2024 3:41:38PM

V-12 2-2.5'

E403231-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Benzene	ND	0.0250	1	03/25/24	03/27/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/27/24	
Toluene	ND	0.0250	1	03/25/24	03/27/24	
o-Xylene	ND	0.0250	1	03/25/24	03/27/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/27/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		106 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		93.6 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		102 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		106 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		93.6 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		102 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413060
Diesel Range Organics (C10-C28)	ND	25.0	1	03/26/24	03/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/24	03/28/24	
Surrogate: n-Nonane		95.2 %	50-200	03/26/24	03/28/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2413044
Chloride	1530	20.0	1	03/26/24	03/27/24	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ethan Sessums

Reported:
3/29/2024 3:41:38PM

V-12 3-3.5'

E403231-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Benzene	ND	0.0250	1	03/25/24	03/27/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/27/24	
Toluene	ND	0.0250	1	03/25/24	03/27/24	
o-Xylene	ND	0.0250	1	03/25/24	03/27/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/27/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		105 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		104 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		105 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		104 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413060
Diesel Range Organics (C10-C28)	34.6	25.0	1	03/26/24	03/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/24	03/28/24	
Surrogate: n-Nonane		101 %	50-200	03/26/24	03/28/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2413044
Chloride	2030	100	5	03/26/24	03/27/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/29/2024 3:41:38PM
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V-12 4-4.5'
E403231-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Benzene	ND	0.0250	1	03/25/24	03/27/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/27/24	
Toluene	ND	0.0250	1	03/25/24	03/27/24	
o-Xylene	ND	0.0250	1	03/25/24	03/27/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/27/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		110 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		96.3 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		106 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		110 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		96.3 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		106 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413060
Diesel Range Organics (C10-C28)	ND	25.0	1	03/26/24	03/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/24	03/28/24	
Surrogate: n-Nonane		97.5 %	50-200	03/26/24	03/28/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2413044
Chloride	107	20.0	1	03/26/24	03/27/24	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ethan Sessums

Reported:
3/29/2024 3:41:38PM

V-13 0-6"

E403231-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Benzene	ND	0.0250	1	03/25/24	03/27/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/27/24	
Toluene	ND	0.0250	1	03/25/24	03/27/24	
o-Xylene	ND	0.0250	1	03/25/24	03/27/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/27/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		106 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		104 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		106 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		104 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413060
Diesel Range Organics (C10-C28)	ND	25.0	1	03/26/24	03/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/24	03/28/24	
Surrogate: n-Nonane		99.4 %	50-200	03/26/24	03/28/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2413044
Chloride	1210	100	5	03/26/24	03/27/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/29/2024 3:41:38PM
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V-13 1-1.5'
E403231-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Benzene	ND	0.0250	1	03/25/24	03/27/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/27/24	
Toluene	ND	0.0250	1	03/25/24	03/27/24	
o-Xylene	ND	0.0250	1	03/25/24	03/27/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/27/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		110 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		93.8 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		105 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		110 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		93.8 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		105 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413060
Diesel Range Organics (C10-C28)	ND	25.0	1	03/26/24	03/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/24	03/28/24	
Surrogate: n-Nonane		96.2 %	50-200	03/26/24	03/28/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2413044
Chloride	1760	200	10	03/26/24	03/27/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/29/2024 3:41:38PM
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V-13 2-2.5'
E403231-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Benzene	ND	0.0250	1	03/25/24	03/27/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/27/24	
Toluene	ND	0.0250	1	03/25/24	03/27/24	
o-Xylene	ND	0.0250	1	03/25/24	03/27/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/27/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		100 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		102 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		100 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		102 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413060
Diesel Range Organics (C10-C28)	ND	25.0	1	03/26/24	03/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/24	03/28/24	
Surrogate: n-Nonane		96.5 %	50-200	03/26/24	03/28/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2413044
Chloride	199	20.0	1	03/26/24	03/27/24	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ethan Sessums

Reported:
3/29/2024 3:41:38PM

V-14 0-6"

E403231-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Benzene	ND	0.0250	1	03/25/24	03/27/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/27/24	
Toluene	ND	0.0250	1	03/25/24	03/27/24	
o-Xylene	ND	0.0250	1	03/25/24	03/27/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/27/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		104 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		102 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		104 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		102 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413060
Diesel Range Organics (C10-C28)	ND	25.0	1	03/26/24	03/28/24	
Oil Range Organics (C28-C36)	52.5	50.0	1	03/26/24	03/28/24	
Surrogate: n-Nonane		99.7 %	50-200	03/26/24	03/28/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2413044
Chloride	1440	200	10	03/26/24	03/27/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/29/2024 3:41:38PM
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V-14 1-1.5'
E403231-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Benzene	ND	0.0250	1	03/25/24	03/27/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/27/24	
Toluene	ND	0.0250	1	03/25/24	03/27/24	
o-Xylene	ND	0.0250	1	03/25/24	03/27/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/27/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		107 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		99.6 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		102 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		107 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		99.6 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		102 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413060
Diesel Range Organics (C10-C28)	ND	25.0	1	03/26/24	03/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/24	03/28/24	
Surrogate: n-Nonane		97.2 %	50-200	03/26/24	03/28/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2413044
Chloride	1830	200	10	03/26/24	03/27/24	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ethan Sessums

Reported:
3/29/2024 3:41:38PM

V-14 2-2.5'

E403231-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Benzene	ND	0.0250	1	03/25/24	03/27/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/27/24	
Toluene	ND	0.0250	1	03/25/24	03/27/24	
o-Xylene	ND	0.0250	1	03/25/24	03/27/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/27/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		104 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		102 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		104 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		102 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413060
Diesel Range Organics (C10-C28)	ND	25.0	1	03/26/24	03/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/24	03/28/24	
Surrogate: n-Nonane		97.7 %	50-200	03/26/24	03/28/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2413044
Chloride	173	20.0	1	03/26/24	03/27/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/29/2024 3:41:38PM
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V-15 0-6"

E403231-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Benzene	ND	0.0250	1	03/25/24	03/27/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/27/24	
Toluene	ND	0.0250	1	03/25/24	03/27/24	
o-Xylene	ND	0.0250	1	03/25/24	03/27/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/27/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		106 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		101 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		106 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		101 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413060
Diesel Range Organics (C10-C28)	ND	25.0	1	03/26/24	03/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/24	03/28/24	
Surrogate: n-Nonane		101 %	50-200	03/26/24	03/28/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2413044
Chloride	106	40.0	2	03/26/24	03/27/24	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ethan Sessums

Reported:
3/29/2024 3:41:38PM

V-15 1-1.5'

E403231-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Benzene	ND	0.0250	1	03/25/24	03/27/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/27/24	
Toluene	ND	0.0250	1	03/25/24	03/27/24	
o-Xylene	ND	0.0250	1	03/25/24	03/27/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/27/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		104 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		104 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		104 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		104 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413060
Diesel Range Organics (C10-C28)	ND	25.0	1	03/26/24	03/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/24	03/28/24	
Surrogate: n-Nonane		83.8 %	50-200	03/26/24	03/28/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2413044
Chloride	24.3	20.0	1	03/26/24	03/27/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/29/2024 3:41:38PM
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H-1 0-6"

E403231-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Benzene	ND	0.0250	1	03/25/24	03/27/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/27/24	
Toluene	ND	0.0250	1	03/25/24	03/27/24	
o-Xylene	ND	0.0250	1	03/25/24	03/27/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/27/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		106 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		105 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		106 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		105 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413060
Diesel Range Organics (C10-C28)	90.1	25.0	1	03/26/24	03/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/24	03/28/24	
Surrogate: n-Nonane		104 %	50-200	03/26/24	03/28/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2413044
Chloride	281	20.0	1	03/26/24	03/27/24	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ethan Sessums

Reported:
3/29/2024 3:41:38PM

H-2 0-6"

E403231-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Benzene	ND	0.0250	1	03/25/24	03/27/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/27/24	
Toluene	ND	0.0250	1	03/25/24	03/27/24	
o-Xylene	ND	0.0250	1	03/25/24	03/27/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/27/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		106 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		103 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		106 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		103 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413060
Diesel Range Organics (C10-C28)	48.6	25.0	1	03/26/24	03/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/24	03/28/24	
Surrogate: n-Nonane		95.2 %	50-200	03/26/24	03/28/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2413044
Chloride	63.1	20.0	1	03/26/24	03/27/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/29/2024 3:41:38PM
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H-3 0-6"

E403231-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Benzene	ND	0.0250	1	03/25/24	03/27/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/27/24	
Toluene	ND	0.0250	1	03/25/24	03/27/24	
o-Xylene	ND	0.0250	1	03/25/24	03/27/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/27/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		105 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		102 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		105 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		102 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413060
Diesel Range Organics (C10-C28)	123	25.0	1	03/26/24	03/28/24	
Oil Range Organics (C28-C36)	95.7	50.0	1	03/26/24	03/28/24	
Surrogate: n-Nonane		98.6 %	50-200	03/26/24	03/28/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2413044
Chloride	233	20.0	1	03/26/24	03/27/24	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ethan Sessums

Reported:
3/29/2024 3:41:38PM

H-4 0-6"

E403231-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Benzene	ND	0.0250	1	03/25/24	03/27/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/27/24	
Toluene	ND	0.0250	1	03/25/24	03/27/24	
o-Xylene	ND	0.0250	1	03/25/24	03/27/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/27/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		103 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		104 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		103 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		104 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413060
Diesel Range Organics (C10-C28)	117	25.0	1	03/26/24	03/28/24	
Oil Range Organics (C28-C36)	77.8	50.0	1	03/26/24	03/28/24	
Surrogate: n-Nonane		98.4 %	50-200	03/26/24	03/28/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2413044
Chloride	70.4	20.0	1	03/26/24	03/27/24	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ethan Sessums

Reported:
3/29/2024 3:41:38PM

H-5 0-6"

E403231-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Benzene	ND	0.0250	1	03/25/24	03/27/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/27/24	
Toluene	ND	0.0250	1	03/25/24	03/27/24	
o-Xylene	ND	0.0250	1	03/25/24	03/27/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/27/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		108 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		102 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/27/24	
Surrogate: Bromofluorobenzene		108 %	70-130	03/25/24	03/27/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	03/25/24	03/27/24	
Surrogate: Toluene-d8		102 %	70-130	03/25/24	03/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413060
Diesel Range Organics (C10-C28)	553	25.0	1	03/26/24	03/28/24	
Oil Range Organics (C28-C36)	254	50.0	1	03/26/24	03/28/24	
Surrogate: n-Nonane		101 %	50-200	03/26/24	03/28/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2413044
Chloride	385	20.0	1	03/26/24	03/27/24	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ethan Sessums

Reported:
3/29/2024 3:41:38PM

H-6 0-6"

E403231-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Benzene	ND	0.0250	1	03/25/24	03/28/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/28/24	
Toluene	ND	0.0250	1	03/25/24	03/28/24	
o-Xylene	ND	0.0250	1	03/25/24	03/28/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/28/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/28/24	
Surrogate: Bromofluorobenzene		106 %	70-130	03/25/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	03/25/24	03/28/24	
Surrogate: Toluene-d8		101 %	70-130	03/25/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/28/24	
Surrogate: Bromofluorobenzene		106 %	70-130	03/25/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	03/25/24	03/28/24	
Surrogate: Toluene-d8		101 %	70-130	03/25/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413060
Diesel Range Organics (C10-C28)	249	25.0	1	03/26/24	03/28/24	
Oil Range Organics (C28-C36)	119	50.0	1	03/26/24	03/28/24	
Surrogate: n-Nonane		96.7 %	50-200	03/26/24	03/28/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2413044
Chloride	293	20.0	1	03/26/24	03/27/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/29/2024 3:41:38PM
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H-7 0-6"

E403231-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Benzene	ND	0.0250	1	03/25/24	03/28/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/28/24	
Toluene	ND	0.0250	1	03/25/24	03/28/24	
o-Xylene	ND	0.0250	1	03/25/24	03/28/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/28/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/28/24	
Surrogate: Bromofluorobenzene		105 %	70-130	03/25/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130	03/25/24	03/28/24	
Surrogate: Toluene-d8		102 %	70-130	03/25/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/28/24	
Surrogate: Bromofluorobenzene		105 %	70-130	03/25/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130	03/25/24	03/28/24	
Surrogate: Toluene-d8		102 %	70-130	03/25/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413060
Diesel Range Organics (C10-C28)	ND	25.0	1	03/26/24	03/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/24	03/28/24	
Surrogate: n-Nonane		97.5 %	50-200	03/26/24	03/28/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2413044
Chloride	401	40.0	2	03/26/24	03/27/24	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ethan Sessums

Reported:
3/29/2024 3:41:38PM

H-8 0-6"

E403231-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Benzene	ND	0.0250	1	03/25/24	03/28/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/28/24	
Toluene	ND	0.0250	1	03/25/24	03/28/24	
o-Xylene	ND	0.0250	1	03/25/24	03/28/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/28/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/28/24	
Surrogate: Bromofluorobenzene		108 %	70-130	03/25/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		98.0 %	70-130	03/25/24	03/28/24	
Surrogate: Toluene-d8		106 %	70-130	03/25/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/28/24	
Surrogate: Bromofluorobenzene		108 %	70-130	03/25/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		98.0 %	70-130	03/25/24	03/28/24	
Surrogate: Toluene-d8		106 %	70-130	03/25/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413060
Diesel Range Organics (C10-C28)	143	25.0	1	03/26/24	03/28/24	
Oil Range Organics (C28-C36)	70.6	50.0	1	03/26/24	03/28/24	
Surrogate: n-Nonane		97.8 %	50-200	03/26/24	03/28/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2413044
Chloride	212	20.0	1	03/26/24	03/27/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/29/2024 3:41:38PM
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H-9 0-6"

E403231-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Benzene	ND	0.0250	1	03/25/24	03/28/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/28/24	
Toluene	ND	0.0250	1	03/25/24	03/28/24	
o-Xylene	ND	0.0250	1	03/25/24	03/28/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/28/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/28/24	
Surrogate: Bromofluorobenzene		104 %	70-130	03/25/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130	03/25/24	03/28/24	
Surrogate: Toluene-d8		103 %	70-130	03/25/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413028
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/28/24	
Surrogate: Bromofluorobenzene		104 %	70-130	03/25/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130	03/25/24	03/28/24	
Surrogate: Toluene-d8		103 %	70-130	03/25/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413060
Diesel Range Organics (C10-C28)	ND	25.0	1	03/26/24	03/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/24	03/28/24	
Surrogate: n-Nonane		101 %	50-200	03/26/24	03/28/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2413044
Chloride	47.6	20.0	1	03/26/24	03/27/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/29/2024 3:41:38PM
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H-10 0-6"

E403231-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2413010	
Benzene	ND	0.0250	1	03/25/24	03/26/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/26/24	
Toluene	ND	0.0250	1	03/25/24	03/26/24	
o-Xylene	ND	0.0250	1	03/25/24	03/26/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/26/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/26/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.3 %	70-130		03/25/24	03/26/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2413010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/26/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.8 %	70-130		03/25/24	03/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2413061	
Diesel Range Organics (C10-C28)	122	25.0	1	03/26/24	03/28/24	
Oil Range Organics (C28-C36)	51.2	50.0	1	03/26/24	03/28/24	
<i>Surrogate: n-Nonane</i>						
	96.6 %	50-200		03/26/24	03/28/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: WF		Batch: 2413029	
Chloride	90.0	20.0	1	03/25/24	03/26/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/29/2024 3:41:38PM
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H-11 0-6"

E403231-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2413010	
Benzene	ND	0.0250	1	03/25/24	03/26/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/26/24	
Toluene	ND	0.0250	1	03/25/24	03/26/24	
o-Xylene	ND	0.0250	1	03/25/24	03/26/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/26/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/26/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.4 %	70-130		03/25/24	03/26/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2413010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/26/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.0 %	70-130		03/25/24	03/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2413061	
Diesel Range Organics (C10-C28)	103	25.0	1	03/26/24	03/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/24	03/28/24	
<i>Surrogate: n-Nonane</i>						
	101 %	50-200		03/26/24	03/28/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: WF		Batch: 2413029	
Chloride	241	20.0	1	03/25/24	03/26/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/29/2024 3:41:38PM
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H-12 0-6"

E403231-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2413010	
Benzene	ND	0.0250	1	03/25/24	03/26/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/26/24	
Toluene	ND	0.0250	1	03/25/24	03/26/24	
o-Xylene	ND	0.0250	1	03/25/24	03/26/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/26/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/26/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.0 %	70-130		03/25/24	03/26/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2413010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/26/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.5 %	70-130		03/25/24	03/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2413061	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/26/24	03/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/24	03/28/24	
<i>Surrogate: n-Nonane</i>						
	97.0 %	50-200		03/26/24	03/28/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: WF		Batch: 2413029	
Chloride	ND	20.0	1	03/25/24	03/26/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/29/2024 3:41:38PM
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H-13 0-6"

E403231-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2413010	
Benzene	ND	0.0250	1	03/25/24	03/26/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/26/24	
Toluene	ND	0.0250	1	03/25/24	03/26/24	
o-Xylene	ND	0.0250	1	03/25/24	03/26/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/26/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/26/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.9 %	70-130		03/25/24	03/26/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2413010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/26/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.0 %	70-130		03/25/24	03/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2413061	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/26/24	03/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/24	03/28/24	
<i>Surrogate: n-Nonane</i>						
	96.0 %	50-200		03/26/24	03/28/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: WF		Batch: 2413029	
Chloride	41.6	20.0	1	03/25/24	03/26/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/29/2024 3:41:38PM
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H-14 0-6"

E403231-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2413010	
Benzene	ND	0.0250	1	03/25/24	03/26/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/26/24	
Toluene	ND	0.0250	1	03/25/24	03/26/24	
o-Xylene	ND	0.0250	1	03/25/24	03/26/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/26/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/26/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.4 %	70-130		03/25/24	03/26/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2413010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/26/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.8 %	70-130		03/25/24	03/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2413061	
Diesel Range Organics (C10-C28)	84.7	25.0	1	03/26/24	03/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/24	03/28/24	
<i>Surrogate: n-Nonane</i>						
	95.9 %	50-200		03/26/24	03/28/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: WF		Batch: 2413029	
Chloride	56.6	20.0	1	03/25/24	03/26/24	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ethan Sessums

Reported:
3/29/2024 3:41:38PM

H-15 0-6"

E403231-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2413010
Benzene	ND	0.0250	1	03/25/24	03/26/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/26/24	
Toluene	ND	0.0250	1	03/25/24	03/26/24	
o-Xylene	ND	0.0250	1	03/25/24	03/26/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/26/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/26/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.6 %	70-130		03/25/24	03/26/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2413010
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/26/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.1 %	70-130		03/25/24	03/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413061
Diesel Range Organics (C10-C28)	118	25.0	1	03/26/24	03/28/24	
Oil Range Organics (C28-C36)	57.0	50.0	1	03/26/24	03/28/24	
<i>Surrogate: n-Nonane</i>						
	99.2 %	50-200		03/26/24	03/28/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2413029
Chloride	68.2	20.0	1	03/25/24	03/26/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/29/2024 3:41:38PM
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H-16 0-6"
E403231-27

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2413010	
Benzene	ND	0.0250	1	03/25/24	03/26/24	
Ethylbenzene	ND	0.0250	1	03/25/24	03/26/24	
Toluene	ND	0.0250	1	03/25/24	03/26/24	
o-Xylene	ND	0.0250	1	03/25/24	03/26/24	
p,m-Xylene	ND	0.0500	1	03/25/24	03/26/24	
Total Xylenes	ND	0.0250	1	03/25/24	03/26/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.1 %	70-130		03/25/24	03/26/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2413010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/25/24	03/26/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.6 %	70-130		03/25/24	03/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2413061	
Diesel Range Organics (C10-C28)	246	25.0	1	03/26/24	03/28/24	
Oil Range Organics (C28-C36)	104	50.0	1	03/26/24	03/28/24	
<i>Surrogate: n-Nonane</i>						
	100 %	50-200		03/26/24	03/28/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: WF		Batch: 2413029	
Chloride	162	20.0	1	03/25/24	03/26/24	



QC Summary Data

NTG-New Tech Global Environmental	Project Name:	Marwari 28 CTB 2	Reported: 3/29/2024 3:41:38PM
911 Regional Park Dr.	Project Number:	01058-0007	
Houston TX, 77060	Project Manager:	Ethan Sessums	

Volatile Organic Compounds by EPA 8260B

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 (2413028-BLK1) Prepared: 03/25/24 Analyzed: 03/27/24

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	0.519		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.507		0.500		101	70-130			
Surrogate: Toluene-d8	0.523		0.500		105	70-130			

LCS (2413028-BS1) Prepared: 03/25/24 Analyzed: 03/27/24

Benzene	2.38	0.0250	2.50		95.1	70-130			
Ethylbenzene	2.33	0.0250	2.50		93.3	70-130			
Toluene	2.24	0.0250	2.50		89.6	70-130			
o-Xylene	2.28	0.0250	2.50		91.1	70-130			
p,m-Xylene	4.56	0.0500	5.00		91.2	70-130			
Total Xylenes	6.84	0.0250	7.50		91.2	70-130			
Surrogate: Bromofluorobenzene	0.506		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.4	70-130			
Surrogate: Toluene-d8	0.506		0.500		101	70-130			

Matrix Spike (2413028-MS1) Source: E403231-07 Prepared: 03/25/24 Analyzed: 03/27/24

Benzene	2.51	0.0250	2.50	ND	101	48-131			
Ethylbenzene	2.49	0.0250	2.50	ND	99.6	45-135			
Toluene	2.40	0.0250	2.50	ND	95.9	48-130			
o-Xylene	2.40	0.0250	2.50	ND	95.9	43-135			
p,m-Xylene	4.80	0.0500	5.00	ND	95.9	43-135			
Total Xylenes	7.19	0.0250	7.50	ND	95.9	43-135			
Surrogate: Bromofluorobenzene	0.501		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.494		0.500		98.8	70-130			
Surrogate: Toluene-d8	0.503		0.500		101	70-130			

Matrix Spike Dup (2413028-MSD1) Source: E403231-07 Prepared: 03/25/24 Analyzed: 03/27/24

Benzene	2.63	0.0250	2.50	ND	105	48-131	4.49	23	
Ethylbenzene	2.61	0.0250	2.50	ND	104	45-135	4.73	27	
Toluene	2.51	0.0250	2.50	ND	100	48-130	4.71	24	
o-Xylene	2.60	0.0250	2.50	ND	104	43-135	8.24	27	
p,m-Xylene	5.13	0.0500	5.00	ND	103	43-135	6.71	27	
Total Xylenes	7.73	0.0250	7.50	ND	103	43-135	7.22	27	
Surrogate: Bromofluorobenzene	0.507		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.507		0.500		101	70-130			
Surrogate: Toluene-d8	0.507		0.500		101	70-130			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/29/2024 3:41:38PM
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Volatile Organics by EPA 8021B

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 (2413010-BLK1) Prepared: 03/25/24 Analyzed: 03/25/24

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	7.53		8.00		94.2	70-130			

LCS (2413010-BS1) Prepared: 03/25/24 Analyzed: 03/26/24

Benzene	4.92	0.0250	5.00		98.5	70-130			
Ethylbenzene	4.76	0.0250	5.00		95.1	70-130			
Toluene	4.90	0.0250	5.00		98.1	70-130			
o-Xylene	4.83	0.0250	5.00		96.6	70-130			
p,m-Xylene	9.71	0.0500	10.0		97.1	70-130			
Total Xylenes	14.5	0.0250	15.0		96.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.59		8.00		94.8	70-130			

Matrix Spike (2413010-MS1) Source: E403220-02 Prepared: 03/25/24 Analyzed: 03/26/24

Benzene	5.02	0.0250	5.00	ND	100	54-133			
Ethylbenzene	4.85	0.0250	5.00	ND	97.0	61-133			
Toluene	5.00	0.0250	5.00	ND	99.9	61-130			
o-Xylene	4.92	0.0250	5.00	ND	98.5	63-131			
p,m-Xylene	9.91	0.0500	10.0	ND	99.1	63-131			
Total Xylenes	14.8	0.0250	15.0	ND	98.9	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.57		8.00		94.6	70-130			

Matrix Spike Dup (2413010-MSD1) Source: E403220-02 Prepared: 03/25/24 Analyzed: 03/26/24

Benzene	5.11	0.0250	5.00	ND	102	54-133	1.71	20	
Ethylbenzene	4.94	0.0250	5.00	ND	98.9	61-133	1.89	20	
Toluene	5.09	0.0250	5.00	ND	102	61-130	1.77	20	
o-Xylene	5.01	0.0250	5.00	ND	100	63-131	1.79	20	
p,m-Xylene	10.1	0.0500	10.0	ND	101	63-131	1.93	20	
Total Xylenes	15.1	0.0250	15.0	ND	101	63-131	1.88	20	
Surrogate: 4-Bromochlorobenzene-PID	7.52		8.00		94.0	70-130			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/29/2024 3:41:38PM
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Nonhalogenated Organics by EPA 8015D - GRO

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 (2413010-BLK1) Prepared: 03/25/24 Analyzed: 03/25/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.23		8.00		90.4	70-130			

LCS (2413010-BS2) Prepared: 03/25/24 Analyzed: 03/26/24

Gasoline Range Organics (C6-C10)	43.7	20.0	50.0		87.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.41		8.00		92.7	70-130			

Matrix Spike (2413010-MS2) Source: E403220-02 Prepared: 03/25/24 Analyzed: 03/26/24

Gasoline Range Organics (C6-C10)	43.0	20.0	50.0	ND	86.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.34		8.00		91.8	70-130			

Matrix Spike Dup (2413010-MSD2) Source: E403220-02 Prepared: 03/25/24 Analyzed: 03/26/24

Gasoline Range Organics (C6-C10)	41.6	20.0	50.0	ND	83.2	70-130	3.36	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.39		8.00		92.3	70-130			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/29/2024 3:41:38PM
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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 (2413028-BLK1) Prepared: 03/25/24 Analyzed: 03/27/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.519		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.507		0.500		101	70-130			
Surrogate: Toluene-d8	0.523		0.500		105	70-130			

LCS (2413028-BS2) Prepared: 03/25/24 Analyzed: 03/27/24

Gasoline Range Organics (C6-C10)	56.1	20.0	50.0		112	70-130			
Surrogate: Bromofluorobenzene	0.525		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.476		0.500		95.1	70-130			
Surrogate: Toluene-d8	0.512		0.500		102	70-130			

Matrix Spike (2413028-MS2) Source: E403231-07 Prepared: 03/25/24 Analyzed: 03/27/24

Gasoline Range Organics (C6-C10)	55.0	20.0	50.0	ND	110	70-130			
Surrogate: Bromofluorobenzene	0.531		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.484		0.500		96.7	70-130			
Surrogate: Toluene-d8	0.510		0.500		102	70-130			

Matrix Spike Dup (2413028-MSD2) Source: E403231-07 Prepared: 03/25/24 Analyzed: 03/27/24

Gasoline Range Organics (C6-C10)	53.6	20.0	50.0	ND	107	70-130	2.65	20	
Surrogate: Bromofluorobenzene	0.535		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.505		0.500		101	70-130			
Surrogate: Toluene-d8	0.516		0.500		103	70-130			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/29/2024 3:41:38PM
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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 (2413060-BLK1)					Prepared: 03/26/24 Analyzed: 03/28/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.5		50.0		95.1	50-200			

LCS (2413060-BS1)					Prepared: 03/26/24 Analyzed: 03/28/24				
Diesel Range Organics (C10-C28)	313	25.0	250		125	38-132			
Surrogate: n-Nonane	50.1		50.0		100	50-200			

Matrix Spike (2413060-MS1)					Source: E403231-06		Prepared: 03/26/24 Analyzed: 03/28/24		
Diesel Range Organics (C10-C28)	300	25.0	250	ND	120	38-132			
Surrogate: n-Nonane	47.1		50.0		94.2	50-200			

Matrix Spike Dup (2413060-MSD1)					Source: E403231-06		Prepared: 03/26/24 Analyzed: 03/28/24		
Diesel Range Organics (C10-C28)	308	25.0	250	ND	123	38-132	2.54	20	
Surrogate: n-Nonane	47.6		50.0		95.3	50-200			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/29/2024 3:41:38PM
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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 (2413061-BLK1)					Prepared: 03/26/24 Analyzed: 03/28/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.9		50.0		99.9	50-200			

LCS (2413061-BS1)					Prepared: 03/26/24 Analyzed: 03/28/24				
Diesel Range Organics (C10-C28)	329	25.0	250		132	38-132			
Surrogate: n-Nonane	47.9		50.0		95.9	50-200			

Matrix Spike (2413061-MS1)					Source: E403231-21		Prepared: 03/26/24 Analyzed: 03/28/24		
Diesel Range Organics (C10-C28)	403	25.0	250	122	113	38-132			
Surrogate: n-Nonane	45.9		50.0		91.8	50-200			

Matrix Spike Dup (2413061-MSD1)					Source: E403231-21		Prepared: 03/26/24 Analyzed: 03/28/24		
Diesel Range Organics (C10-C28)	436	25.0	250	122	126	38-132	7.80	20	
Surrogate: n-Nonane	48.1		50.0		96.1	50-200			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/29/2024 3:41:38PM
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Anions by EPA 300.0/9056A

Analyst: WF

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 (2413029-BLK1)				Prepared: 03/25/24 Analyzed: 03/26/24					
Chloride	ND	20.0							
LCS (2413029-BS1)				Prepared: 03/25/24 Analyzed: 03/26/24					
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2413029-MS1)				Source: E403223-21		Prepared: 03/25/24 Analyzed: 03/26/24			
Chloride	251	20.0	250	ND	100	80-120			
Matrix Spike Dup (2413029-MSD1)				Source: E403223-21		Prepared: 03/25/24 Analyzed: 03/26/24			
Chloride	256	20.0	250	ND	102	80-120	2.12	20	



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/29/2024 3:41:38PM
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Anions by EPA 300.0/9056A

Analyst: WF

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 (2413044-BLK1)					Prepared: 03/26/24 Analyzed: 03/26/24				
Chloride	ND	20.0							
LCS (2413044-BS1)					Prepared: 03/26/24 Analyzed: 03/27/24				
Chloride	247	20.0	250		99.0	90-110			
Matrix Spike (2413044-MS1)					Source: E403231-02		Prepared: 03/26/24 Analyzed: 03/27/24		
Chloride	2230	100	250	2030	80.0	80-120			
Matrix Spike Dup (2413044-MSD1)					Source: E403231-02		Prepared: 03/26/24 Analyzed: 03/27/24		
Chloride	2450	100	250	2030	167	80-120	9.28	20	M4

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



Definitions and Notes

NTG-New Tech Global Environmental	Project Name:	Marwari 28 CTB 2	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	03/29/24 15:41

- 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: E403231
Job # 01058-0007

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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
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	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	
1		2		3	3/22/24 11:50
3		4		5	2-23-24 11:30
5		6			



Work Order No: E403231
Job# 01058-0007

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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"/>

[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	
1				2	
3				4	
5				6	

Envirotech Analytical Laboratory

Printed: 3/25/2024 2:55:14PM

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:	03/23/24 11:30	Work Order ID:	E403231
Phone:	(281) 872-9300	Date Logged In:	03/22/24 18:23	Logged In By:	Alexa Michaels
Email:	esssums@ntglobal.com	Due Date:	03/29/24 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**

Marwari 28 CTB 2 has been separated into multiple WO due to high sample volume. WO are as follows : E403230 and E403231

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.

Report to:
Ethan Sessums



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

NTG-New Tech Global Environmental

Project Name: Marwari 28 CTB 2

Work Order: E404159

Job Number: 01058-0007

Received: 4/18/2024

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/24/24

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: 4/24/24



Ethan Sessums
911 Regional Park Dr.
Houston, TX 77060

Project Name: Marwari 28 CTB 2
Workorder: E404159
Date Received: 4/18/2024 7:45:00AM

Ethan Sessums,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/18/2024 7:45:00AM, under the Project Name: Marwari 28 CTB 2.

The analytical test results summarized in this report with the Project Name: Marwari 28 CTB 2 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,

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Sample Summary

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 04/24/24 16:02
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
TP -2 4'	E404159-01A	Soil	04/16/24	04/18/24	Glass Jar, 2 oz.
TP -2 5'	E404159-02A	Soil	04/16/24	04/18/24	Glass Jar, 2 oz.
TP -2 6'	E404159-03A	Soil	04/16/24	04/18/24	Glass Jar, 2 oz.
TP -2 7'	E404159-04A	Soil	04/16/24	04/18/24	Glass Jar, 2 oz.
TP -2 8'	E404159-05A	Soil	04/16/24	04/18/24	Glass Jar, 2 oz.
TP -3 4'	E404159-06A	Soil	04/16/24	04/18/24	Glass Jar, 2 oz.
TP -3 5'	E404159-07A	Soil	04/16/24	04/18/24	Glass Jar, 2 oz.
TP -3 6'	E404159-08A	Soil	04/16/24	04/18/24	Glass Jar, 2 oz.
TP -3 7'	E404159-09A	Soil	04/16/24	04/18/24	Glass Jar, 2 oz.
TP -3 8'	E404159-10A	Soil	04/16/24	04/18/24	Glass Jar, 2 oz.
TP -3 9'	E404159-11A	Soil	04/16/24	04/18/24	Glass Jar, 2 oz.
TP -4 4'	E404159-12A	Soil	04/16/24	04/18/24	Glass Jar, 2 oz.
TP -4 5'	E404159-13A	Soil	04/16/24	04/18/24	Glass Jar, 2 oz.
TP -4 6'	E404159-14A	Soil	04/16/24	04/18/24	Glass Jar, 2 oz.
TP -4 7'	E404159-15A	Soil	04/16/24	04/18/24	Glass Jar, 2 oz.
TP -4 8'	E404159-16A	Soil	04/16/24	04/18/24	Glass Jar, 2 oz.
TP -5 4'	E404159-17A	Soil	04/16/24	04/18/24	Glass Jar, 2 oz.
TP -5 5'	E404159-18A	Soil	04/16/24	04/18/24	Glass Jar, 2 oz.
TP -5 6'	E404159-19A	Soil	04/16/24	04/18/24	Glass Jar, 2 oz.
TP -5 7'	E404159-20A	Soil	04/16/24	04/18/24	Glass Jar, 2 oz.
TP -5 8'	E404159-21A	Soil	04/16/24	04/18/24	Glass Jar, 2 oz.
TP -6 4'	E404159-22A	Soil	04/16/24	04/18/24	Glass Jar, 2 oz.
TP -6 5'	E404159-23A	Soil	04/16/24	04/18/24	Glass Jar, 2 oz.
TP -6 6'	E404159-24A	Soil	04/16/24	04/18/24	Glass Jar, 2 oz.
TP -6 7'	E404159-25A	Soil	04/16/24	04/18/24	Glass Jar, 2 oz.
TP -6 8'	E404159-26A	Soil	04/16/24	04/18/24	Glass Jar, 2 oz.
H -3A 0-0.5'	E404159-27A	Soil	04/16/24	04/18/24	Glass Jar, 2 oz.
H -4A 0-0.5'	E404159-28A	Soil	04/16/24	04/18/24	Glass Jar, 2 oz.
H -5A 0-0.5'	E404159-29A	Soil	04/16/24	04/18/24	Glass Jar, 2 oz.
H -6A 0-0.5'	E404159-30A	Soil	04/16/24	04/18/24	Glass Jar, 2 oz.
H -8A 0-0.5'	E404159-31A	Soil	04/16/24	04/18/24	Glass Jar, 2 oz.
H -10A 0-0.5'	E404159-32A	Soil	04/16/24	04/18/24	Glass Jar, 2 oz.
H -11A 0-0.5'	E404159-33A	Soil	04/16/24	04/18/24	Glass Jar, 2 oz.
H -15A 0-0.5'	E404159-34A	Soil	04/16/24	04/18/24	Glass Jar, 2 oz.
H -16A 0-0.5'	E404159-35A	Soil	04/16/24	04/18/24	Glass Jar, 2 oz.
H -17A 0-0.5'	E404159-36A	Soil	04/16/24	04/18/24	Glass Jar, 2 oz.
H -18A 0-0.5'	E404159-37A	Soil	04/16/24	04/18/24	Glass Jar, 2 oz.



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/24/2024 4:02:02PM
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TP -2 4'

E404159-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2416099	
Benzene	ND	0.0250	1	04/18/24	04/19/24	
Ethylbenzene	ND	0.0250	1	04/18/24	04/19/24	
Toluene	ND	0.0250	1	04/18/24	04/19/24	
o-Xylene	ND	0.0250	1	04/18/24	04/19/24	
p,m-Xylene	ND	0.0500	1	04/18/24	04/19/24	
Total Xylenes	ND	0.0250	1	04/18/24	04/19/24	
Surrogate: Bromofluorobenzene		101 %	70-130	04/18/24	04/19/24	
Surrogate: 1,2-Dichloroethane-d4		99.4 %	70-130	04/18/24	04/19/24	
Surrogate: Toluene-d8		98.8 %	70-130	04/18/24	04/19/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2416099	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/18/24	04/19/24	
Surrogate: Bromofluorobenzene		101 %	70-130	04/18/24	04/19/24	
Surrogate: 1,2-Dichloroethane-d4		99.4 %	70-130	04/18/24	04/19/24	
Surrogate: Toluene-d8		98.8 %	70-130	04/18/24	04/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2416126	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/19/24	04/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/19/24	04/20/24	
Surrogate: n-Nonane		80.1 %	50-200	04/19/24	04/20/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2416109	
Chloride	ND	20.0	1	04/18/24	04/22/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/24/2024 4:02:02PM
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TP -2 5'
E404159-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2416099
Benzene	ND	0.0250	1	04/18/24	04/19/24	
Ethylbenzene	ND	0.0250	1	04/18/24	04/19/24	
Toluene	ND	0.0250	1	04/18/24	04/19/24	
o-Xylene	ND	0.0250	1	04/18/24	04/19/24	
p,m-Xylene	ND	0.0500	1	04/18/24	04/19/24	
Total Xylenes	ND	0.0250	1	04/18/24	04/19/24	
Surrogate: Bromofluorobenzene		102 %	70-130	04/18/24	04/19/24	
Surrogate: 1,2-Dichloroethane-d4		98.5 %	70-130	04/18/24	04/19/24	
Surrogate: Toluene-d8		98.5 %	70-130	04/18/24	04/19/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2416099
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/18/24	04/19/24	
Surrogate: Bromofluorobenzene		102 %	70-130	04/18/24	04/19/24	
Surrogate: 1,2-Dichloroethane-d4		98.5 %	70-130	04/18/24	04/19/24	
Surrogate: Toluene-d8		98.5 %	70-130	04/18/24	04/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2416126
Diesel Range Organics (C10-C28)	ND	25.0	1	04/19/24	04/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/19/24	04/20/24	
Surrogate: n-Nonane		84.0 %	50-200	04/19/24	04/20/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2416109
Chloride	ND	20.0	1	04/18/24	04/22/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/24/2024 4:02:02PM
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TP -2 6'
E404159-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2416099
Benzene	ND	0.0250	1	04/18/24	04/19/24	
Ethylbenzene	ND	0.0250	1	04/18/24	04/19/24	
Toluene	ND	0.0250	1	04/18/24	04/19/24	
o-Xylene	ND	0.0250	1	04/18/24	04/19/24	
p,m-Xylene	ND	0.0500	1	04/18/24	04/19/24	
Total Xylenes	ND	0.0250	1	04/18/24	04/19/24	
Surrogate: Bromofluorobenzene		102 %	70-130	04/18/24	04/19/24	
Surrogate: 1,2-Dichloroethane-d4		98.9 %	70-130	04/18/24	04/19/24	
Surrogate: Toluene-d8		99.2 %	70-130	04/18/24	04/19/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2416099
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/18/24	04/19/24	
Surrogate: Bromofluorobenzene		102 %	70-130	04/18/24	04/19/24	
Surrogate: 1,2-Dichloroethane-d4		98.9 %	70-130	04/18/24	04/19/24	
Surrogate: Toluene-d8		99.2 %	70-130	04/18/24	04/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2416126
Diesel Range Organics (C10-C28)	ND	25.0	1	04/19/24	04/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/19/24	04/20/24	
Surrogate: n-Nonane		84.6 %	50-200	04/19/24	04/20/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2416109
Chloride	ND	20.0	1	04/18/24	04/22/24	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ethan Sessums

Reported:
4/24/2024 4:02:02PM

TP -2 7'

E404159-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2416099
Benzene	ND	0.0250	1	04/18/24	04/19/24	
Ethylbenzene	ND	0.0250	1	04/18/24	04/19/24	
Toluene	ND	0.0250	1	04/18/24	04/19/24	
o-Xylene	ND	0.0250	1	04/18/24	04/19/24	
p,m-Xylene	ND	0.0500	1	04/18/24	04/19/24	
Total Xylenes	ND	0.0250	1	04/18/24	04/19/24	
Surrogate: Bromofluorobenzene		102 %	70-130	04/18/24	04/19/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	04/18/24	04/19/24	
Surrogate: Toluene-d8		99.5 %	70-130	04/18/24	04/19/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2416099
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/18/24	04/19/24	
Surrogate: Bromofluorobenzene		102 %	70-130	04/18/24	04/19/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	04/18/24	04/19/24	
Surrogate: Toluene-d8		99.5 %	70-130	04/18/24	04/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2416126
Diesel Range Organics (C10-C28)	ND	25.0	1	04/19/24	04/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/19/24	04/20/24	
Surrogate: n-Nonane		81.9 %	50-200	04/19/24	04/20/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2416109
Chloride	ND	20.0	1	04/18/24	04/20/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/24/2024 4:02:02PM
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TP -2 8'
E404159-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2416099
Benzene	ND	0.0250	1	04/18/24	04/19/24	
Ethylbenzene	ND	0.0250	1	04/18/24	04/19/24	
Toluene	ND	0.0250	1	04/18/24	04/19/24	
o-Xylene	ND	0.0250	1	04/18/24	04/19/24	
p,m-Xylene	ND	0.0500	1	04/18/24	04/19/24	
Total Xylenes	ND	0.0250	1	04/18/24	04/19/24	
Surrogate: Bromofluorobenzene	99.8 %	70-130		04/18/24	04/19/24	
Surrogate: 1,2-Dichloroethane-d4	99.0 %	70-130		04/18/24	04/19/24	
Surrogate: Toluene-d8	98.8 %	70-130		04/18/24	04/19/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2416099
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/18/24	04/19/24	
Surrogate: Bromofluorobenzene	99.8 %	70-130		04/18/24	04/19/24	
Surrogate: 1,2-Dichloroethane-d4	99.0 %	70-130		04/18/24	04/19/24	
Surrogate: Toluene-d8	98.8 %	70-130		04/18/24	04/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2416126
Diesel Range Organics (C10-C28)	ND	25.0	1	04/19/24	04/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/19/24	04/20/24	
Surrogate: n-Nonane	82.8 %	50-200		04/19/24	04/20/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2416109
Chloride	ND	20.0	1	04/18/24	04/20/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/24/2024 4:02:02PM
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TP -3 4'

E404159-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2416099
Benzene	ND	0.0250	1	04/18/24	04/20/24	
Ethylbenzene	ND	0.0250	1	04/18/24	04/20/24	
Toluene	ND	0.0250	1	04/18/24	04/20/24	
o-Xylene	ND	0.0250	1	04/18/24	04/20/24	
p,m-Xylene	ND	0.0500	1	04/18/24	04/20/24	
Total Xylenes	ND	0.0250	1	04/18/24	04/20/24	
Surrogate: Bromofluorobenzene		101 %	70-130	04/18/24	04/20/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	04/18/24	04/20/24	
Surrogate: Toluene-d8		98.1 %	70-130	04/18/24	04/20/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2416099
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/18/24	04/20/24	
Surrogate: Bromofluorobenzene		101 %	70-130	04/18/24	04/20/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	04/18/24	04/20/24	
Surrogate: Toluene-d8		98.1 %	70-130	04/18/24	04/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2416126
Diesel Range Organics (C10-C28)	ND	25.0	1	04/19/24	04/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/19/24	04/20/24	
Surrogate: n-Nonane		83.5 %	50-200	04/19/24	04/20/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2416109
Chloride	25.2	20.0	1	04/18/24	04/22/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/24/2024 4:02:02PM
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TP -3 5'
E404159-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2416099
Benzene	ND	0.0250	1	04/18/24	04/20/24	
Ethylbenzene	ND	0.0250	1	04/18/24	04/20/24	
Toluene	ND	0.0250	1	04/18/24	04/20/24	
o-Xylene	ND	0.0250	1	04/18/24	04/20/24	
p,m-Xylene	ND	0.0500	1	04/18/24	04/20/24	
Total Xylenes	ND	0.0250	1	04/18/24	04/20/24	
Surrogate: Bromofluorobenzene	99.7 %	70-130		04/18/24	04/20/24	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		04/18/24	04/20/24	
Surrogate: Toluene-d8	98.7 %	70-130		04/18/24	04/20/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2416099
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/18/24	04/20/24	
Surrogate: Bromofluorobenzene	99.7 %	70-130		04/18/24	04/20/24	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		04/18/24	04/20/24	
Surrogate: Toluene-d8	98.7 %	70-130		04/18/24	04/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2416126
Diesel Range Organics (C10-C28)	ND	25.0	1	04/19/24	04/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/19/24	04/20/24	
Surrogate: n-Nonane	80.0 %	50-200		04/19/24	04/20/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2416109
Chloride	ND	20.0	1	04/18/24	04/20/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/24/2024 4:02:02PM
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TP -3 6'
E404159-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2416099
Benzene	ND	0.0250	1	04/18/24	04/19/24	
Ethylbenzene	ND	0.0250	1	04/18/24	04/19/24	
Toluene	ND	0.0250	1	04/18/24	04/19/24	
o-Xylene	ND	0.0250	1	04/18/24	04/19/24	
p,m-Xylene	ND	0.0500	1	04/18/24	04/19/24	
Total Xylenes	ND	0.0250	1	04/18/24	04/19/24	
Surrogate: Bromofluorobenzene		103 %	70-130	04/18/24	04/19/24	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130	04/18/24	04/19/24	
Surrogate: Toluene-d8		98.5 %	70-130	04/18/24	04/19/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2416099
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/18/24	04/19/24	
Surrogate: Bromofluorobenzene		103 %	70-130	04/18/24	04/19/24	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130	04/18/24	04/19/24	
Surrogate: Toluene-d8		98.5 %	70-130	04/18/24	04/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2416126
Diesel Range Organics (C10-C28)	ND	25.0	1	04/19/24	04/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/19/24	04/20/24	
Surrogate: n-Nonane		81.6 %	50-200	04/19/24	04/20/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2416109
Chloride	64.0	40.0	2	04/18/24	04/20/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/24/2024 4:02:02PM
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TP -3 7'

E404159-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2416099
Benzene	ND	0.0250	1	04/18/24	04/20/24	
Ethylbenzene	ND	0.0250	1	04/18/24	04/20/24	
Toluene	ND	0.0250	1	04/18/24	04/20/24	
o-Xylene	ND	0.0250	1	04/18/24	04/20/24	
p,m-Xylene	ND	0.0500	1	04/18/24	04/20/24	
Total Xylenes	ND	0.0250	1	04/18/24	04/20/24	
Surrogate: Bromofluorobenzene		102 %	70-130	04/18/24	04/20/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	04/18/24	04/20/24	
Surrogate: Toluene-d8		98.8 %	70-130	04/18/24	04/20/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2416099
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/18/24	04/20/24	
Surrogate: Bromofluorobenzene		102 %	70-130	04/18/24	04/20/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	04/18/24	04/20/24	
Surrogate: Toluene-d8		98.8 %	70-130	04/18/24	04/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2416126
Diesel Range Organics (C10-C28)	ND	25.0	1	04/19/24	04/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/19/24	04/20/24	
Surrogate: n-Nonane		80.3 %	50-200	04/19/24	04/20/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2416109
Chloride	67.6	40.0	2	04/18/24	04/20/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/24/2024 4:02:02PM
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TP -3 8'

E404159-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2416099
Benzene	ND	0.0250	1	04/18/24	04/20/24	
Ethylbenzene	ND	0.0250	1	04/18/24	04/20/24	
Toluene	ND	0.0250	1	04/18/24	04/20/24	
o-Xylene	ND	0.0250	1	04/18/24	04/20/24	
p,m-Xylene	ND	0.0500	1	04/18/24	04/20/24	
Total Xylenes	ND	0.0250	1	04/18/24	04/20/24	
Surrogate: Bromofluorobenzene		101 %	70-130	04/18/24	04/20/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	04/18/24	04/20/24	
Surrogate: Toluene-d8		99.6 %	70-130	04/18/24	04/20/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2416099
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/18/24	04/20/24	
Surrogate: Bromofluorobenzene		101 %	70-130	04/18/24	04/20/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	04/18/24	04/20/24	
Surrogate: Toluene-d8		99.6 %	70-130	04/18/24	04/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2416126
Diesel Range Organics (C10-C28)	ND	25.0	1	04/19/24	04/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/19/24	04/20/24	
Surrogate: n-Nonane		81.0 %	50-200	04/19/24	04/20/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2416109
Chloride	77.9	40.0	2	04/18/24	04/20/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/24/2024 4:02:02PM
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TP -3 9'

E404159-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2416099
Benzene	ND	0.0250	1	04/18/24	04/20/24	
Ethylbenzene	ND	0.0250	1	04/18/24	04/20/24	
Toluene	ND	0.0250	1	04/18/24	04/20/24	
o-Xylene	ND	0.0250	1	04/18/24	04/20/24	
p,m-Xylene	ND	0.0500	1	04/18/24	04/20/24	
Total Xylenes	ND	0.0250	1	04/18/24	04/20/24	
Surrogate: Bromofluorobenzene	99.8 %	70-130		04/18/24	04/20/24	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		04/18/24	04/20/24	
Surrogate: Toluene-d8	98.5 %	70-130		04/18/24	04/20/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2416099
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/18/24	04/20/24	
Surrogate: Bromofluorobenzene	99.8 %	70-130		04/18/24	04/20/24	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		04/18/24	04/20/24	
Surrogate: Toluene-d8	98.5 %	70-130		04/18/24	04/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2416126
Diesel Range Organics (C10-C28)	ND	25.0	1	04/19/24	04/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/19/24	04/20/24	
Surrogate: n-Nonane	81.4 %	50-200		04/19/24	04/20/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2416109
Chloride	69.1	20.0	1	04/18/24	04/22/24	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ethan Sessums

Reported:
4/24/2024 4:02:02PM

TP -4 4'

E404159-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2416099
Benzene	ND	0.0250	1	04/18/24	04/20/24	
Ethylbenzene	ND	0.0250	1	04/18/24	04/20/24	
Toluene	ND	0.0250	1	04/18/24	04/20/24	
o-Xylene	ND	0.0250	1	04/18/24	04/20/24	
p,m-Xylene	ND	0.0500	1	04/18/24	04/20/24	
Total Xylenes	ND	0.0250	1	04/18/24	04/20/24	
Surrogate: Bromofluorobenzene		101 %	70-130	04/18/24	04/20/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	04/18/24	04/20/24	
Surrogate: Toluene-d8		98.4 %	70-130	04/18/24	04/20/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2416099
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/18/24	04/20/24	
Surrogate: Bromofluorobenzene		101 %	70-130	04/18/24	04/20/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	04/18/24	04/20/24	
Surrogate: Toluene-d8		98.4 %	70-130	04/18/24	04/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2416126
Diesel Range Organics (C10-C28)	ND	25.0	1	04/19/24	04/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/19/24	04/20/24	
Surrogate: n-Nonane		84.8 %	50-200	04/19/24	04/20/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2416109
Chloride	ND	20.0	1	04/18/24	04/22/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/24/2024 4:02:02PM
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TP -4 5'
E404159-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2416099
Benzene	ND	0.0250	1	04/18/24	04/20/24	
Ethylbenzene	ND	0.0250	1	04/18/24	04/20/24	
Toluene	ND	0.0250	1	04/18/24	04/20/24	
o-Xylene	ND	0.0250	1	04/18/24	04/20/24	
p,m-Xylene	ND	0.0500	1	04/18/24	04/20/24	
Total Xylenes	ND	0.0250	1	04/18/24	04/20/24	
Surrogate: Bromofluorobenzene		100 %	70-130	04/18/24	04/20/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	04/18/24	04/20/24	
Surrogate: Toluene-d8		98.6 %	70-130	04/18/24	04/20/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2416099
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/18/24	04/20/24	
Surrogate: Bromofluorobenzene		100 %	70-130	04/18/24	04/20/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	04/18/24	04/20/24	
Surrogate: Toluene-d8		98.6 %	70-130	04/18/24	04/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2416126
Diesel Range Organics (C10-C28)	ND	25.0	1	04/19/24	04/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/19/24	04/20/24	
Surrogate: n-Nonane		84.3 %	50-200	04/19/24	04/20/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2416109
Chloride	ND	20.0	1	04/18/24	04/22/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/24/2024 4:02:02PM
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TP -4 6'
E404159-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2416099	
Benzene	ND	0.0250	1	04/18/24	04/20/24	
Ethylbenzene	ND	0.0250	1	04/18/24	04/20/24	
Toluene	ND	0.0250	1	04/18/24	04/20/24	
o-Xylene	ND	0.0250	1	04/18/24	04/20/24	
p,m-Xylene	ND	0.0500	1	04/18/24	04/20/24	
Total Xylenes	ND	0.0250	1	04/18/24	04/20/24	
Surrogate: Bromofluorobenzene		100 %	70-130	04/18/24	04/20/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	04/18/24	04/20/24	
Surrogate: Toluene-d8		98.4 %	70-130	04/18/24	04/20/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2416099	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/18/24	04/20/24	
Surrogate: Bromofluorobenzene		100 %	70-130	04/18/24	04/20/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	04/18/24	04/20/24	
Surrogate: Toluene-d8		98.4 %	70-130	04/18/24	04/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2416126	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/19/24	04/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/19/24	04/20/24	
Surrogate: n-Nonane		84.7 %	50-200	04/19/24	04/20/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2416109	
Chloride	ND	20.0	1	04/18/24	04/21/24	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ethan Sessums

Reported:
4/24/2024 4:02:02PM

TP -4 7'

E404159-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2416099
Benzene	ND	0.0250	1	04/18/24	04/20/24	
Ethylbenzene	ND	0.0250	1	04/18/24	04/20/24	
Toluene	ND	0.0250	1	04/18/24	04/20/24	
o-Xylene	ND	0.0250	1	04/18/24	04/20/24	
p,m-Xylene	ND	0.0500	1	04/18/24	04/20/24	
Total Xylenes	ND	0.0250	1	04/18/24	04/20/24	
Surrogate: Bromofluorobenzene		101 %	70-130	04/18/24	04/20/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	04/18/24	04/20/24	
Surrogate: Toluene-d8		98.7 %	70-130	04/18/24	04/20/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2416099
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/18/24	04/20/24	
Surrogate: Bromofluorobenzene		101 %	70-130	04/18/24	04/20/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	04/18/24	04/20/24	
Surrogate: Toluene-d8		98.7 %	70-130	04/18/24	04/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2416126
Diesel Range Organics (C10-C28)	ND	25.0	1	04/19/24	04/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/19/24	04/20/24	
Surrogate: n-Nonane		84.4 %	50-200	04/19/24	04/20/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2416109
Chloride	ND	20.0	1	04/18/24	04/22/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/24/2024 4:02:02PM
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TP -4 8'

E404159-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2416099
Benzene	ND	0.0250	1	04/18/24	04/20/24	
Ethylbenzene	ND	0.0250	1	04/18/24	04/20/24	
Toluene	ND	0.0250	1	04/18/24	04/20/24	
o-Xylene	ND	0.0250	1	04/18/24	04/20/24	
p,m-Xylene	ND	0.0500	1	04/18/24	04/20/24	
Total Xylenes	ND	0.0250	1	04/18/24	04/20/24	
Surrogate: Bromofluorobenzene		102 %	70-130	04/18/24	04/20/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	04/18/24	04/20/24	
Surrogate: Toluene-d8		98.4 %	70-130	04/18/24	04/20/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2416099
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/18/24	04/20/24	
Surrogate: Bromofluorobenzene		102 %	70-130	04/18/24	04/20/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	04/18/24	04/20/24	
Surrogate: Toluene-d8		98.4 %	70-130	04/18/24	04/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2416126
Diesel Range Organics (C10-C28)	ND	25.0	1	04/19/24	04/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/19/24	04/20/24	
Surrogate: n-Nonane		85.2 %	50-200	04/19/24	04/20/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2416109
Chloride	ND	20.0	1	04/18/24	04/21/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/24/2024 4:02:02PM
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TP -5 4'

E404159-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2416099
Benzene	ND	0.0250	1	04/18/24	04/20/24	
Ethylbenzene	ND	0.0250	1	04/18/24	04/20/24	
Toluene	ND	0.0250	1	04/18/24	04/20/24	
o-Xylene	ND	0.0250	1	04/18/24	04/20/24	
p,m-Xylene	ND	0.0500	1	04/18/24	04/20/24	
Total Xylenes	ND	0.0250	1	04/18/24	04/20/24	
Surrogate: Bromofluorobenzene		102 %	70-130	04/18/24	04/20/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	04/18/24	04/20/24	
Surrogate: Toluene-d8		97.9 %	70-130	04/18/24	04/20/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2416099
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/18/24	04/20/24	
Surrogate: Bromofluorobenzene		102 %	70-130	04/18/24	04/20/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	04/18/24	04/20/24	
Surrogate: Toluene-d8		97.9 %	70-130	04/18/24	04/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2416126
Diesel Range Organics (C10-C28)	ND	25.0	1	04/19/24	04/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/19/24	04/20/24	
Surrogate: n-Nonane		85.1 %	50-200	04/19/24	04/20/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2416109
Chloride	ND	20.0	1	04/18/24	04/21/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/24/2024 4:02:02PM
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TP -5 5'
E404159-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA		Batch: 2416099	
Benzene	ND	0.0250	1	04/18/24	04/20/24	
Ethylbenzene	ND	0.0250	1	04/18/24	04/20/24	
Toluene	ND	0.0250	1	04/18/24	04/20/24	
o-Xylene	ND	0.0250	1	04/18/24	04/20/24	
p,m-Xylene	ND	0.0500	1	04/18/24	04/20/24	
Total Xylenes	ND	0.0250	1	04/18/24	04/20/24	
Surrogate: Bromofluorobenzene		100 %	70-130	04/18/24	04/20/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	04/18/24	04/20/24	
Surrogate: Toluene-d8		98.0 %	70-130	04/18/24	04/20/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2416099	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/18/24	04/20/24	
Surrogate: Bromofluorobenzene		100 %	70-130	04/18/24	04/20/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	04/18/24	04/20/24	
Surrogate: Toluene-d8		98.0 %	70-130	04/18/24	04/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2416126	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/19/24	04/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/19/24	04/20/24	
Surrogate: n-Nonane		85.1 %	50-200	04/19/24	04/20/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2416109	
Chloride	ND	20.0	1	04/18/24	04/21/24	

Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ethan Sessums

Reported:
4/24/2024 4:02:02PM

TP -5 6'

E404159-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2416099
Benzene	ND	0.0250	1	04/18/24	04/20/24	
Ethylbenzene	ND	0.0250	1	04/18/24	04/20/24	
Toluene	ND	0.0250	1	04/18/24	04/20/24	
o-Xylene	ND	0.0250	1	04/18/24	04/20/24	
p,m-Xylene	ND	0.0500	1	04/18/24	04/20/24	
Total Xylenes	ND	0.0250	1	04/18/24	04/20/24	
Surrogate: Bromofluorobenzene		100 %	70-130	04/18/24	04/20/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	04/18/24	04/20/24	
Surrogate: Toluene-d8		99.4 %	70-130	04/18/24	04/20/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2416099
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/18/24	04/20/24	
Surrogate: Bromofluorobenzene		100 %	70-130	04/18/24	04/20/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	04/18/24	04/20/24	
Surrogate: Toluene-d8		99.4 %	70-130	04/18/24	04/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2416126
Diesel Range Organics (C10-C28)	ND	25.0	1	04/19/24	04/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/19/24	04/20/24	
Surrogate: n-Nonane		84.8 %	50-200	04/19/24	04/20/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2416109
Chloride	ND	20.0	1	04/18/24	04/22/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/24/2024 4:02:02PM
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TP -5 7'

E404159-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2416099
Benzene	ND	0.0250	1	04/18/24	04/20/24	
Ethylbenzene	ND	0.0250	1	04/18/24	04/20/24	
Toluene	ND	0.0250	1	04/18/24	04/20/24	
o-Xylene	ND	0.0250	1	04/18/24	04/20/24	
p,m-Xylene	ND	0.0500	1	04/18/24	04/20/24	
Total Xylenes	ND	0.0250	1	04/18/24	04/20/24	
Surrogate: Bromofluorobenzene		101 %	70-130	04/18/24	04/20/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	04/18/24	04/20/24	
Surrogate: Toluene-d8		98.6 %	70-130	04/18/24	04/20/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2416099
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/18/24	04/20/24	
Surrogate: Bromofluorobenzene		101 %	70-130	04/18/24	04/20/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	04/18/24	04/20/24	
Surrogate: Toluene-d8		98.6 %	70-130	04/18/24	04/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2416126
Diesel Range Organics (C10-C28)	ND	25.0	1	04/19/24	04/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/19/24	04/20/24	
Surrogate: n-Nonane		84.6 %	50-200	04/19/24	04/20/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2416109
Chloride	ND	20.0	1	04/18/24	04/21/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/24/2024 4:02:02PM
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TP -5 8'
E404159-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2416100
Benzene	ND	0.0250	1	04/18/24	04/18/24	
Ethylbenzene	ND	0.0250	1	04/18/24	04/18/24	
Toluene	ND	0.0250	1	04/18/24	04/18/24	
o-Xylene	ND	0.0250	1	04/18/24	04/18/24	
p,m-Xylene	ND	0.0500	1	04/18/24	04/18/24	
Total Xylenes	ND	0.0250	1	04/18/24	04/18/24	
Surrogate: Bromofluorobenzene		113 %	70-130	04/18/24	04/18/24	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130	04/18/24	04/18/24	
Surrogate: Toluene-d8		101 %	70-130	04/18/24	04/18/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2416100
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/18/24	04/18/24	
Surrogate: Bromofluorobenzene		113 %	70-130	04/18/24	04/18/24	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130	04/18/24	04/18/24	
Surrogate: Toluene-d8		101 %	70-130	04/18/24	04/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2416127
Diesel Range Organics (C10-C28)	ND	25.0	1	04/19/24	04/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/19/24	04/19/24	
Surrogate: n-Nonane		96.6 %	50-200	04/19/24	04/19/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416110
Chloride	ND	20.0	1	04/18/24	04/20/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/24/2024 4:02:02PM
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TP -6 4'
E404159-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2416100
Benzene	ND	0.0250	1	04/18/24	04/18/24	
Ethylbenzene	ND	0.0250	1	04/18/24	04/18/24	
Toluene	ND	0.0250	1	04/18/24	04/18/24	
o-Xylene	ND	0.0250	1	04/18/24	04/18/24	
p,m-Xylene	ND	0.0500	1	04/18/24	04/18/24	
Total Xylenes	ND	0.0250	1	04/18/24	04/18/24	
Surrogate: Bromofluorobenzene		110 %	70-130	04/18/24	04/18/24	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130	04/18/24	04/18/24	
Surrogate: Toluene-d8		102 %	70-130	04/18/24	04/18/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2416100
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/18/24	04/18/24	
Surrogate: Bromofluorobenzene		110 %	70-130	04/18/24	04/18/24	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130	04/18/24	04/18/24	
Surrogate: Toluene-d8		102 %	70-130	04/18/24	04/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2416127
Diesel Range Organics (C10-C28)	ND	25.0	1	04/19/24	04/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/19/24	04/19/24	
Surrogate: n-Nonane		97.6 %	50-200	04/19/24	04/19/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416110
Chloride	ND	20.0	1	04/18/24	04/20/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/24/2024 4:02:02PM
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TP -6 5'
E404159-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2416100
Benzene	ND	0.0250	1	04/18/24	04/18/24	
Ethylbenzene	ND	0.0250	1	04/18/24	04/18/24	
Toluene	ND	0.0250	1	04/18/24	04/18/24	
o-Xylene	ND	0.0250	1	04/18/24	04/18/24	
p,m-Xylene	ND	0.0500	1	04/18/24	04/18/24	
Total Xylenes	ND	0.0250	1	04/18/24	04/18/24	
Surrogate: Bromofluorobenzene		108 %	70-130	04/18/24	04/18/24	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	70-130	04/18/24	04/18/24	
Surrogate: Toluene-d8		101 %	70-130	04/18/24	04/18/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2416100
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/18/24	04/18/24	
Surrogate: Bromofluorobenzene		108 %	70-130	04/18/24	04/18/24	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	70-130	04/18/24	04/18/24	
Surrogate: Toluene-d8		101 %	70-130	04/18/24	04/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2416127
Diesel Range Organics (C10-C28)	ND	25.0	1	04/19/24	04/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/19/24	04/20/24	
Surrogate: n-Nonane		97.7 %	50-200	04/19/24	04/20/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416110
Chloride	ND	20.0	1	04/18/24	04/20/24	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ethan Sessums

Reported:
4/24/2024 4:02:02PM

TP -6 6'

E404159-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2416100
Benzene	ND	0.0250	1	04/18/24	04/18/24	
Ethylbenzene	ND	0.0250	1	04/18/24	04/18/24	
Toluene	ND	0.0250	1	04/18/24	04/18/24	
o-Xylene	ND	0.0250	1	04/18/24	04/18/24	
p,m-Xylene	ND	0.0500	1	04/18/24	04/18/24	
Total Xylenes	ND	0.0250	1	04/18/24	04/18/24	
Surrogate: Bromofluorobenzene	88.4 %	70-130		04/18/24	04/18/24	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		04/18/24	04/18/24	
Surrogate: Toluene-d8	101 %	70-130		04/18/24	04/18/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2416100
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/18/24	04/18/24	
Surrogate: Bromofluorobenzene	88.4 %	70-130		04/18/24	04/18/24	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		04/18/24	04/18/24	
Surrogate: Toluene-d8	101 %	70-130		04/18/24	04/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2416127
Diesel Range Organics (C10-C28)	ND	25.0	1	04/19/24	04/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/19/24	04/20/24	
Surrogate: n-Nonane	94.3 %	50-200		04/19/24	04/20/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416110
Chloride	ND	20.0	1	04/18/24	04/20/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/24/2024 4:02:02PM
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TP -6 7'

E404159-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2416100
Benzene	ND	0.0250	1	04/18/24	04/18/24	
Ethylbenzene	ND	0.0250	1	04/18/24	04/18/24	
Toluene	ND	0.0250	1	04/18/24	04/18/24	
o-Xylene	ND	0.0250	1	04/18/24	04/18/24	
p,m-Xylene	ND	0.0500	1	04/18/24	04/18/24	
Total Xylenes	ND	0.0250	1	04/18/24	04/18/24	
Surrogate: Bromofluorobenzene	90.4 %	70-130		04/18/24	04/18/24	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		04/18/24	04/18/24	
Surrogate: Toluene-d8	109 %	70-130		04/18/24	04/18/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2416100
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/18/24	04/18/24	
Surrogate: Bromofluorobenzene	90.4 %	70-130		04/18/24	04/18/24	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		04/18/24	04/18/24	
Surrogate: Toluene-d8	109 %	70-130		04/18/24	04/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2416127
Diesel Range Organics (C10-C28)	ND	25.0	1	04/19/24	04/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/19/24	04/20/24	
Surrogate: n-Nonane	93.5 %	50-200		04/19/24	04/20/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416110
Chloride	ND	20.0	1	04/18/24	04/20/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/24/2024 4:02:02PM
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TP -6 8'

E404159-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2416100
Benzene	ND	0.0250	1	04/18/24	04/18/24	
Ethylbenzene	ND	0.0250	1	04/18/24	04/18/24	
Toluene	ND	0.0250	1	04/18/24	04/18/24	
o-Xylene	ND	0.0250	1	04/18/24	04/18/24	
p,m-Xylene	ND	0.0500	1	04/18/24	04/18/24	
Total Xylenes	ND	0.0250	1	04/18/24	04/18/24	
Surrogate: Bromofluorobenzene		126 %	70-130	04/18/24	04/18/24	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130	04/18/24	04/18/24	
Surrogate: Toluene-d8		101 %	70-130	04/18/24	04/18/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2416100
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/18/24	04/18/24	
Surrogate: Bromofluorobenzene		126 %	70-130	04/18/24	04/18/24	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130	04/18/24	04/18/24	
Surrogate: Toluene-d8		101 %	70-130	04/18/24	04/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2416127
Diesel Range Organics (C10-C28)	ND	25.0	1	04/19/24	04/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/19/24	04/20/24	
Surrogate: n-Nonane		93.5 %	50-200	04/19/24	04/20/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416110
Chloride	ND	20.0	1	04/18/24	04/20/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/24/2024 4:02:02PM
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H -3A 0-0.5'
E404159-27

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2416100	
Benzene	ND	0.0250	1	04/18/24	04/19/24	
Ethylbenzene	ND	0.0250	1	04/18/24	04/19/24	
Toluene	ND	0.0250	1	04/18/24	04/19/24	
o-Xylene	ND	0.0250	1	04/18/24	04/19/24	
p,m-Xylene	ND	0.0500	1	04/18/24	04/19/24	
Total Xylenes	ND	0.0250	1	04/18/24	04/19/24	
Surrogate: Bromofluorobenzene		106 %	70-130	04/18/24	04/19/24	
Surrogate: 1,2-Dichloroethane-d4		98.9 %	70-130	04/18/24	04/19/24	
Surrogate: Toluene-d8		103 %	70-130	04/18/24	04/19/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2416100	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/18/24	04/19/24	
Surrogate: Bromofluorobenzene		106 %	70-130	04/18/24	04/19/24	
Surrogate: 1,2-Dichloroethane-d4		98.9 %	70-130	04/18/24	04/19/24	
Surrogate: Toluene-d8		103 %	70-130	04/18/24	04/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2416127	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/19/24	04/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/19/24	04/20/24	
Surrogate: n-Nonane		90.7 %	50-200	04/19/24	04/20/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2416110	
Chloride	154	20.0	1	04/18/24	04/20/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/24/2024 4:02:02PM
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H -4A 0-0.5'
E404159-28

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2416100
Benzene	ND	0.0250	1	04/18/24	04/18/24	
Ethylbenzene	ND	0.0250	1	04/18/24	04/18/24	
Toluene	ND	0.0250	1	04/18/24	04/18/24	
o-Xylene	ND	0.0250	1	04/18/24	04/18/24	
p,m-Xylene	ND	0.0500	1	04/18/24	04/18/24	
Total Xylenes	ND	0.0250	1	04/18/24	04/18/24	
Surrogate: Bromofluorobenzene		111 %	70-130	04/18/24	04/18/24	
Surrogate: 1,2-Dichloroethane-d4		96.7 %	70-130	04/18/24	04/18/24	
Surrogate: Toluene-d8		101 %	70-130	04/18/24	04/18/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2416100
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/18/24	04/18/24	
Surrogate: Bromofluorobenzene		111 %	70-130	04/18/24	04/18/24	
Surrogate: 1,2-Dichloroethane-d4		96.7 %	70-130	04/18/24	04/18/24	
Surrogate: Toluene-d8		101 %	70-130	04/18/24	04/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2416127
Diesel Range Organics (C10-C28)	ND	25.0	1	04/19/24	04/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/19/24	04/20/24	
Surrogate: n-Nonane		91.5 %	50-200	04/19/24	04/20/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416110
Chloride	99.7	20.0	1	04/18/24	04/20/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/24/2024 4:02:02PM
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H -5A 0-0.5'
E404159-29

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2416100
Benzene	ND	0.0250	1	04/18/24	04/19/24	
Ethylbenzene	ND	0.0250	1	04/18/24	04/19/24	
Toluene	ND	0.0250	1	04/18/24	04/19/24	
o-Xylene	ND	0.0250	1	04/18/24	04/19/24	
p,m-Xylene	ND	0.0500	1	04/18/24	04/19/24	
Total Xylenes	ND	0.0250	1	04/18/24	04/19/24	
Surrogate: Bromofluorobenzene		108 %	70-130	04/18/24	04/19/24	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130	04/18/24	04/19/24	
Surrogate: Toluene-d8		86.1 %	70-130	04/18/24	04/19/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2416100
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/18/24	04/19/24	
Surrogate: Bromofluorobenzene		108 %	70-130	04/18/24	04/19/24	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130	04/18/24	04/19/24	
Surrogate: Toluene-d8		86.1 %	70-130	04/18/24	04/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2416127
Diesel Range Organics (C10-C28)	ND	25.0	1	04/19/24	04/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/19/24	04/20/24	
Surrogate: n-Nonane		92.8 %	50-200	04/19/24	04/20/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416110
Chloride	76.3	20.0	1	04/18/24	04/20/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/24/2024 4:02:02PM
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H -6A 0-0.5'
E404159-30

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2416100	
Benzene	ND	0.0250	1	04/18/24	04/19/24	
Ethylbenzene	ND	0.0250	1	04/18/24	04/19/24	
Toluene	ND	0.0250	1	04/18/24	04/19/24	
o-Xylene	ND	0.0250	1	04/18/24	04/19/24	
p,m-Xylene	ND	0.0500	1	04/18/24	04/19/24	
Total Xylenes	ND	0.0250	1	04/18/24	04/19/24	
Surrogate: Bromofluorobenzene		129 %	70-130	04/18/24	04/19/24	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130	04/18/24	04/19/24	
Surrogate: Toluene-d8		103 %	70-130	04/18/24	04/19/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2416100	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/18/24	04/19/24	
Surrogate: Bromofluorobenzene		129 %	70-130	04/18/24	04/19/24	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130	04/18/24	04/19/24	
Surrogate: Toluene-d8		103 %	70-130	04/18/24	04/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2416127	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/19/24	04/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/19/24	04/20/24	
Surrogate: n-Nonane		92.3 %	50-200	04/19/24	04/20/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2416110	
Chloride	108	20.0	1	04/18/24	04/20/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/24/2024 4:02:02PM
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H -8A 0-0.5'
E404159-31

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2416100	
Benzene	ND	0.0250	1	04/18/24	04/19/24	
Ethylbenzene	ND	0.0250	1	04/18/24	04/19/24	
Toluene	ND	0.0250	1	04/18/24	04/19/24	
o-Xylene	ND	0.0250	1	04/18/24	04/19/24	
p,m-Xylene	ND	0.0500	1	04/18/24	04/19/24	
Total Xylenes	ND	0.0250	1	04/18/24	04/19/24	
Surrogate: Bromofluorobenzene		127 %	70-130	04/18/24	04/19/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	04/18/24	04/19/24	
Surrogate: Toluene-d8		104 %	70-130	04/18/24	04/19/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2416100	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/18/24	04/19/24	
Surrogate: Bromofluorobenzene		127 %	70-130	04/18/24	04/19/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	04/18/24	04/19/24	
Surrogate: Toluene-d8		104 %	70-130	04/18/24	04/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2416127	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/19/24	04/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/19/24	04/20/24	
Surrogate: n-Nonane		92.7 %	50-200	04/19/24	04/20/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2416110	
Chloride	67.9	20.0	1	04/18/24	04/20/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/24/2024 4:02:02PM
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H -10A 0-0.5'
E404159-32

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2416100
Benzene	ND	0.0250	1	04/18/24	04/19/24	
Ethylbenzene	ND	0.0250	1	04/18/24	04/19/24	
Toluene	ND	0.0250	1	04/18/24	04/19/24	
o-Xylene	ND	0.0250	1	04/18/24	04/19/24	
p,m-Xylene	ND	0.0500	1	04/18/24	04/19/24	
Total Xylenes	ND	0.0250	1	04/18/24	04/19/24	
Surrogate: Bromofluorobenzene		106 %	70-130	04/18/24	04/19/24	
Surrogate: 1,2-Dichloroethane-d4		99.2 %	70-130	04/18/24	04/19/24	
Surrogate: Toluene-d8		113 %	70-130	04/18/24	04/19/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2416100
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/18/24	04/19/24	
Surrogate: Bromofluorobenzene		106 %	70-130	04/18/24	04/19/24	
Surrogate: 1,2-Dichloroethane-d4		99.2 %	70-130	04/18/24	04/19/24	
Surrogate: Toluene-d8		113 %	70-130	04/18/24	04/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2416127
Diesel Range Organics (C10-C28)	ND	25.0	1	04/19/24	04/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/19/24	04/20/24	
Surrogate: n-Nonane		91.4 %	50-200	04/19/24	04/20/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416110
Chloride	53.1	20.0	1	04/18/24	04/20/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/24/2024 4:02:02PM
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H -11A 0-0.5'
E404159-33

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2416100
Benzene	ND	0.0250	1	04/18/24	04/19/24	
Ethylbenzene	ND	0.0250	1	04/18/24	04/19/24	
Toluene	ND	0.0250	1	04/18/24	04/19/24	
o-Xylene	ND	0.0250	1	04/18/24	04/19/24	
p,m-Xylene	ND	0.0500	1	04/18/24	04/19/24	
Total Xylenes	ND	0.0250	1	04/18/24	04/19/24	
Surrogate: Bromofluorobenzene		107 %	70-130	04/18/24	04/19/24	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	70-130	04/18/24	04/19/24	
Surrogate: Toluene-d8		104 %	70-130	04/18/24	04/19/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2416100
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/18/24	04/19/24	
Surrogate: Bromofluorobenzene		107 %	70-130	04/18/24	04/19/24	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	70-130	04/18/24	04/19/24	
Surrogate: Toluene-d8		104 %	70-130	04/18/24	04/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2416127
Diesel Range Organics (C10-C28)	ND	25.0	1	04/19/24	04/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/19/24	04/20/24	
Surrogate: n-Nonane		96.8 %	50-200	04/19/24	04/20/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416110
Chloride	67.8	20.0	1	04/18/24	04/20/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/24/2024 4:02:02PM
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H -15A 0-0.5'
E404159-34

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2416100
Benzene	ND	0.0250	1	04/18/24	04/19/24	
Ethylbenzene	ND	0.0250	1	04/18/24	04/19/24	
Toluene	ND	0.0250	1	04/18/24	04/19/24	
o-Xylene	ND	0.0250	1	04/18/24	04/19/24	
p,m-Xylene	ND	0.0500	1	04/18/24	04/19/24	
Total Xylenes	ND	0.0250	1	04/18/24	04/19/24	
Surrogate: Bromofluorobenzene		107 %	70-130	04/18/24	04/19/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	04/18/24	04/19/24	
Surrogate: Toluene-d8		104 %	70-130	04/18/24	04/19/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2416100
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/18/24	04/19/24	
Surrogate: Bromofluorobenzene		107 %	70-130	04/18/24	04/19/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	04/18/24	04/19/24	
Surrogate: Toluene-d8		104 %	70-130	04/18/24	04/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2416127
Diesel Range Organics (C10-C28)	ND	25.0	1	04/19/24	04/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/19/24	04/20/24	
Surrogate: n-Nonane		92.8 %	50-200	04/19/24	04/20/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416110
Chloride	141	20.0	1	04/18/24	04/20/24	

Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/24/2024 4:02:02PM
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H -16A 0-0.5'
E404159-35

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2416100
Benzene	ND	0.0250	1	04/18/24	04/19/24	
Ethylbenzene	ND	0.0250	1	04/18/24	04/19/24	
Toluene	ND	0.0250	1	04/18/24	04/19/24	
o-Xylene	ND	0.0250	1	04/18/24	04/19/24	
p,m-Xylene	ND	0.0500	1	04/18/24	04/19/24	
Total Xylenes	ND	0.0250	1	04/18/24	04/19/24	
Surrogate: Bromofluorobenzene		107 %	70-130	04/18/24	04/19/24	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130	04/18/24	04/19/24	
Surrogate: Toluene-d8		103 %	70-130	04/18/24	04/19/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2416100
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/18/24	04/19/24	
Surrogate: Bromofluorobenzene		107 %	70-130	04/18/24	04/19/24	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130	04/18/24	04/19/24	
Surrogate: Toluene-d8		103 %	70-130	04/18/24	04/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2416127
Diesel Range Organics (C10-C28)	ND	25.0	1	04/19/24	04/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/19/24	04/20/24	
Surrogate: n-Nonane		95.2 %	50-200	04/19/24	04/20/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416110
Chloride	74.4	20.0	1	04/18/24	04/20/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/24/2024 4:02:02PM
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H -17A 0-0.5'
E404159-36

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2416100
Benzene	ND	0.0250	1	04/18/24	04/19/24	
Ethylbenzene	ND	0.0250	1	04/18/24	04/19/24	
Toluene	ND	0.0250	1	04/18/24	04/19/24	
o-Xylene	ND	0.0250	1	04/18/24	04/19/24	
p,m-Xylene	ND	0.0500	1	04/18/24	04/19/24	
Total Xylenes	ND	0.0250	1	04/18/24	04/19/24	
Surrogate: Bromofluorobenzene		104 %	70-130	04/18/24	04/19/24	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130	04/18/24	04/19/24	
Surrogate: Toluene-d8		103 %	70-130	04/18/24	04/19/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2416100
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/18/24	04/19/24	
Surrogate: Bromofluorobenzene		104 %	70-130	04/18/24	04/19/24	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130	04/18/24	04/19/24	
Surrogate: Toluene-d8		103 %	70-130	04/18/24	04/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2416127
Diesel Range Organics (C10-C28)	ND	25.0	1	04/19/24	04/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/19/24	04/20/24	
Surrogate: n-Nonane		95.3 %	50-200	04/19/24	04/20/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416110
Chloride	54.0	20.0	1	04/18/24	04/20/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/24/2024 4:02:02PM
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H -18A 0-0.5'
E404159-37

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2416100
Benzene	ND	0.0250	1	04/18/24	04/19/24	
Ethylbenzene	ND	0.0250	1	04/18/24	04/19/24	
Toluene	ND	0.0250	1	04/18/24	04/19/24	
o-Xylene	ND	0.0250	1	04/18/24	04/19/24	
p,m-Xylene	ND	0.0500	1	04/18/24	04/19/24	
Total Xylenes	ND	0.0250	1	04/18/24	04/19/24	
Surrogate: Bromofluorobenzene	81.8 %	70-130		04/18/24	04/19/24	
Surrogate: 1,2-Dichloroethane-d4	99.8 %	70-130		04/18/24	04/19/24	
Surrogate: Toluene-d8	101 %	70-130		04/18/24	04/19/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2416100
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/18/24	04/19/24	
Surrogate: Bromofluorobenzene	81.8 %	70-130		04/18/24	04/19/24	
Surrogate: 1,2-Dichloroethane-d4	99.8 %	70-130		04/18/24	04/19/24	
Surrogate: Toluene-d8	101 %	70-130		04/18/24	04/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2416127
Diesel Range Organics (C10-C28)	ND	25.0	1	04/19/24	04/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/19/24	04/20/24	
Surrogate: n-Nonane	94.2 %	50-200		04/19/24	04/20/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416110
Chloride	97.3	20.0	1	04/18/24	04/20/24	



QC Summary Data

NTG-New Tech Global Environmental	Project Name:	Marwari 28 CTB 2	Reported:
911 Regional Park Dr.	Project Number:	01058-0007	
Houston TX, 77060	Project Manager:	Ethan Sessums	4/24/2024 4:02:02PM

Volatile Organic Compounds by EPA 8260B

Analyst: BA

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

Blank (2416099-BLK1) Prepared: 04/18/24 Analyzed: 04/19/24

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	0.517		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.497		0.500		99.4	70-130			
Surrogate: Toluene-d8	0.500		0.500		100	70-130			

LCS (2416099-BS1) Prepared: 04/18/24 Analyzed: 04/19/24

Benzene	2.73	0.0250	2.50		109	70-130			
Ethylbenzene	2.60	0.0250	2.50		104	70-130			
Toluene	2.51	0.0250	2.50		100	70-130			
o-Xylene	2.59	0.0250	2.50		104	70-130			
p,m-Xylene	5.07	0.0500	5.00		101	70-130			
Total Xylenes	7.66	0.0250	7.50		102	70-130			
Surrogate: Bromofluorobenzene	0.499		0.500		99.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.495		0.500		98.9	70-130			
Surrogate: Toluene-d8	0.495		0.500		98.9	70-130			

Matrix Spike (2416099-MS1) Source: E404159-08 Prepared: 04/18/24 Analyzed: 04/19/24

Benzene	2.69	0.0250	2.50	ND	108	48-131			
Ethylbenzene	2.59	0.0250	2.50	ND	103	45-135			
Toluene	2.52	0.0250	2.50	ND	101	48-130			
o-Xylene	2.59	0.0250	2.50	ND	103	43-135			
p,m-Xylene	5.06	0.0500	5.00	ND	101	43-135			
Total Xylenes	7.65	0.0250	7.50	ND	102	43-135			
Surrogate: Bromofluorobenzene	0.497		0.500		99.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.492		0.500		98.3	70-130			
Surrogate: Toluene-d8	0.497		0.500		99.4	70-130			

Matrix Spike Dup (2416099-MSD1) Source: E404159-08 Prepared: 04/18/24 Analyzed: 04/19/24

Benzene	2.77	0.0250	2.50	ND	111	48-131	2.97	23	
Ethylbenzene	2.65	0.0250	2.50	ND	106	45-135	2.48	27	
Toluene	2.55	0.0250	2.50	ND	102	48-130	1.44	24	
o-Xylene	2.70	0.0250	2.50	ND	108	43-135	4.42	27	
p,m-Xylene	5.26	0.0500	5.00	ND	105	43-135	3.73	27	
Total Xylenes	7.96	0.0250	7.50	ND	106	43-135	3.97	27	
Surrogate: Bromofluorobenzene	0.506		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		100	70-130			
Surrogate: Toluene-d8	0.497		0.500		99.4	70-130			



QC Summary Data

NTG-New Tech Global Environmental	Project Name:	Marwari 28 CTB 2	Reported:
911 Regional Park Dr.	Project Number:	01058-0007	
Houston TX, 77060	Project Manager:	Ethan Sessums	4/24/2024 4:02:02PM

Volatile Organic Compounds by EPA 8260B

Analyst: BA

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

Blank (2416100-BLK1) Prepared: 04/18/24 Analyzed: 04/18/24

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	0.560		0.500		112	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.496		0.500		99.1	70-130			
Surrogate: Toluene-d8	0.519		0.500		104	70-130			

LCS (2416100-BS1) Prepared: 04/18/24 Analyzed: 04/18/24

Benzene	2.57	0.0250	2.50		103	70-130			
Ethylbenzene	2.44	0.0250	2.50		97.5	70-130			
Toluene	2.38	0.0250	2.50		95.1	70-130			
o-Xylene	2.34	0.0250	2.50		93.5	70-130			
p,m-Xylene	4.75	0.0500	5.00		95.0	70-130			
Total Xylenes	7.09	0.0250	7.50		94.5	70-130			
Surrogate: Bromofluorobenzene	0.514		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.467		0.500		93.3	70-130			
Surrogate: Toluene-d8	0.517		0.500		103	70-130			

Matrix Spike (2416100-MS1) Source: E404159-28 Prepared: 04/18/24 Analyzed: 04/18/24

Benzene	2.40	0.0250	2.50	ND	95.8	48-131			
Ethylbenzene	2.28	0.0250	2.50	ND	91.3	45-135			
Toluene	2.24	0.0250	2.50	ND	89.7	48-130			
o-Xylene	2.26	0.0250	2.50	ND	90.5	43-135			
p,m-Xylene	4.54	0.0500	5.00	ND	90.8	43-135			
Total Xylenes	6.80	0.0250	7.50	ND	90.7	43-135			
Surrogate: Bromofluorobenzene	0.522		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.477		0.500		95.4	70-130			
Surrogate: Toluene-d8	0.510		0.500		102	70-130			

Matrix Spike Dup (2416100-MSD1) Source: E404159-28 Prepared: 04/18/24 Analyzed: 04/18/24

Benzene	2.70	0.0250	2.50	ND	108	48-131	12.0	23	
Ethylbenzene	2.59	0.0250	2.50	ND	104	45-135	12.8	27	
Toluene	2.52	0.0250	2.50	ND	101	48-130	11.6	24	
o-Xylene	2.57	0.0250	2.50	ND	103	43-135	12.9	27	
p,m-Xylene	5.17	0.0500	5.00	ND	103	43-135	12.9	27	
Total Xylenes	7.74	0.0250	7.50	ND	103	43-135	12.9	27	
Surrogate: Bromofluorobenzene	0.514		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.7	70-130			
Surrogate: Toluene-d8	0.509		0.500		102	70-130			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/24/2024 4:02:02PM
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Nonhalogenated Organics by EPA 8015D - GRO

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 (2416099-BLK1) Prepared: 04/18/24 Analyzed: 04/19/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.517		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.497		0.500		99.4	70-130			
Surrogate: Toluene-d8	0.500		0.500		100	70-130			

LCS (2416099-BS2) Prepared: 04/18/24 Analyzed: 04/19/24

Gasoline Range Organics (C6-C10)	54.2	20.0	50.0		108	70-130			
Surrogate: Bromofluorobenzene	0.518		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.490		0.500		97.9	70-130			
Surrogate: Toluene-d8	0.508		0.500		102	70-130			

Matrix Spike (2416099-MS2) Source: E404159-08 Prepared: 04/18/24 Analyzed: 04/19/24

Gasoline Range Organics (C6-C10)	53.0	20.0	50.0	ND	106	70-130			
Surrogate: Bromofluorobenzene	0.516		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.7	70-130			
Surrogate: Toluene-d8	0.497		0.500		99.3	70-130			

Matrix Spike Dup (2416099-MSD2) Source: E404159-08 Prepared: 04/18/24 Analyzed: 04/19/24

Gasoline Range Organics (C6-C10)	53.4	20.0	50.0	ND	107	70-130	0.741	20	
Surrogate: Bromofluorobenzene	0.514		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.497		0.500		99.3	70-130			
Surrogate: Toluene-d8	0.498		0.500		99.6	70-130			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/24/2024 4:02:02PM
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Nonhalogenated Organics by EPA 8015D - GRO

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 (2416100-BLK1) Prepared: 04/18/24 Analyzed: 04/18/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.560		0.500		112	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.496		0.500		99.1	70-130			
Surrogate: Toluene-d8	0.519		0.500		104	70-130			

LCS (2416100-BS2) Prepared: 04/18/24 Analyzed: 04/18/24

Gasoline Range Organics (C6-C10)	53.1	20.0	50.0		106	70-130			
Surrogate: Bromofluorobenzene	0.538		0.500		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.483		0.500		96.6	70-130			
Surrogate: Toluene-d8	0.510		0.500		102	70-130			

Matrix Spike (2416100-MS2) Source: E404159-28 Prepared: 04/18/24 Analyzed: 04/18/24

Gasoline Range Organics (C6-C10)	48.2	20.0	50.0	ND	96.5	70-130			
Surrogate: Bromofluorobenzene	0.546		0.500		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.480		0.500		95.9	70-130			
Surrogate: Toluene-d8	0.518		0.500		104	70-130			

Matrix Spike Dup (2416100-MSD2) Source: E404159-28 Prepared: 04/18/24 Analyzed: 04/18/24

Gasoline Range Organics (C6-C10)	50.4	20.0	50.0	ND	101	70-130	4.43	20	
Surrogate: Bromofluorobenzene	0.539		0.500		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.488		0.500		97.6	70-130			
Surrogate: Toluene-d8	0.515		0.500		103	70-130			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/24/2024 4:02:02PM
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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 (2416126-BLK1)					Prepared: 04/19/24 Analyzed: 04/20/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	41.3		50.0		82.5	50-200			

LCS (2416126-BS1)					Prepared: 04/19/24 Analyzed: 04/20/24				
Diesel Range Organics (C10-C28)	229	25.0	250		91.6	38-132			
Surrogate: n-Nonane	40.6		50.0		81.2	50-200			

Matrix Spike (2416126-MS1)					Source: E404159-02		Prepared: 04/19/24 Analyzed: 04/20/24		
Diesel Range Organics (C10-C28)	235	25.0	250	ND	94.0	38-132			
Surrogate: n-Nonane	42.8		50.0		85.5	50-200			

Matrix Spike Dup (2416126-MSD1)					Source: E404159-02		Prepared: 04/19/24 Analyzed: 04/20/24		
Diesel Range Organics (C10-C28)	222	25.0	250	ND	88.7	38-132	5.70	20	
Surrogate: n-Nonane	39.5		50.0		78.9	50-200			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/24/2024 4:02:02PM
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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 (2416127-BLK1)					Prepared: 04/19/24 Analyzed: 04/19/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.6		50.0		95.2	50-200			

LCS (2416127-BS1)					Prepared: 04/19/24 Analyzed: 04/19/24				
Diesel Range Organics (C10-C28)	248	25.0	250		99.1	38-132			
Surrogate: n-Nonane	45.2		50.0		90.5	50-200			

Matrix Spike (2416127-MS1)					Source: E404159-28		Prepared: 04/19/24 Analyzed: 04/19/24		
Diesel Range Organics (C10-C28)	244	25.0	250	ND	97.6	38-132			
Surrogate: n-Nonane	46.6		50.0		93.2	50-200			

Matrix Spike Dup (2416127-MSD1)					Source: E404159-28		Prepared: 04/19/24 Analyzed: 04/19/24		
Diesel Range Organics (C10-C28)	246	25.0	250	ND	98.2	38-132	0.624	20	
Surrogate: n-Nonane	46.1		50.0		92.1	50-200			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/24/2024 4:02:02PM
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Anions by EPA 300.0/9056A

Analyst: DT

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 (2416109-BLK1)					Prepared: 04/18/24 Analyzed: 04/20/24				
Chloride	ND	20.0							
LCS (2416109-BS1)					Prepared: 04/18/24 Analyzed: 04/20/24				
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2416109-MS1)					Source: E404159-10		Prepared: 04/18/24 Analyzed: 04/20/24		
Chloride	325	40.0	250	77.9	98.7	80-120			
Matrix Spike Dup (2416109-MSD1)					Source: E404159-10		Prepared: 04/18/24 Analyzed: 04/20/24		
Chloride	320	40.0	250	77.9	97.0	80-120	1.29	20	



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 4/24/2024 4:02:02PM
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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 (2416110-BLK1)					Prepared: 04/18/24 Analyzed: 04/20/24				
Chloride	ND	20.0							
LCS (2416110-BS1)					Prepared: 04/18/24 Analyzed: 04/20/24				
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2416110-MS1)					Source: E404159-29		Prepared: 04/18/24 Analyzed: 04/20/24		
Chloride	312	20.0	250	76.3	94.4	80-120			
Matrix Spike Dup (2416110-MSD1)					Source: E404159-29		Prepared: 04/18/24 Analyzed: 04/20/24		
Chloride	322	20.0	250	76.3	98.1	80-120	2.98	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:	Marwari 28 CTB 2	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	04/24/24 16:02

- 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.





Chain of Custody

 Work Order No: E404159
 Job #: 01058-0007
Page 1 of 4

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:		Marwari 28 CTB 2		Turn Around				ANALYSIS REQUEST												Preservative Codes									
Project Number:		248541		<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush		Pres. Code														None: NO DI Water: H ₂ O									
Project Location		Lea Co, 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 ₃ : HN									
PO #:		21308936																		H ₂ SO ₄ : H ₂ NaOH: Na									
SAMPLE RECEIPT		Temp Blank:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Wet Ice:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>														H ₃ PO ₄ : HP							
Received Intact:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID:																NaHSO ₄ : NABIS									
Cooler Custody Seals:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃									
Sample Custody Seals:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Temperature Reading:		4														Zn Acetate+NaOH: Zn									
Total Containers:		37		Corrected Temperature:																NaOH+Ascorbic Acid: SAPC									
Sample Identification		Depth (ft bgs)		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
1 TP-2		4'		4/16/2024				X				Grab		1		X X X													
2 TP-2		5'		4/16/2024				X				Grab		1		X X X													
3 TP-2		6'		4/16/2024				X				Grab		1		X X X													
4 TP-2		7'		4/16/2024				X				Grab		1		X X X													
5 TP-2		8'		4/16/2024				X				Grab		1		X X X													
6 TP-3		4'		4/16/2024				X				Grab		1		X X X													
7 TP-3		5'		4/16/2024				X				Grab		1		X X X													
8 TP-3		6'		4/16/2024				X				Grab		1		X X X													
9 TP-3		7'		4/16/2024				X				Grab		1		X X X													
10 TP-3		8'		4/16/2024				X				Grab		1		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
1 <i>[Signature]</i>	Michelle Gonzales	4-17-24 1042	Michelle Gonzales	<i>[Signature]</i>	4.17.24 1730
3 <i>[Signature]</i>				<i>[Signature]</i>	4/18/24 0745
5					

Page 2 of 4

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="text"/>	


Additional Comments:

Relinquished by: (Signature)		Received by: (Signature)		Date/Time	
1		Michelle Gonzales	4-17-24 1042		4-17-24 1730
3					4/18/24 0745
5					



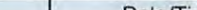


Page 3 of 4

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:		

Additional Comments:

Relinquished by: (Signature)		Received by: (Signature)		Date/Time	
1		Michelle Gonzales	4-17-24 1042	4	Michelle Gonzales
3	Andrea Webb			4	Andrea Webb
5				6	

Page 4 of 4

Relinquished by: (Signature)		Received by: (Signature)		Date/Time	
1					
3	Andrew	Michelle Gonzales	4-17-24 1042	Michelle Gonzales	4.17.24 1730
5					4/18/24 0745

Envirotech Analytical Laboratory

Printed: 4/22/2024 3:02:16PM

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:	04/18/24 07:45	Work Order ID:	E404159
Phone:	(281) 872-9300	Date Logged In:	04/18/24 08:44	Logged In By:	Angelina Pineda
Email:	esssums@ntglobal.com	Due Date:	04/24/24 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? No
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

Time Sampled not documented on COC by client

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

Date



envirotech Inc.

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

August 12, 2024

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: MARWARI 23 CTB 2

Enclosed are the results of analyses for samples received by the laboratory on 08/08/24 13:58.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at

www.tceq.texas.gov/field/ga/lab_accred_certif.html.

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

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

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

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

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

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CS - 1	H244799-01	Soil	08-Aug-24 00:00	08-Aug-24 13:58
CS - 2	H244799-02	Soil	08-Aug-24 00:00	08-Aug-24 13:58
CS - 3	H244799-03	Soil	08-Aug-24 00:00	08-Aug-24 13:58
CS - 4	H244799-04	Soil	08-Aug-24 00:00	08-Aug-24 13:58
CS - 5	H244799-05	Soil	08-Aug-24 00:00	08-Aug-24 13:58
CS - 8	H244799-06	Soil	08-Aug-24 00:00	08-Aug-24 13:58
CS - 9	H244799-07	Soil	08-Aug-24 00:00	08-Aug-24 13:58
CS - 13	H244799-08	Soil	08-Aug-24 00:00	08-Aug-24 13:58
CS - 14	H244799-09	Soil	08-Aug-24 00:00	08-Aug-24 13:58
CS - 19	H244799-10	Soil	08-Aug-24 00:00	08-Aug-24 13:58
CS - 20	H244799-11	Soil	08-Aug-24 00:00	08-Aug-24 13:58
CS - 21	H244799-12	Soil	08-Aug-24 00:00	08-Aug-24 13:58
CS - 22	H244799-13	Soil	08-Aug-24 00:00	08-Aug-24 13:58
CS - 23	H244799-14	Soil	08-Aug-24 00:00	08-Aug-24 13:58
CS - 24	H244799-15	Soil	08-Aug-24 00:00	08-Aug-24 13:58
CS - 25	H244799-16	Soil	08-Aug-24 00:00	08-Aug-24 13:58
CS - 26	H244799-17	Soil	08-Aug-24 00:00	08-Aug-24 13:58
CS - 27	H244799-18	Soil	08-Aug-24 00:00	08-Aug-24 13:58
CS - 28	H244799-19	Soil	08-Aug-24 00:00	08-Aug-24 13:58
CS - 29	H244799-20	Soil	08-Aug-24 00:00	08-Aug-24 13:58
CS - 30	H244799-21	Soil	08-Aug-24 00:00	08-Aug-24 13:58
CS - 31	H244799-22	Soil	08-Aug-24 00:00	08-Aug-24 13:58
CS - 32	H244799-23	Soil	08-Aug-24 00:00	08-Aug-24 13:58
CS - 33	H244799-24	Soil	08-Aug-24 00:00	08-Aug-24 13:58
CS - 34	H244799-25	Soil	08-Aug-24 00:00	08-Aug-24 13:58
CS - 35	H244799-26	Soil	08-Aug-24 00:00	08-Aug-24 13:58
CS - 36	H244799-27	Soil	08-Aug-24 00:00	08-Aug-24 13:58

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

CS - 37	H244799-28	Soil	08-Aug-24 00:00	08-Aug-24 13:58
CS - 38	H244799-29	Soil	08-Aug-24 00:00	08-Aug-24 13:58
CS - 39	H244799-30	Soil	08-Aug-24 00:00	08-Aug-24 13:58
CS - 40	H244799-31	Soil	08-Aug-24 00:00	08-Aug-24 13:58
CS - 41	H244799-32	Soil	08-Aug-24 00:00	08-Aug-24 13:58
CS - 42	H244799-33	Soil	08-Aug-24 00:00	08-Aug-24 13:58
CS - 43	H244799-34	Soil	08-Aug-24 00:00	08-Aug-24 13:58
CS - 44	H244799-35	Soil	08-Aug-24 00:00	08-Aug-24 13:58
CS - 45	H244799-36	Soil	08-Aug-24 00:00	08-Aug-24 13:58
CS - 46	H244799-37	Soil	08-Aug-24 00:00	08-Aug-24 13:58
CS - 47	H244799-38	Soil	08-Aug-24 00:00	08-Aug-24 13:58
CS - 48	H244799-39	Soil	08-Aug-24 00:00	08-Aug-24 13:58
CS - 49	H244799-40	Soil	08-Aug-24 00:00	08-Aug-24 13:58
CS - 50	H244799-41	Soil	08-Aug-24 00:00	08-Aug-24 13:58
CS - 51	H244799-42	Soil	08-Aug-24 00:00	08-Aug-24 13:58
CS - 52	H244799-43	Soil	08-Aug-24 00:00	08-Aug-24 13:58
CS - 53	H244799-44	Soil	08-Aug-24 00:00	08-Aug-24 13:58
CS - 54	H244799-45	Soil	08-Aug-24 00:00	08-Aug-24 13:58
CS - 55	H244799-46	Soil	08-Aug-24 00:00	08-Aug-24 13:58
CS - 56	H244799-47	Soil	08-Aug-24 00:00	08-Aug-24 13:58
CS - 57	H244799-48	Soil	08-Aug-24 00:00	08-Aug-24 13:58
CS - 58	H244799-49	Soil	08-Aug-24 00:00	08-Aug-24 13:58
CS - 59	H244799-50	Soil	08-Aug-24 00:00	08-Aug-24 13:58
CS - 60	H244799-51	Soil	08-Aug-24 00:00	08-Aug-24 13:58
CS - 61	H244799-52	Soil	08-Aug-24 00:00	08-Aug-24 13:58
CS - 62	H244799-53	Soil	08-Aug-24 00:00	08-Aug-24 13:58
CS - 63	H244799-54	Soil	08-Aug-24 00:00	08-Aug-24 13:58
CS - 64	H244799-55	Soil	08-Aug-24 00:00	08-Aug-24 13:58
CS - 65	H244799-56	Soil	08-Aug-24 00:00	08-Aug-24 13:58
CS - 66	H244799-57	Soil	08-Aug-24 00:00	08-Aug-24 13:58

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

CS - 67	H244799-58	Soil	08-Aug-24 00:00	08-Aug-24 13:58
SW - 1	H244799-59	Soil	08-Aug-24 00:00	08-Aug-24 13:58
SW - 2	H244799-60	Soil	08-Aug-24 00:00	08-Aug-24 13:58
SW - 3	H244799-61	Soil	08-Aug-24 00:00	08-Aug-24 13:58
SW - 5	H244799-62	Soil	08-Aug-24 00:00	08-Aug-24 13:58
SW - 6	H244799-63	Soil	08-Aug-24 00:00	08-Aug-24 13:58
SW - 7	H244799-64	Soil	08-Aug-24 00:00	08-Aug-24 13:58
SW - 8	H244799-65	Soil	08-Aug-24 00:00	08-Aug-24 13:58
SW - 9	H244799-66	Soil	08-Aug-24 00:00	08-Aug-24 13:58
SW - 10	H244799-67	Soil	08-Aug-24 00:00	08-Aug-24 13:58
SW - 11	H244799-68	Soil	08-Aug-24 00:00	08-Aug-24 13:58
SW - 12	H244799-69	Soil	08-Aug-24 00:00	08-Aug-24 13:58
SW - 13	H244799-70	Soil	08-Aug-24 00:00	08-Aug-24 13:58
SW - 14	H244799-71	Soil	08-Aug-24 00:00	08-Aug-24 13:58
SW - 15	H244799-72	Soil	08-Aug-24 00:00	08-Aug-24 13:58
SW - 16	H244799-73	Soil	08-Aug-24 00:00	08-Aug-24 13:58
SW - 17	H244799-74	Soil	08-Aug-24 00:00	08-Aug-24 13:58
SW - 18	H244799-75	Soil	08-Aug-24 00:00	08-Aug-24 13:58
SW - 19	H244799-76	Soil	08-Aug-24 00:00	08-Aug-24 13:58
SW - 20	H244799-77	Soil	08-Aug-24 00:00	08-Aug-24 13:58

08/12/24 - Client clarified the project name. This is the revised report and will replace the one sent earlier today, 08/12/24.

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

CS - 1
H244799-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	4080939	HM	09-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4080837	JH	09-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134 4080837 JH 09-Aug-24 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4080907	MS	09-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4080907	MS	09-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4080907	MS	09-Aug-24	8015B	

Surrogate: 1-Chlorooctane 74.1 % 48.2-134 4080907 MS 09-Aug-24 8015B

Surrogate: 1-Chlorooctadecane 93.0 % 49.1-148 4080907 MS 09-Aug-24 8015B

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

CS - 2**H244799-02 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	4080939	HM	09-Aug-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4080837	JH	09-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			101 %	71.5-134		4080837	JH	09-Aug-24	8021B	
---------------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4080834	MS	09-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4080834	MS	09-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4080834	MS	09-Aug-24	8015B	

Surrogate: 1-Chlorooctane			101 %	48.2-134		4080834	MS	09-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane			106 %	49.1-148		4080834	MS	09-Aug-24	8015B	
-------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

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
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

CS - 3
H244799-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	4080939	HM	09-Aug-24	4500-CI-B	
----------	------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4080837	JH	09-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			100 %	71.5-134		4080837	JH	09-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4080834	MS	09-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4080834	MS	09-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4080834	MS	09-Aug-24	8015B	

Surrogate: 1-Chlorooctane			98.4 %	48.2-134		4080834	MS	09-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane			94.2 %	49.1-148		4080834	MS	09-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

CS - 4**H244799-04 (Soil)**

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

Chloride	64.0		16.0	mg/kg	4	4080939	HM	09-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4080837	JH	09-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			99.6 %		71.5-134	4080837	JH	09-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4080834	MS	09-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4080834	MS	09-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4080834	MS	09-Aug-24	8015B	

Surrogate: 1-Chlorooctane			102 %		48.2-134	4080834	MS	09-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane			101 %		49.1-148	4080834	MS	09-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

CS - 5**H244799-05 (Soil)**

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

Chloride	240		16.0	mg/kg	4	4080939	HM	09-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4080837	JH	09-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			100 %	71.5-134		4080837	JH	09-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4080834	MS	09-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4080834	MS	09-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4080834	MS	09-Aug-24	8015B	

Surrogate: 1-Chlorooctane			99.1 %	48.2-134		4080834	MS	09-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane			96.2 %	49.1-148		4080834	MS	09-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

CS - 8**H244799-06 (Soil)**

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

Chloride	48.0		16.0	mg/kg	4	4080939	HM	09-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4080837	JH	09-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			100 %	71.5-134		4080837	JH	09-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4080834	MS	09-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4080834	MS	09-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4080834	MS	09-Aug-24	8015B	

Surrogate: 1-Chlorooctane			109 %	48.2-134		4080834	MS	09-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane			108 %	49.1-148		4080834	MS	09-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

CS - 9**H244799-07 (Soil)**

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

Chloride	64.0		16.0	mg/kg	4	4080949	AC	09-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4080837	JH	09-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			101 %	71.5-134		4080837	JH	09-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4080834	MS	09-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4080834	MS	09-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4080834	MS	09-Aug-24	8015B	

Surrogate: 1-Chlorooctane			122 %	48.2-134		4080834	MS	09-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane			125 %	49.1-148		4080834	MS	09-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

CS - 13
H244799-08 (Soil)

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

Chloride	64.0		16.0	mg/kg	4	4080949	AC	09-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4080837	JH	09-Aug-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			101 %	71.5-134		4080837	JH	09-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4080834	MS	09-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4080834	MS	09-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4080834	MS	09-Aug-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			110 %	48.2-134		4080834	MS	09-Aug-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			108 %	49.1-148		4080834	MS	09-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

CS - 14
H244799-09 (Soil)

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

Chloride	416		16.0	mg/kg	4	4080949	AC	09-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Toluene*	<0.050	0.050	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	4080837	JH	09-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	100 %	71.5-134	4080837	JH	09-Aug-24	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	4080834	MS	09-Aug-24	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	4080834	MS	09-Aug-24	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	4080834	MS	09-Aug-24	8015B

Surrogate: 1-Chlorooctane	107 %	48.2-134	4080834	MS	09-Aug-24	8015B
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Surrogate: 1-Chlorooctadecane	105 %	49.1-148	4080834	MS	09-Aug-24	8015B
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

CS - 19**H244799-10 (Soil)**

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

Chloride	96.0		16.0	mg/kg	4	4080949	AC	09-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4080837	JH	09-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			101 %	71.5-134		4080837	JH	09-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4080834	MS	09-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4080834	MS	09-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4080834	MS	09-Aug-24	8015B	

Surrogate: 1-Chlorooctane			102 %	48.2-134		4080834	MS	09-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane			101 %	49.1-148		4080834	MS	09-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

CS - 20
H244799-11 (Soil)

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

Chloride	48.0		16.0	mg/kg	4	4080949	AC	09-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4080837	JH	09-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			100 %	71.5-134		4080837	JH	09-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4080834	MS	09-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4080834	MS	09-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4080834	MS	09-Aug-24	8015B	

Surrogate: 1-Chlorooctane			100 %	48.2-134		4080834	MS	09-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane			97.3 %	49.1-148		4080834	MS	09-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

CS - 21**H244799-12 (Soil)**

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

Chloride	80.0		16.0	mg/kg	4	4080949	AC	09-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4080837	JH	09-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			100 %	71.5-134		4080837	JH	09-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4080834	MS	09-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4080834	MS	09-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4080834	MS	09-Aug-24	8015B	

Surrogate: 1-Chlorooctane			102 %	48.2-134		4080834	MS	09-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane			100 %	49.1-148		4080834	MS	09-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

CS - 22**H244799-13 (Soil)**

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

Chloride	160		16.0	mg/kg	4	4080949	AC	09-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4080837	JH	09-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			99.5 %	71.5-134		4080837	JH	09-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4080834	MS	09-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4080834	MS	09-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4080834	MS	09-Aug-24	8015B	

Surrogate: 1-Chlorooctane			105 %	48.2-134		4080834	MS	09-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane			104 %	49.1-148		4080834	MS	09-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

CS - 23
H244799-14 (Soil)

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

Chloride	1920		16.0	mg/kg	4	4080949	AC	09-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4080837	JH	09-Aug-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			99.4 %	71.5-134		4080837	JH	09-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4080834	MS	09-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4080834	MS	09-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4080834	MS	09-Aug-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			91.3 %	48.2-134		4080834	MS	09-Aug-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			91.9 %	49.1-148		4080834	MS	09-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

CS - 24
H244799-15 (Soil)

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

Chloride	496		16.0	mg/kg	4	4080949	AC	09-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4080837	JH	09-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			101 %	71.5-134		4080837	JH	09-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4080834	MS	09-Aug-24	8015B	
DRO >C10-C28*	127		10.0	mg/kg	1	4080834	MS	09-Aug-24	8015B	
EXT DRO >C28-C36	27.3		10.0	mg/kg	1	4080834	MS	09-Aug-24	8015B	

Surrogate: 1-Chlorooctane			98.1 %	48.2-134		4080834	MS	09-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane			99.0 %	49.1-148		4080834	MS	09-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

CS - 25
H244799-16 (Soil)

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

Chloride	80.0		16.0	mg/kg	4	4080949	AC	09-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4080837	JH	09-Aug-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			99.1 %	71.5-134		4080837	JH	09-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4080834	MS	09-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4080834	MS	09-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4080834	MS	09-Aug-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			106 %	48.2-134		4080834	MS	09-Aug-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			105 %	49.1-148		4080834	MS	09-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

CS - 26
H244799-17 (Soil)

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

Chloride	192		16.0	mg/kg	4	4080949	AC	09-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4080837	JH	09-Aug-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			98.4 %		71.5-134	4080837	JH	09-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4080834	MS	09-Aug-24	8015B	
DRO >C10-C28*	23.4		10.0	mg/kg	1	4080834	MS	09-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4080834	MS	09-Aug-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			113 %		48.2-134	4080834	MS	09-Aug-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			112 %		49.1-148	4080834	MS	09-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

CS - 27**H244799-18 (Soil)**

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

Chloride	160		16.0	mg/kg	4	4080949	AC	09-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4080837	JH	09-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			99.7 %	71.5-134		4080837	JH	09-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4080834	MS	09-Aug-24	8015B	
DRO >C10-C28*	16.9		10.0	mg/kg	1	4080834	MS	09-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4080834	MS	09-Aug-24	8015B	

Surrogate: 1-Chlorooctane			106 %	48.2-134		4080834	MS	09-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane			105 %	49.1-148		4080834	MS	09-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

CS - 28
H244799-19 (Soil)

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

Chloride	64.0		16.0	mg/kg	4	4080949	AC	09-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4080837	JH	09-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4080837	JH	09-Aug-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			101 %	71.5-134		4080837	JH	09-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4080834	MS	09-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4080834	MS	09-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4080834	MS	09-Aug-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			104 %	48.2-134		4080834	MS	09-Aug-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			103 %	49.1-148		4080834	MS	09-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

CS - 29**H244799-20 (Soil)**

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

Chloride	352		16.0	mg/kg	4	4080949	AC	09-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4080904	JH	09-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4080904	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4080904	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4080904	JH	09-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4080904	JH	09-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			97.8 %		71.5-134	4080904	JH	09-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4080834	MS	09-Aug-24	8015B	
DRO >C10-C28*	14.2		10.0	mg/kg	1	4080834	MS	09-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4080834	MS	09-Aug-24	8015B	

Surrogate: 1-Chlorooctane			96.4 %		48.2-134	4080834	MS	09-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane			93.9 %		49.1-148	4080834	MS	09-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

CS - 30**H244799-21 (Soil)**

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

Chloride	112		16.0	mg/kg	4	4080949	AC	09-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4080838	JH	09-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			108 %	71.5-134		4080838	JH	09-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4080834	MS	09-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4080834	MS	09-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4080834	MS	09-Aug-24	8015B	

Surrogate: 1-Chlorooctane			95.7 %	48.2-134		4080834	MS	09-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane			92.4 %	49.1-148		4080834	MS	09-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

CS - 31
H244799-22 (Soil)

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

Chloride	1250		16.0	mg/kg	4	4080949	AC	09-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4080838	JH	09-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		111 %	71.5-134			4080838	JH	09-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4080835	MS	09-Aug-24	8015B	QM-07
DRO >C10-C28*	111		10.0	mg/kg	1	4080835	MS	09-Aug-24	8015B	QM-07
EXT DRO >C28-C36	17.0		10.0	mg/kg	1	4080835	MS	09-Aug-24	8015B	

Surrogate: 1-Chlorooctane		79.7 %	48.2-134			4080835	MS	09-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane		90.8 %	49.1-148			4080835	MS	09-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

CS - 32**H244799-23 (Soil)**

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

Chloride	64.0		16.0	mg/kg	4	4080949	AC	09-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4080838	JH	09-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			109 %	71.5-134		4080838	JH	09-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4080835	MS	09-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4080835	MS	09-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4080835	MS	09-Aug-24	8015B	

Surrogate: 1-Chlorooctane			85.7 %	48.2-134		4080835	MS	09-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane			102 %	49.1-148		4080835	MS	09-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

CS - 33**H244799-24 (Soil)**

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

Chloride	592		16.0	mg/kg	4	4080949	AC	09-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Toluene*	<0.050	0.050	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	4080838	JH	09-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	112 %	71.5-134	4080838	JH	09-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	4080835	MS	09-Aug-24	8015B	
DRO >C10-C28*	14.8	10.0	mg/kg	1	4080835	MS	09-Aug-24	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	4080835	MS	09-Aug-24	8015B	

Surrogate: 1-Chlorooctane	88.8 %	48.2-134	4080835	MS	09-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane	101 %	49.1-148	4080835	MS	09-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

CS - 34**H244799-25 (Soil)**

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

Chloride	448		16.0	mg/kg	4	4080949	AC	09-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4080838	JH	09-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			111 %		71.5-134	4080838	JH	09-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4080835	MS	09-Aug-24	8015B	
DRO >C10-C28*	197		10.0	mg/kg	1	4080835	MS	09-Aug-24	8015B	
EXT DRO >C28-C36	47.0		10.0	mg/kg	1	4080835	MS	09-Aug-24	8015B	

Surrogate: 1-Chlorooctane			84.8 %		48.2-134	4080835	MS	09-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane			97.8 %		49.1-148	4080835	MS	09-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

CS - 35
H244799-26 (Soil)

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

Chloride	16.0		16.0	mg/kg	4	4080949	AC	09-Aug-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4080838	JH	09-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			111 %	71.5-134		4080838	JH	09-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4080835	MS	09-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4080835	MS	09-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4080835	MS	09-Aug-24	8015B	

Surrogate: 1-Chlorooctane			97.1 %	48.2-134		4080835	MS	09-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane			109 %	49.1-148		4080835	MS	09-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

CS - 36
H244799-27 (Soil)

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

Chloride	320		16.0	mg/kg	4	4081222	AC	12-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Toluene*	<0.050	0.050	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	4080838	JH	09-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	112 %	71.5-134	4080838	JH	09-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	4080835	MS	09-Aug-24	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	4080835	MS	09-Aug-24	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	4080835	MS	09-Aug-24	8015B	

Surrogate: 1-Chlorooctane	89.7 %	48.2-134	4080835	MS	09-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane	102 %	49.1-148	4080835	MS	09-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

CS - 37**H244799-28 (Soil)**

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

Chloride	192		16.0	mg/kg	4	4081222	AC	12-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4080838	JH	09-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			109 %	71.5-134		4080838	JH	09-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4080835	MS	09-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4080835	MS	09-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4080835	MS	09-Aug-24	8015B	

Surrogate: 1-Chlorooctane			90.7 %	48.2-134		4080835	MS	09-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane			103 %	49.1-148		4080835	MS	09-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

CS - 38**H244799-29 (Soil)**

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

Chloride	432		16.0	mg/kg	4	4081222	AC	12-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4080838	JH	09-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			112 %		71.5-134	4080838	JH	09-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4080835	MS	09-Aug-24	8015B	
DRO >C10-C28*	61.0		10.0	mg/kg	1	4080835	MS	09-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4080835	MS	09-Aug-24	8015B	

Surrogate: 1-Chlorooctane			86.8 %		48.2-134	4080835	MS	09-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane			98.8 %		49.1-148	4080835	MS	09-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

CS - 39**H244799-30 (Soil)**

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

Chloride	1250		16.0	mg/kg	4	4081222	AC	12-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4080838	JH	09-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			112 %		71.5-134	4080838	JH	09-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4080835	MS	09-Aug-24	8015B	
DRO >C10-C28*	21.0		10.0	mg/kg	1	4080835	MS	09-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4080835	MS	09-Aug-24	8015B	

Surrogate: 1-Chlorooctane			90.7 %		48.2-134	4080835	MS	09-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane			107 %		49.1-148	4080835	MS	09-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

CS - 40**H244799-31 (Soil)**

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

Chloride	4280		16.0	mg/kg	4	4081222	AC	12-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Total Xylenes*	0.279		0.150	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4080838	JH	09-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			123 %	71.5-134		4080838	JH	09-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	17.7		10.0	mg/kg	1	4080835	MS	09-Aug-24	8015B	
DRO >C10-C28*	1670		10.0	mg/kg	1	4080835	MS	09-Aug-24	8015B	
EXT DRO >C28-C36	361		10.0	mg/kg	1	4080835	MS	09-Aug-24	8015B	

Surrogate: 1-Chlorooctane			69.9 %	48.2-134		4080835	MS	09-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane			95.9 %	49.1-148		4080835	MS	09-Aug-24	8015B	
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Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

CS - 41**H244799-32 (Soil)**

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

Chloride	144		16.0	mg/kg	4	4081222	AC	12-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Toluene*	<0.050	0.050	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	4080838	JH	09-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	113 %	71.5-134	4080838	JH	09-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	4080835	MS	09-Aug-24	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	4080835	MS	09-Aug-24	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	4080835	MS	09-Aug-24	8015B	

Surrogate: 1-Chlorooctane	93.8 %	48.2-134	4080835	MS	09-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane	106 %	49.1-148	4080835	MS	09-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

CS - 42**H244799-33 (Soil)**

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

Chloride	3440		16.0	mg/kg	4	4081222	AC	12-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Toluene*	<0.050	0.050	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	4080838	JH	09-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	113 %	71.5-134	4080838	JH	09-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	4080835	MS	09-Aug-24	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	4080835	MS	09-Aug-24	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	4080835	MS	09-Aug-24	8015B	

Surrogate: 1-Chlorooctane	80.6 %	48.2-134	4080835	MS	09-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane	94.0 %	49.1-148	4080835	MS	09-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

CS - 43**H244799-34 (Soil)**

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

Chloride	1070		16.0	mg/kg	4	4081222	AC	12-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Toluene*	<0.050	0.050	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	4080838	JH	09-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	113 %	71.5-134	4080838	JH	09-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	4080835	MS	09-Aug-24	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	4080835	MS	09-Aug-24	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	4080835	MS	09-Aug-24	8015B	

Surrogate: 1-Chlorooctane	98.2 %	48.2-134	4080835	MS	09-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane	113 %	49.1-148	4080835	MS	09-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

CS - 44**H244799-35 (Soil)**

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

Chloride	864		16.0	mg/kg	4	4081222	AC	12-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4080838	JH	09-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			112 %		71.5-134	4080838	JH	09-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4080835	MS	09-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4080835	MS	09-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4080835	MS	09-Aug-24	8015B	

Surrogate: 1-Chlorooctane			87.5 %		48.2-134	4080835	MS	09-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane			111 %		49.1-148	4080835	MS	09-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

CS - 45**H244799-36 (Soil)**

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

Chloride	112		16.0	mg/kg	4	4081222	AC	12-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4080838	JH	09-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			110 %	71.5-134		4080838	JH	09-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4080835	MS	09-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4080835	MS	09-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4080835	MS	09-Aug-24	8015B	

Surrogate: 1-Chlorooctane			92.4 %	48.2-134		4080835	MS	09-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane			105 %	49.1-148		4080835	MS	09-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

CS - 46**H244799-37 (Soil)**

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

Chloride	256		16.0	mg/kg	4	4081222	AC	12-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4080838	JH	09-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			112 %		71.5-134	4080838	JH	09-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4080835	MS	09-Aug-24	8015B	
DRO >C10-C28*	299		10.0	mg/kg	1	4080835	MS	09-Aug-24	8015B	
EXT DRO >C28-C36	53.3		10.0	mg/kg	1	4080835	MS	09-Aug-24	8015B	

Surrogate: 1-Chlorooctane			99.6 %		48.2-134	4080835	MS	09-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane			118 %		49.1-148	4080835	MS	09-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

CS - 47**H244799-38 (Soil)**

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

Chloride	32.0		16.0	mg/kg	4	4081222	AC	12-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4080838	JH	09-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			114 %	71.5-134		4080838	JH	09-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4080835	MS	09-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4080835	MS	09-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4080835	MS	09-Aug-24	8015B	

Surrogate: 1-Chlorooctane			97.4 %	48.2-134		4080835	MS	09-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane			115 %	49.1-148		4080835	MS	09-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

CS - 48
H244799-39 (Soil)

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

Chloride	32.0		16.0	mg/kg	4	4081222	AC	12-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4080838	JH	09-Aug-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			111 %	71.5-134		4080838	JH	09-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4080835	MS	09-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4080835	MS	09-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4080835	MS	09-Aug-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			91.5 %	48.2-134		4080835	MS	09-Aug-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			106 %	49.1-148		4080835	MS	09-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

CS - 49**H244799-40 (Soil)**

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

Chloride	224		16.0	mg/kg	4	4081222	AC	12-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4080838	JH	09-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4080838	JH	09-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134 4080838 JH 09-Aug-24 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4080835	MS	09-Aug-24	8015B	
DRO >C10-C28*	19.7		10.0	mg/kg	1	4080835	MS	09-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4080835	MS	09-Aug-24	8015B	

Surrogate: 1-Chlorooctane 86.6 % 48.2-134 4080835 MS 09-Aug-24 8015B

Surrogate: 1-Chlorooctadecane 100 % 49.1-148 4080835 MS 09-Aug-24 8015B

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Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

CS - 50**H244799-41 (Soil)**

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

Chloride	64.0		16.0	mg/kg	4	4081222	AC	12-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			99.9 %	71.5-134		4080839	JH	09-Aug-24	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4080835	MS	09-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4080835	MS	09-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4080835	MS	09-Aug-24	8015B	
Surrogate: 1-Chlorooctane			83.1 %	48.2-134		4080835	MS	09-Aug-24	8015B	
Surrogate: 1-Chlorooctadecane			95.8 %	49.1-148		4080835	MS	09-Aug-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

CS - 51**H244799-42 (Soil)**

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

Chloride	240		16.0	mg/kg	4	4081222	AC	12-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4080839	JH	09-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			99.3 %		71.5-134	4080839	JH	09-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4080836	MS	09-Aug-24	8015B	
DRO >C10-C28*	61.7		10.0	mg/kg	1	4080836	MS	09-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4080836	MS	09-Aug-24	8015B	

Surrogate: 1-Chlorooctane			68.5 %		48.2-134	4080836	MS	09-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane			62.5 %		49.1-148	4080836	MS	09-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

CS - 52
H244799-43 (Soil)

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

Chloride	160		16.0	mg/kg	4	4081222	AC	12-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4080839	JH	09-Aug-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			98.8 %		71.5-134	4080839	JH	09-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4080836	MS	09-Aug-24	8015B	
DRO >C10-C28*	66.7		10.0	mg/kg	1	4080836	MS	09-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4080836	MS	09-Aug-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			71.5 %		48.2-134	4080836	MS	09-Aug-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			65.6 %		49.1-148	4080836	MS	09-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

CS - 53**H244799-44 (Soil)**

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

Chloride	64.0		16.0	mg/kg	4	4081222	AC	12-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4080839	JH	09-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			98.7 %	71.5-134		4080839	JH	09-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4080836	MS	09-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4080836	MS	09-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4080836	MS	09-Aug-24	8015B	

Surrogate: 1-Chlorooctane			66.7 %	48.2-134		4080836	MS	09-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane			60.2 %	49.1-148		4080836	MS	09-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

CS - 54
H244799-45 (Soil)

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

Chloride	64.0		16.0	mg/kg	4	4081222	AC	12-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4080839	JH	09-Aug-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			98.9 %		71.5-134	4080839	JH	09-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4080836	MS	12-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4080836	MS	12-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4080836	MS	12-Aug-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			89.3 %		48.2-134	4080836	MS	12-Aug-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			108 %		49.1-148	4080836	MS	12-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

CS - 55**H244799-46 (Soil)**

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

Chloride	48.0		16.0	mg/kg	4	4081222	AC	12-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4080839	JH	09-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			99.1 %	71.5-134		4080839	JH	09-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4080836	MS	09-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4080836	MS	09-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4080836	MS	09-Aug-24	8015B	

Surrogate: 1-Chlorooctane			72.9 %	48.2-134		4080836	MS	09-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane			60.9 %	49.1-148		4080836	MS	09-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

CS - 56
H244799-47 (Soil)

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

Chloride	64.0		16.0	mg/kg	4	4081224	AC	12-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4080839	JH	09-Aug-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			99.8 %		71.5-134	4080839	JH	09-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4080836	MS	09-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4080836	MS	09-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4080836	MS	09-Aug-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			75.6 %		48.2-134	4080836	MS	09-Aug-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			58.5 %		49.1-148	4080836	MS	09-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

CS - 57**H244799-48 (Soil)**

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

Chloride	64.0		16.0	mg/kg	4	4081224	AC	12-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4080839	JH	09-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			99.2 %		71.5-134	4080839	JH	09-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4080836	MS	09-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4080836	MS	09-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4080836	MS	09-Aug-24	8015B	

Surrogate: 1-Chlorooctane			69.3 %		48.2-134	4080836	MS	09-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane			62.8 %		49.1-148	4080836	MS	09-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

CS - 58**H244799-49 (Soil)**

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

Chloride	48.0		16.0	mg/kg	4	4081224	AC	12-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4080839	JH	09-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			100 %	71.5-134		4080839	JH	09-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4080836	MS	09-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4080836	MS	09-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4080836	MS	09-Aug-24	8015B	

Surrogate: 1-Chlorooctane			68.5 %	48.2-134		4080836	MS	09-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane			59.6 %	49.1-148		4080836	MS	09-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

CS - 59**H244799-50 (Soil)**

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

Chloride	80.0		16.0	mg/kg	4	4081224	AC	12-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4080839	JH	09-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			99.1 %	71.5-134		4080839	JH	09-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4080836	MS	09-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4080836	MS	09-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4080836	MS	09-Aug-24	8015B	

Surrogate: 1-Chlorooctane			66.1 %	48.2-134		4080836	MS	09-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane			53.8 %	49.1-148		4080836	MS	09-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

CS - 60**H244799-51 (Soil)**

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

Chloride	80.0		16.0	mg/kg	4	4081224	AC	12-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4080839	JH	09-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			99.1 %	71.5-134		4080839	JH	09-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4080836	MS	12-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4080836	MS	12-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4080836	MS	12-Aug-24	8015B	

Surrogate: 1-Chlorooctane			84.4 %	48.2-134		4080836	MS	12-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane			99.9 %	49.1-148		4080836	MS	12-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

CS - 61
H244799-52 (Soil)

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

Chloride	48.0		16.0	mg/kg	4	4081224	AC	12-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4080839	JH	09-Aug-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			98.9 %	71.5-134		4080839	JH	09-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4080836	MS	09-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4080836	MS	09-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4080836	MS	09-Aug-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			75.1 %	48.2-134		4080836	MS	09-Aug-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			62.6 %	49.1-148		4080836	MS	09-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

CS - 62
H244799-53 (Soil)

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

Chloride	96.0		16.0	mg/kg	4	4081224	AC	12-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4080839	JH	09-Aug-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			99.6 %	71.5-134		4080839	JH	09-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4080836	MS	09-Aug-24	8015B	
DRO >C10-C28*	14.3		10.0	mg/kg	1	4080836	MS	09-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4080836	MS	09-Aug-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			73.4 %	48.2-134		4080836	MS	09-Aug-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			59.9 %	49.1-148		4080836	MS	09-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

CS - 63**H244799-54 (Soil)**

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

Chloride	80.0		16.0	mg/kg	4	4081224	AC	12-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Toluene*	<0.050	0.050	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	4080839	JH	09-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	98.9 %	71.5-134	4080839	JH	09-Aug-24	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	4080836	MS	09-Aug-24	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	4080836	MS	09-Aug-24	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	4080836	MS	09-Aug-24	8015B

Surrogate: 1-Chlorooctane	76.6 %	48.2-134	4080836	MS	09-Aug-24	8015B
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Surrogate: 1-Chlorooctadecane	66.4 %	49.1-148	4080836	MS	09-Aug-24	8015B
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

CS - 64**H244799-55 (Soil)**

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

Chloride	144		16.0	mg/kg	4	4081224	AC	12-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4080839	JH	09-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			99.3 %		71.5-134	4080839	JH	09-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4080836	MS	09-Aug-24	8015B	
DRO >C10-C28*	14.6		10.0	mg/kg	1	4080836	MS	09-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4080836	MS	09-Aug-24	8015B	

Surrogate: 1-Chlorooctane			76.6 %		48.2-134	4080836	MS	09-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane			67.4 %		49.1-148	4080836	MS	09-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

CS - 65
H244799-56 (Soil)

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

Chloride	80.0		16.0	mg/kg	4	4081224	AC	12-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4080839	JH	09-Aug-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			98.7 %		71.5-134	4080839	JH	09-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4080836	MS	09-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4080836	MS	09-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4080836	MS	09-Aug-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			67.7 %		48.2-134	4080836	MS	09-Aug-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			57.1 %		49.1-148	4080836	MS	09-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

CS - 66
H244799-57 (Soil)

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

Chloride	864		16.0	mg/kg	4	4081224	AC	12-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4080839	JH	09-Aug-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			98.8 %		71.5-134	4080839	JH	09-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4080836	MS	09-Aug-24	8015B	
DRO >C10-C28*	10.2		10.0	mg/kg	1	4080836	MS	09-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4080836	MS	09-Aug-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			71.1 %		48.2-134	4080836	MS	09-Aug-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			60.7 %		49.1-148	4080836	MS	09-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

CS - 67**H244799-58 (Soil)**

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

Chloride	1250		16.0	mg/kg	4	4081224	AC	12-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Toluene*	<0.050	0.050	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	4080839	JH	09-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	98.9 %	71.5-134	4080839	JH	09-Aug-24	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	4080836	MS	10-Aug-24	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	4080836	MS	10-Aug-24	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	4080836	MS	10-Aug-24	8015B

Surrogate: 1-Chlorooctane	70.8 %	48.2-134	4080836	MS	10-Aug-24	8015B
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Surrogate: 1-Chlorooctadecane	59.5 %	49.1-148	4080836	MS	10-Aug-24	8015B
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

SW - 1**H244799-59 (Soil)**

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

Chloride	16.0		16.0	mg/kg	4	4081224	AC	12-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4080839	JH	09-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			99.5 %	71.5-134		4080839	JH	09-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4080836	MS	10-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4080836	MS	10-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4080836	MS	10-Aug-24	8015B	

Surrogate: 1-Chlorooctane			74.8 %	48.2-134		4080836	MS	10-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane			64.0 %	49.1-148		4080836	MS	10-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

SW - 2**H244799-60 (Soil)**

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

Chloride	16.0		16.0	mg/kg	4	4081224	AC	12-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4080839	JH	09-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4080839	JH	09-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			98.6 %	71.5-134		4080839	JH	09-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4080836	MS	10-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4080836	MS	10-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4080836	MS	10-Aug-24	8015B	

Surrogate: 1-Chlorooctane			64.9 %	48.2-134		4080836	MS	10-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane			52.6 %	49.1-148		4080836	MS	10-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

SW - 3**H244799-61 (Soil)**

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

Chloride	48.0		16.0	mg/kg	4	4081224	AC	12-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4080840	JH	09-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4080840	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4080840	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4080840	JH	09-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4080840	JH	09-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			97.1 %		71.5-134	4080840	JH	09-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4080836	MS	10-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4080836	MS	10-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4080836	MS	10-Aug-24	8015B	

Surrogate: 1-Chlorooctane			61.6 %		48.2-134	4080836	MS	10-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane			49.9 %		49.1-148	4080836	MS	10-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

SW - 5**H244799-62 (Soil)**

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

Chloride	80.0		16.0	mg/kg	4	4081224	AC	12-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4080840	JH	09-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4080840	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4080840	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4080840	JH	09-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4080840	JH	09-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			96.7 %		71.5-134	4080840	JH	09-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4080842	MS	09-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4080842	MS	09-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4080842	MS	09-Aug-24	8015B	

Surrogate: 1-Chlorooctane			77.9 %		48.2-134	4080842	MS	09-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane			90.3 %		49.1-148	4080842	MS	09-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

SW - 6**H244799-63 (Soil)**

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

Chloride	160		16.0	mg/kg	4	4081224	AC	12-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4080840	JH	09-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4080840	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4080840	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4080840	JH	09-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4080840	JH	09-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			96.7 %	71.5-134		4080840	JH	09-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4080842	MS	09-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4080842	MS	09-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4080842	MS	09-Aug-24	8015B	

Surrogate: 1-Chlorooctane			74.3 %	48.2-134		4080842	MS	09-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane			86.1 %	49.1-148		4080842	MS	09-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

SW - 7**H244799-64 (Soil)**

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

Chloride	176		16.0	mg/kg	4	4081224	AC	12-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4080840	JH	09-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4080840	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4080840	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4080840	JH	09-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4080840	JH	09-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			98.1 %		71.5-134	4080840	JH	09-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4080842	MS	09-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4080842	MS	09-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4080842	MS	09-Aug-24	8015B	

Surrogate: 1-Chlorooctane			71.5 %		48.2-134	4080842	MS	09-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane			81.5 %		49.1-148	4080842	MS	09-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

SW - 8**H244799-65 (Soil)**

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

Chloride	256		16.0	mg/kg	4	4081224	AC	12-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	4080840	JH	09-Aug-24	8021B	
Toluene*	<0.050	0.050	mg/kg	50	4080840	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	4080840	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	4080840	JH	09-Aug-24	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	4080840	JH	09-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	97.2 %	71.5-134	4080840	JH	09-Aug-24	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	4080842	MS	09-Aug-24	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	4080842	MS	09-Aug-24	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	4080842	MS	09-Aug-24	8015B

Surrogate: 1-Chlorooctane	88.9 %	48.2-134	4080842	MS	09-Aug-24	8015B
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Surrogate: 1-Chlorooctadecane	102 %	49.1-148	4080842	MS	09-Aug-24	8015B
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

SW - 9**H244799-66 (Soil)**

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

Chloride	6320		16.0	mg/kg	4	4081224	AC	12-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4080840	JH	09-Aug-24	8021B	
Toluene*	0.263		0.050	mg/kg	50	4080840	JH	09-Aug-24	8021B	
Ethylbenzene*	0.135		0.050	mg/kg	50	4080840	JH	09-Aug-24	8021B	
Total Xylenes*	2.74		0.150	mg/kg	50	4080840	JH	09-Aug-24	8021B	
Total BTEX	3.14		0.300	mg/kg	50	4080840	JH	09-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			115 %	71.5-134		4080840	JH	09-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID**S-04**

GRO C6-C10*	95.5		10.0	mg/kg	1	4080842	MS	09-Aug-24	8015B	
DRO >C10-C28*	6200		10.0	mg/kg	1	4080842	MS	09-Aug-24	8015B	
EXT DRO >C28-C36	990		10.0	mg/kg	1	4080842	MS	09-Aug-24	8015B	

Surrogate: 1-Chlorooctane			90.4 %	48.2-134		4080842	MS	09-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane			166 %	49.1-148		4080842	MS	09-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

SW - 10
H244799-67 (Soil)

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

Chloride	80.0		16.0	mg/kg	4	4081223	AC	12-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4080840	JH	09-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4080840	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4080840	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4080840	JH	09-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4080840	JH	09-Aug-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			93.5 %		71.5-134	4080840	JH	09-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4080842	MS	12-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4080842	MS	12-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4080842	MS	12-Aug-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			75.9 %		48.2-134	4080842	MS	12-Aug-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			87.9 %		49.1-148	4080842	MS	12-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

SW - 11
H244799-68 (Soil)

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

Chloride	112		16.0	mg/kg	4	4081223	AC	12-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	4080840	JH	09-Aug-24	8021B	
Toluene*	<0.050	0.050	mg/kg	50	4080840	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	4080840	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	4080840	JH	09-Aug-24	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	4080840	JH	09-Aug-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>		96.3 %		71.5-134	4080840	JH	09-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	4080842	MS	09-Aug-24	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	4080842	MS	09-Aug-24	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	4080842	MS	09-Aug-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>		75.2 %		48.2-134	4080842	MS	09-Aug-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>		90.7 %		49.1-148	4080842	MS	09-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

SW - 12
H244799-69 (Soil)

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

Chloride	976		16.0	mg/kg	4	4081223	AC	12-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4080840	JH	09-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4080840	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4080840	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4080840	JH	09-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4080840	JH	09-Aug-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			93.6 %		71.5-134	4080840	JH	09-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4080842	MS	09-Aug-24	8015B	
DRO >C10-C28*	77.7		10.0	mg/kg	1	4080842	MS	09-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4080842	MS	09-Aug-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			81.6 %		48.2-134	4080842	MS	09-Aug-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			97.0 %		49.1-148	4080842	MS	09-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

SW - 13
H244799-70 (Soil)

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

Chloride	32.0		16.0	mg/kg	4	4081223	AC	12-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4080840	JH	09-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4080840	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4080840	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4080840	JH	09-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4080840	JH	09-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			95.5 %	71.5-134		4080840	JH	09-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4080842	MS	09-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4080842	MS	09-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4080842	MS	09-Aug-24	8015B	

Surrogate: 1-Chlorooctane			81.9 %	48.2-134		4080842	MS	09-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane			93.1 %	49.1-148		4080842	MS	09-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

SW - 14**H244799-71 (Soil)**

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

Chloride	128		16.0	mg/kg	4	4081223	AC	12-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4080840	JH	09-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4080840	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4080840	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4080840	JH	09-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4080840	JH	09-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			93.2 %		71.5-134	4080840	JH	09-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4080842	MS	09-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4080842	MS	09-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4080842	MS	09-Aug-24	8015B	

Surrogate: 1-Chlorooctane			59.2 %		48.2-134	4080842	MS	09-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane			68.5 %		49.1-148	4080842	MS	09-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

SW - 15
H244799-72 (Soil)

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

Chloride	1780		16.0	mg/kg	4	4081223	AC	12-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4080840	JH	09-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4080840	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4080840	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4080840	JH	09-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4080840	JH	09-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			90.2 %		71.5-134	4080840	JH	09-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4080842	MS	09-Aug-24	8015B	
DRO >C10-C28*	1920		10.0	mg/kg	1	4080842	MS	09-Aug-24	8015B	
EXT DRO >C28-C36	366		10.0	mg/kg	1	4080842	MS	09-Aug-24	8015B	

Surrogate: 1-Chlorooctane			69.1 %		48.2-134	4080842	MS	09-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane			146 %		49.1-148	4080842	MS	09-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

SW - 16
H244799-73 (Soil)

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

Chloride	9040		16.0	mg/kg	4	4081223	AC	12-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4080840	JH	09-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4080840	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4080840	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4080840	JH	09-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4080840	JH	09-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			93.3 %		71.5-134	4080840	JH	09-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4080842	MS	09-Aug-24	8015B	
DRO >C10-C28*	1120		10.0	mg/kg	1	4080842	MS	09-Aug-24	8015B	
EXT DRO >C28-C36	284		10.0	mg/kg	1	4080842	MS	09-Aug-24	8015B	

Surrogate: 1-Chlorooctane			79.6 %		48.2-134	4080842	MS	09-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane			136 %		49.1-148	4080842	MS	09-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

SW - 17**H244799-74 (Soil)**

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

Chloride	1760		16.0	mg/kg	4	4081223	AC	12-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4080840	JH	09-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4080840	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4080840	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4080840	JH	09-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4080840	JH	09-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			92.9 %		71.5-134	4080840	JH	09-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4080842	MS	09-Aug-24	8015B	
DRO >C10-C28*	220		10.0	mg/kg	1	4080842	MS	09-Aug-24	8015B	
EXT DRO >C28-C36	57.6		10.0	mg/kg	1	4080842	MS	09-Aug-24	8015B	

Surrogate: 1-Chlorooctane			71.3 %		48.2-134	4080842	MS	09-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane			91.8 %		49.1-148	4080842	MS	09-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

SW - 18
H244799-75 (Soil)

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

Chloride	576		16.0	mg/kg	4	4081223	AC	12-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4080840	JH	09-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4080840	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4080840	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4080840	JH	09-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4080840	JH	09-Aug-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			92.9 %		71.5-134	4080840	JH	09-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4080842	MS	09-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4080842	MS	09-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4080842	MS	09-Aug-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			83.2 %		48.2-134	4080842	MS	09-Aug-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			97.8 %		49.1-148	4080842	MS	09-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

SW - 19
H244799-76 (Soil)

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

Chloride	1010		16.0	mg/kg	4	4081223	AC	12-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	4080840	JH	09-Aug-24	8021B	
Toluene*	<0.050	0.050	mg/kg	50	4080840	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	4080840	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	4080840	JH	09-Aug-24	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	4080840	JH	09-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	93.1 %	71.5-134	4080840	JH	09-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	4080842	MS	09-Aug-24	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	4080842	MS	09-Aug-24	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	4080842	MS	09-Aug-24	8015B	

Surrogate: 1-Chlorooctane	85.0 %	48.2-134	4080842	MS	09-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane	100 %	49.1-148	4080842	MS	09-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

SW - 20**H244799-77 (Soil)**

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

Chloride	864		16.0	mg/kg	4	4081223	AC	12-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4080840	JH	09-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4080840	JH	09-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4080840	JH	09-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4080840	JH	09-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4080840	JH	09-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			95.4 %		71.5-134	4080840	JH	09-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4080842	MS	09-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4080842	MS	09-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4080842	MS	09-Aug-24	8015B	

Surrogate: 1-Chlorooctane			82.2 %		48.2-134	4080842	MS	09-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane			96.7 %		49.1-148	4080842	MS	09-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4080939 - 1:4 DI Water**Blank (4080939-BLK1)**

Prepared & Analyzed: 09-Aug-24

Chloride	ND	16.0	mg/kg
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LCS (4080939-BS1)

Prepared & Analyzed: 09-Aug-24

Chloride	416	16.0	mg/kg	400	104	80-120
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LCS Dup (4080939-BSD1)

Prepared & Analyzed: 09-Aug-24

Chloride	432	16.0	mg/kg	400	108	80-120	3.77	20
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Batch 4080949 - 1:4 DI Water**Blank (4080949-BLK1)**

Prepared & Analyzed: 09-Aug-24

Chloride	ND	16.0	mg/kg
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LCS (4080949-BS1)

Prepared & Analyzed: 09-Aug-24

Chloride	416	16.0	mg/kg	400	104	80-120
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LCS Dup (4080949-BSD1)

Prepared & Analyzed: 09-Aug-24

Chloride	416	16.0	mg/kg	400	104	80-120	0.00	20
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Batch 4081222 - 1:4 DI Water**Blank (4081222-BLK1)**

Prepared & Analyzed: 12-Aug-24

Chloride	ND	16.0	mg/kg
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LCS (4081222-BS1)

Prepared & Analyzed: 12-Aug-24

Chloride	416	16.0	mg/kg	400	104	80-120
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Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4081222 - 1:4 DI Water**LCS Dup (4081222-BSD1)**

Prepared & Analyzed: 12-Aug-24

Chloride	432	16.0	mg/kg	400	108	80-120	3.77	20
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Batch 4081223 - 1:4 DI Water**Blank (4081223-BLK1)**

Prepared & Analyzed: 12-Aug-24

Chloride	ND	16.0	mg/kg
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LCS (4081223-BS1)

Prepared & Analyzed: 12-Aug-24

Chloride	416	16.0	mg/kg	400	104	80-120
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LCS Dup (4081223-BSD1)

Prepared & Analyzed: 12-Aug-24

Chloride	448	16.0	mg/kg	400	112	80-120	7.41	20
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Batch 4081224 - 1:4 DI Water**Blank (4081224-BLK1)**

Prepared & Analyzed: 12-Aug-24

Chloride	ND	16.0	mg/kg
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LCS (4081224-BS1)

Prepared & Analyzed: 12-Aug-24

Chloride	432	16.0	mg/kg	400	108	80-120
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LCS Dup (4081224-BSD1)

Prepared & Analyzed: 12-Aug-24

Chloride	432	16.0	mg/kg	400	108	80-120	0.00	20
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Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4080837 - Volatiles**Blank (4080837-BLK1)**

Prepared: 08-Aug-24 Analyzed: 09-Aug-24

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		99.4	71.5-134			

LCS (4080837-BS1)

Prepared: 08-Aug-24 Analyzed: 09-Aug-24

Benzene	2.04	0.050	mg/kg	2.00		102	82.8-130			
Toluene	2.01	0.050	mg/kg	2.00		100	86-128			
Ethylbenzene	2.05	0.050	mg/kg	2.00		102	85.9-128			
m,p-Xylene	4.07	0.100	mg/kg	4.00		102	89-129			
o-Xylene	1.98	0.050	mg/kg	2.00		99.2	86.1-125			
Total Xylenes	6.06	0.150	mg/kg	6.00		101	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0509		mg/kg	0.0500		102	71.5-134			

LCS Dup (4080837-BSD1)

Prepared: 08-Aug-24 Analyzed: 09-Aug-24

Benzene	2.12	0.050	mg/kg	2.00		106	82.8-130	3.76	15.8	
Toluene	2.08	0.050	mg/kg	2.00		104	86-128	3.40	15.9	
Ethylbenzene	2.10	0.050	mg/kg	2.00		105	85.9-128	2.63	16	
m,p-Xylene	4.19	0.100	mg/kg	4.00		105	89-129	2.76	16.2	
o-Xylene	2.04	0.050	mg/kg	2.00		102	86.1-125	2.61	16.7	
Total Xylenes	6.22	0.150	mg/kg	6.00		104	88.2-128	2.71	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0507		mg/kg	0.0500		101	71.5-134			

Batch 4080838 - Volatiles**Blank (4080838-BLK1)**

Prepared: 08-Aug-24 Analyzed: 09-Aug-24

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							

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Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4080838 - Volatiles**Blank (4080838-BLK1)**

Prepared: 08-Aug-24 Analyzed: 09-Aug-24

Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0539		mg/kg	0.0500		108	71.5-134			

LCS (4080838-BS1)

Prepared: 08-Aug-24 Analyzed: 09-Aug-24

Benzene	2.23	0.050	mg/kg	2.00		112	82.8-130			
Toluene	2.30	0.050	mg/kg	2.00		115	86-128			
Ethylbenzene	2.35	0.050	mg/kg	2.00		118	85.9-128			
m,p-Xylene	4.89	0.100	mg/kg	4.00		122	89-129			
o-Xylene	2.30	0.050	mg/kg	2.00		115	86.1-125			
Total Xylenes	7.20	0.150	mg/kg	6.00		120	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0523		mg/kg	0.0500		105	71.5-134			

LCS Dup (4080838-BSD1)

Prepared: 08-Aug-24 Analyzed: 09-Aug-24

Benzene	2.25	0.050	mg/kg	2.00		112	82.8-130	0.632	15.8	
Toluene	2.31	0.050	mg/kg	2.00		116	86-128	0.785	15.9	
Ethylbenzene	2.36	0.050	mg/kg	2.00		118	85.9-128	0.579	16	
m,p-Xylene	4.89	0.100	mg/kg	4.00		122	89-129	0.148	16.2	
o-Xylene	2.31	0.050	mg/kg	2.00		116	86.1-125	0.411	16.7	
Total Xylenes	7.20	0.150	mg/kg	6.00		120	88.2-128	0.0314	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0517		mg/kg	0.0500		103	71.5-134			

Batch 4080839 - Volatiles**Blank (4080839-BLK1)**

Prepared: 08-Aug-24 Analyzed: 09-Aug-24

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		99.3	71.5-134			

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Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4080839 - Volatiles**LCS (4080839-BS1)**

Prepared: 08-Aug-24 Analyzed: 09-Aug-24

Benzene	2.11	0.050	mg/kg	2.00		106	82.8-130			
Toluene	2.04	0.050	mg/kg	2.00		102	86-128			
Ethylbenzene	2.16	0.050	mg/kg	2.00		108	85.9-128			
m,p-Xylene	4.28	0.100	mg/kg	4.00		107	89-129			
o-Xylene	2.09	0.050	mg/kg	2.00		104	86.1-125			
Total Xylenes	6.37	0.150	mg/kg	6.00		106	88.2-128			

Surrogate: 4-Bromofluorobenzene (PID) 0.0487 mg/kg 0.0500 97.4 71.5-134

LCS Dup (4080839-BSD1)

Prepared: 08-Aug-24 Analyzed: 09-Aug-24

Benzene	2.08	0.050	mg/kg	2.00		104	82.8-130	1.23	15.8	
Toluene	2.01	0.050	mg/kg	2.00		100	86-128	1.62	15.9	
Ethylbenzene	2.12	0.050	mg/kg	2.00		106	85.9-128	1.79	16	
m,p-Xylene	4.20	0.100	mg/kg	4.00		105	89-129	1.87	16.2	
o-Xylene	2.05	0.050	mg/kg	2.00		102	86.1-125	1.97	16.7	
Total Xylenes	6.25	0.150	mg/kg	6.00		104	88.2-128	1.90	16.3	

Surrogate: 4-Bromofluorobenzene (PID) 0.0489 mg/kg 0.0500 97.8 71.5-134

Batch 4080840 - Volatiles**Blank (4080840-BLK1)**

Prepared: 08-Aug-24 Analyzed: 09-Aug-24

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							

Surrogate: 4-Bromofluorobenzene (PID) ND mg/kg 0.0500 97.9 71.5-134

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 4080840 - Volatiles**LCS (4080840-BS1)**

Prepared: 08-Aug-24 Analyzed: 09-Aug-24

Benzene	2.21	0.050	mg/kg	2.00		110	82.8-130		
Toluene	2.16	0.050	mg/kg	2.00		108	86-128		
Ethylbenzene	2.23	0.050	mg/kg	2.00		112	85.9-128		
m,p-Xylene	4.55	0.100	mg/kg	4.00		114	89-129		
o-Xylene	2.24	0.050	mg/kg	2.00		112	86.1-125		
Total Xylenes	6.78	0.150	mg/kg	6.00		113	88.2-128		

Surrogate: 4-Bromofluorobenzene (PID)

0.0474

mg/kg

0.0500

94.8

71.5-134

LCS Dup (4080840-BSD1)

Prepared: 08-Aug-24 Analyzed: 09-Aug-24

Benzene	2.29	0.050	mg/kg	2.00		114	82.8-130	3.40	15.8
Toluene	2.16	0.050	mg/kg	2.00		108	86-128	0.290	15.9
Ethylbenzene	2.17	0.050	mg/kg	2.00		108	85.9-128	3.16	16
m,p-Xylene	4.42	0.100	mg/kg	4.00		110	89-129	2.96	16.2
o-Xylene	2.17	0.050	mg/kg	2.00		109	86.1-125	2.79	16.7
Total Xylenes	6.59	0.150	mg/kg	6.00		110	88.2-128	2.90	16.3

Surrogate: 4-Bromofluorobenzene (PID)

0.0470

mg/kg

0.0500

93.9

71.5-134

Batch 4080904 - Volatiles**Blank (4080904-BLK1)**

Prepared & Analyzed: 09-Aug-24

Benzene	ND	0.050	mg/kg						
Toluene	ND	0.050	mg/kg						
Ethylbenzene	ND	0.050	mg/kg						
Total Xylenes	ND	0.150	mg/kg						
Total BTEX	ND	0.300	mg/kg						

Surrogate: 4-Bromofluorobenzene (PID)

ND

mg/kg

0.0500

99.5

71.5-134

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch 4080904 - Volatiles**LCS (4080904-BS1)**

Prepared & Analyzed: 09-Aug-24

Benzene	2.10	0.050	mg/kg	2.00		105	82.8-130			
Toluene	2.05	0.050	mg/kg	2.00		103	86-128			
Ethylbenzene	2.16	0.050	mg/kg	2.00		108	85.9-128			
m,p-Xylene	4.29	0.100	mg/kg	4.00		107	89-129			
o-Xylene	2.08	0.050	mg/kg	2.00		104	86.1-125			
Total Xylenes	6.37	0.150	mg/kg	6.00		106	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0493		mg/kg	0.0500		98.6	71.5-134			

LCS Dup (4080904-BSD1)

Prepared & Analyzed: 09-Aug-24

Benzene	2.04	0.050	mg/kg	2.00		102	82.8-130	3.25	15.8	
Toluene	1.99	0.050	mg/kg	2.00		99.7	86-128	2.79	15.9	
Ethylbenzene	2.09	0.050	mg/kg	2.00		105	85.9-128	2.98	16	
m,p-Xylene	4.16	0.100	mg/kg	4.00		104	89-129	3.06	16.2	
o-Xylene	2.02	0.050	mg/kg	2.00		101	86.1-125	2.82	16.7	
Total Xylenes	6.18	0.150	mg/kg	6.00		103	88.2-128	2.98	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0489		mg/kg	0.0500		97.7	71.5-134			

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4080834 - General Prep - Organics**Blank (4080834-BLK1)**

Prepared: 08-Aug-24 Analyzed: 09-Aug-24

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	49.7		mg/kg	50.0		99.3	48.2-134			
Surrogate: 1-Chlorooctadecane	48.9		mg/kg	50.0		97.7	49.1-148			

LCS (4080834-BS1)

Prepared: 08-Aug-24 Analyzed: 09-Aug-24

GRO C6-C10	196	10.0	mg/kg	200		97.8	66.4-123			
DRO >C10-C28	195	10.0	mg/kg	200		97.4	66.5-118			
Total TPH C6-C28	390	10.0	mg/kg	400		97.6	77.6-123			
Surrogate: 1-Chlorooctane	63.3		mg/kg	50.0		127	48.2-134			
Surrogate: 1-Chlorooctadecane	61.1		mg/kg	50.0		122	49.1-148			

LCS Dup (4080834-BS1)

Prepared: 08-Aug-24 Analyzed: 09-Aug-24

GRO C6-C10	184	10.0	mg/kg	200		91.9	66.4-123	6.25	17.7	
DRO >C10-C28	184	10.0	mg/kg	200		91.8	66.5-118	5.91	21	
Total TPH C6-C28	367	10.0	mg/kg	400		91.8	77.6-123	6.08	18.5	
Surrogate: 1-Chlorooctane	58.7		mg/kg	50.0		117	48.2-134			
Surrogate: 1-Chlorooctadecane	55.8		mg/kg	50.0		112	49.1-148			

Batch 4080835 - General Prep - Organics**Blank (4080835-BLK1)**

Prepared: 08-Aug-24 Analyzed: 09-Aug-24

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	45.7		mg/kg	50.0		91.4	48.2-134			
Surrogate: 1-Chlorooctadecane	52.1		mg/kg	50.0		104	49.1-148			

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Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 4080835 - General Prep - Organics**LCS (4080835-BS1)**

Prepared: 08-Aug-24 Analyzed: 09-Aug-24

GRO C6-C10	200	10.0	mg/kg	200		99.9	66.4-123		
DRO >C10-C28	196	10.0	mg/kg	200		98.0	66.5-118		
Total TPH C6-C28	396	10.0	mg/kg	400		98.9	77.6-123		
Surrogate: 1-Chlorooctane	55.4		mg/kg	50.0		111	48.2-134		
Surrogate: 1-Chlorooctadecane	59.8		mg/kg	50.0		120	49.1-148		

LCS Dup (4080835-BSD1)

Prepared: 08-Aug-24 Analyzed: 09-Aug-24

GRO C6-C10	200	10.0	mg/kg	200		100	66.4-123	0.202	17.7
DRO >C10-C28	195	10.0	mg/kg	200		97.5	66.5-118	0.500	21
Total TPH C6-C28	395	10.0	mg/kg	400		98.8	77.6-123	0.145	18.5
Surrogate: 1-Chlorooctane	53.9		mg/kg	50.0		108	48.2-134		
Surrogate: 1-Chlorooctadecane	57.5		mg/kg	50.0		115	49.1-148		

Batch 4080836 - General Prep - Organics**Blank (4080836-BLK1)**

Prepared: 08-Aug-24 Analyzed: 09-Aug-24

GRO C6-C10	ND	10.0	mg/kg						
DRO >C10-C28	ND	10.0	mg/kg						
EXT DRO >C28-C36	ND	10.0	mg/kg						
Surrogate: 1-Chlorooctane	37.7		mg/kg	50.0		75.3	48.2-134		
Surrogate: 1-Chlorooctadecane	33.2		mg/kg	50.0		66.4	49.1-148		

LCS (4080836-BS1)

Prepared: 08-Aug-24 Analyzed: 09-Aug-24

GRO C6-C10	196	10.0	mg/kg	200		98.2	66.4-123		
DRO >C10-C28	188	10.0	mg/kg	200		94.2	66.5-118		
Total TPH C6-C28	385	10.0	mg/kg	400		96.2	77.6-123		
Surrogate: 1-Chlorooctane	45.1		mg/kg	50.0		90.2	48.2-134		
Surrogate: 1-Chlorooctadecane	41.1		mg/kg	50.0		82.1	49.1-148		

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Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4080836 - General Prep - Organics**LCS Dup (4080836-BSD1)**

Prepared: 08-Aug-24 Analyzed: 09-Aug-24

GRO C6-C10	197	10.0	mg/kg	200		98.5	66.4-123	0.338	17.7	
DRO >C10-C28	189	10.0	mg/kg	200		94.5	66.5-118	0.373	21	
Total TPH C6-C28	386	10.0	mg/kg	400		96.5	77.6-123	0.355	18.5	
Surrogate: 1-Chlorooctane	44.2		mg/kg	50.0		88.4	48.2-134			
Surrogate: 1-Chlorooctadecane	39.7		mg/kg	50.0		79.3	49.1-148			

Batch 4080842 - General Prep - Organics**Blank (4080842-BLK1)**

Prepared: 08-Aug-24 Analyzed: 09-Aug-24

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	39.0		mg/kg	50.0		78.0	48.2-134			
Surrogate: 1-Chlorooctadecane	49.9		mg/kg	50.0		99.8	49.1-148			

LCS (4080842-BS1)

Prepared: 08-Aug-24 Analyzed: 09-Aug-24

GRO C6-C10	217	10.0	mg/kg	200		109	66.4-123			
DRO >C10-C28	205	10.0	mg/kg	200		103	66.5-118			
Total TPH C6-C28	422	10.0	mg/kg	400		106	77.6-123			
Surrogate: 1-Chlorooctane	44.3		mg/kg	50.0		88.6	48.2-134			
Surrogate: 1-Chlorooctadecane	53.2		mg/kg	50.0		106	49.1-148			

LCS Dup (4080842-BSD1)

Prepared: 08-Aug-24 Analyzed: 09-Aug-24

GRO C6-C10	209	10.0	mg/kg	200		104	66.4-123	4.11	17.7	
DRO >C10-C28	198	10.0	mg/kg	200		99.0	66.5-118	3.50	21	
Total TPH C6-C28	407	10.0	mg/kg	400		102	77.6-123	3.81	18.5	
Surrogate: 1-Chlorooctane	45.3		mg/kg	50.0		90.6	48.2-134			
Surrogate: 1-Chlorooctadecane	54.2		mg/kg	50.0		108	49.1-148			

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Analytical Results For:

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

Project: MARWARI 23 CTB 2
Project Number: 248541
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
12-Aug-24 15:22

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4080907 - General Prep - Organics**Blank (4080907-BLK1)**

Prepared & Analyzed: 09-Aug-24

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	40.2		mg/kg	50.0		80.5	48.2-134			
Surrogate: 1-Chlorooctadecane	53.9		mg/kg	50.0		108	49.1-148			

LCS (4080907-BS1)

Prepared & Analyzed: 09-Aug-24

GRO C6-C10	200	10.0	mg/kg	200		99.9	66.4-123			
DRO >C10-C28	206	10.0	mg/kg	200		103	66.5-118			
Total TPH C6-C28	406	10.0	mg/kg	400		102	77.6-123			
Surrogate: 1-Chlorooctane	45.6		mg/kg	50.0		91.1	48.2-134			
Surrogate: 1-Chlorooctadecane	55.0		mg/kg	50.0		110	49.1-148			

LCS Dup (4080907-BSD1)

Prepared & Analyzed: 09-Aug-24

GRO C6-C10	192	10.0	mg/kg	200		96.1	66.4-123	3.94	17.7	
DRO >C10-C28	199	10.0	mg/kg	200		99.4	66.5-118	3.66	21	
Total TPH C6-C28	391	10.0	mg/kg	400		97.7	77.6-123	3.80	18.5	
Surrogate: 1-Chlorooctane	46.3		mg/kg	50.0		92.6	48.2-134			
Surrogate: 1-Chlorooctadecane	55.5		mg/kg	50.0		111	49.1-148			

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Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: MTGE		P.O. #: 21308436		ANALYSIS REQUEST	
Project Manager: Ethan Sessums		Company: Devon			
Address: 204 W. McKay		City: Devon			
City: Clarkston		State: GA			
Phone #: 254-266-5456		Fax #: 			
Project #: 218541		City: 			
Project Name: Morison 23 CTB 2		State: 			
Project Location: Sea Co, GA		Zip: 			
Sampler Name: Kenny Head		Fax #: 			
FOR LAB USE ONLY					

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	BTX	TPH	Chloride
1	CS-1		1										8/8/24				
2	CS-2		1														
3	CS-3		1														
4	CS-4		1														
5	CS-5		1														
6	CS-8		1														
7	CS-9		1														
8	CS-13		1														
9	CS-14		1														

Relinquished By: 		Date: 8/8/24		Received By: Stedionny	
Relinquished By: 		Date: 1558		Received By: 	
Time: 		Time: 		Time: 	
Delivered By: (Circle One)		Observed Temp. °C: 1.3		Sample Condition	
Sampler - UPS - Bus - Other:		Corrected Temp. °C: 0.7		Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>	
				Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
				Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Turnaround Time: Standard		Thermometer ID #140: 48hr		Bacteria (only) Sample Condition	
				Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>	
				Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
				Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
				Corrected Temp. °C: 	

REMARKS:

Verbal Result: ☐ Yes ☐ No ☐ Add'l Phone #:

All Results are emailed. Please provide Email address:

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

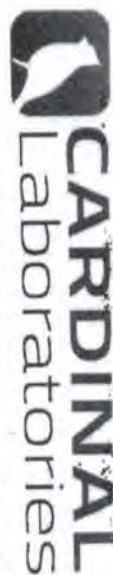
Company Name: MTGE		BILL TO		ANALYSIS REQUEST	
Project Manager: Elton Sessums		P.O. #: 21308436			
Address: 804 W. McKay Street		Company: Devon			
City: Carlsbad		Attn: Dale Woodall			
State: NM Zip: 88220		Address:			
Phone #: 254-266-5456 Fax #:		City:			
Project #: 248541 Project Owner: Devon		State:			
Project Name: Marwan 23 CTB 2		Zip:			
Project Location: Lea Co, NM		Phone #:			
Sample Name: Kenny Head		Fax #:			
FOR LAB USE ONLY					
Lab I.D.	Sample I.D.	MATRIX		PRESERV	SAMPLING
		(G)RAB OR (C)OMP.			
		# CONTAINERS			
		GROUNDWATER			
		WASTEWATER			
		SOIL			
		OIL			
		SLUDGE			
		OTHER :			
		ACID/BASE:			
		ICE / COOL			
		OTHER :			
		DATE	TIME		
#244779	CS-19	8/8/24		BTEX	
10	CS-20			TPH	
14	CS-21			Chloride	
13	CS-22				
15	CS-23				
16	CS-24				
17	CS-25				
18	CS-26				
19	CS-27				
	CS-28				
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Relinquished By:		Date: 8/8/24	Received By: Spectroscopy	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
Relinquished By:		Time: 1:58	Received By:	All Results are emailed. Please provide Email address:	
Relinquished By:		Date:	Received By:	REMARKS:	
Time:					
Delivered By: (Circle One)	Observed Temp. °C	Corrected Temp. °C	Sample Condition	CHECKED BY: (Initials)	Turnaround Time:
Sampler - UPS - Bus - Other:			Cool Intact		Standard
			Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		RUSH <input checked="" type="checkbox"/>
			Yes <input type="checkbox"/> No <input type="checkbox"/>		Bacteria (only) <input type="checkbox"/>
			Yes <input type="checkbox"/> No <input type="checkbox"/>		Cool Intact <input type="checkbox"/>
			Yes <input type="checkbox"/> No <input type="checkbox"/>		Observed Temp. °C
			Yes <input type="checkbox"/> No <input type="checkbox"/>		Corrected Temp. °C

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 96 of 101



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: HTGE		P.O. #: 21308436		ANALYSIS REQUEST	
Project Manager: Ethan Sessums		Company: Devon			
Address: 2024 W. McKay		City: Devon			
City: Clarksville		State: GA			
Phone #: 254-266-5456		Fax #: 			
Project #: 218541		Project Owner: Devon			
Project Name: Marathon 23 CTB 2		City: 			
Project Location: Lea Co, GA		State: 			
Sampler Name: Kenny Hawn		Phone #: 			
FOR LAB USE ONLY		Fax #: 			

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	BTEX	TPH	Chloride
184479	CS-39		1			X							8/8/24				
30	CS-40																
31	CS-41																
32	CS-42																
33	CS-43																
34	CS-44																
35	CS-45																
36	CS-46																
37	CS-47																
38	CS-48																

Relinquished By: 		Date: 8/8/24		Received By: Stockinger		Date: 8/8/24	
Relinquished By: 		Date: 8/8/24		Received By: 		Date: 	
Delivered By: (Circle One)		Observed Temp. °C: 1.3		Sample Condition: Intact		CHECKED BY: SK	
Sampler - UPS - Bus - Other:		Corrected Temp. °C: 0.72		Cool Intact: Yes		Thermometer ID #140: 4612	
				Bacteria (only) Sample Condition: Standard		Add'l Phone #:	
				Cool Intact: Yes			
				Corrected Temp. °C: 			

REMARKS:

Verbal Result: ☐ Yes ☐ No ☐ Add'l Phone #:

All Results are emailed. Please provide Email address:

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: MTGE		BILL TO		ANALYSIS REQUEST	
Project Manager: Elton Sessums		P.O. #: 21308436			
Address: 204 W. McKay Street		Company: Devon			
City: Carlsbad		Attn: Dale Woodell			
State: NM Zip: 88220		Address:			
Phone #: 254-266-5456 Fax #:		City:			
Project #: 2148541 Project Owner: Devon		State:			
Project Name: Marwan 23 CTB 2		Zip:			
Project Location: Lea Co, NM		Phone #:			
Sample Name: Kany Han		Fax #:			
<small>FOR LAB USE ONLY</small>					
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.
				GROUNDWATER	
				WASTEWATER	
				SOIL	
				OIL	
				SLUDGE	
				OTHER:	
				ACID/BASE:	
				ICE / COOL	
				OTHER:	
				DATE	TIME
40	CS-44			8/8/24	
41	CS-50				
42	CS-51				
43	CS-52				
44	CS-53				
45	CS-54				
46	CS-55				
47	CS-56				
48	CS-57				
49	CS-58				
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Relinquished By:		Received By:		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:	
Date: 8/8/24		Time: 1:58		All Results are emailed. Please provide Email address:	
Relinquished By:		Received By:		REMARKS:	
Date:		Time:		Turnaround Time:	
Observed Temp. °C		Corrected Temp. °C		Thermometer ID #140	
Sample - UPS - Bus - Other:		Sample Condition		Standard	
		Cool <input type="checkbox"/> Intact <input type="checkbox"/>		RUSH <input type="checkbox"/>	
		Yes <input type="checkbox"/> No <input type="checkbox"/>		Bacteria (only) Sample Condition	
				Cool <input type="checkbox"/> Intact <input type="checkbox"/>	
				Yes <input type="checkbox"/> No <input type="checkbox"/>	
				Observed Temp. °C	
				Corrected Temp. °C	



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>MTGE</u>		BILL TO		ANALYSIS REQUEST	
Project Manager: <u>Ethan Sessions</u>		P.O. #: <u>21308436</u>			
Address: <u>204 W. McKay Street</u>		Company: <u>Devon</u>			
City: <u>Carlsbad</u>		Attn: <u>Dele Woodall</u>			
State: <u>NM</u> Zip: <u>88220</u>		Address:			
Phone #: <u>254-266-5456</u> Fax #:		City:			
Project #: <u>2148541</u> Project Owner: <u>Devon</u>		State:			
Project Name: <u>Marwan 23 CTB 2</u>		Zip:			
Project Location: <u>Lea Co, NM</u>		Phone #:			
Sample Name: <u>Kenny Han</u>		Fax #:			
FOR LAB USE ONLY		MATRIX		SAMPLING	
Lab I.D. <u>141479</u>		(G)RAB OR (C)OMP.			
Sample I.D.		# CONTAINERS			
		GROUNDWATER			
		WASTEWATER			
		SOIL			
		OIL			
		SLUDGE			
		OTHER:			
		ACID/BASE:			
		ICE / COOL			
		OTHER:			
		DATE		TIME	
<u>CS-54</u>		<u>8/8/24</u>		<u>BTEX</u>	
<u>CS-60</u>				<u>TPH</u>	
<u>CS-61</u>				<u>Chloride</u>	
<u>CS-62</u>					
<u>CS-63</u>					
<u>CS-64</u>					
<u>CS-65</u>					
<u>CS-66</u>					
<u>CS-67</u>					
<u>SW-1</u>					
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Relinquished By: <u>[Signature]</u>		Received By: <u>Speediquey</u>		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:	
Date: <u>8/8/24</u>		Time: <u>1358</u>		All Results are emailed. Please provide Email address:	
Relinquished By: <u>[Signature]</u>		Received By: <u>[Signature]</u>		REMARKS:	
Time:		Observed Temp. °C: <u>1.32</u>		Turnaround Time: <u>48hr</u>	
Corrected Temp. °C: <u>0.72</u>		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		Standard <input checked="" type="checkbox"/> Bacteria (only) Sample Condition	
Sample - UPS - Bus - Other:		CHECKED BY: <u>[Signature]</u> (Initials)		Thermometer ID #140 <input checked="" type="checkbox"/> RUSH <input type="checkbox"/> Bacteria (only) Sample Condition	
FORM 0001 03/09/02		Cardinal cannot accept verbal changes. Please email changes to <u>celey.keene@cardinallabsnm.com</u>		Corrected Temp. °C: <u>0.72</u>	



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: HTGE
Project Manager: Ethan Sessions
Address: 2024 W. McKay Street
City: Carlsbad State: NM Zip: 88220
Phone #: 254-266-5456 Fax #:
Project #: 248541 Project Owner: Devon
Project Name: Marwan 23 CTB 2
Project Location: Lea Co, NM
Sampler Name: Kenny Hawn
P.O. #: 21308436
Company: Devon
Attn: Dale Woodall
Address:
City:
State: Zip:
Phone #:
Fax #:

FOR LAB USE ONLY
Lab I.D. 4244799 Sample I.D.
Date/Time: 8/8/24 Received By: Stoodriquist
Relinquished By: [Signature]
Date/Time: 8/8/24 Received By:
Delivered By: (Circle One) Observed Temp. °C 13.3 Sample Condition Intact CHECKED BY: SC
Sampler - UPS - Bus - Other: Corrected Temp. °C 0.7 Cool ☐ Intact ☒ Yes ☐ No ☐ No
Turnaround Time: 48hr Standard ☒ Bacteria (only) Sample Condition ☒
Thermometer ID #140 48hr Cool ☐ Intact ☒ Yes ☐ No ☐ No Observed Temp. °C
Correction Factor -0.5°C Corrected Temp. °C

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	BTX	TPH	Chloride
70	SW-13	C	1			X							8/8/24				
71	SW-14																
72	SW-15																
73	SW-16																
74	SW-17																
75	SW-18																
76	SW-19																
77	SW-20																

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Verbal Result: ☐ Yes ☐ No ☐ Add'l Phone #:
All Results are emailed. Please provide Email address:

REMARKS:

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

August 23, 2024

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: MARWARI 23 CTB 2

Enclosed are the results of analyses for samples received by the laboratory on 08/21/24 13:36.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Mike Snyder". The signature is written in a cursive, flowing style.

Mike Snyder For 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: 08/21/2024
 Reported: 08/23/2024
 Project Name: MARWARI 23 CTB 2
 Project Number: 248541
 Project Location: DEVON - LEA CO NM

Sampling Date: 08/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 6 (H245092-01)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/22/2024	ND	2.08	104	2.00	5.53	
Toluene*	<0.050	0.050	08/22/2024	ND	2.14	107	2.00	6.65	
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.22	111	2.00	4.56	
Total Xylenes*	<0.150	0.150	08/22/2024	ND	6.69	111	6.00	4.10	
Total BTEX	<0.300	0.300	08/22/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 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	48.0	16.0	08/22/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2024	ND	204	102	200	3.34	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	195	97.6	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 88.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Mike Snyder For 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: 08/21/2024
 Reported: 08/23/2024
 Project Name: MARWARI 23 CTB 2
 Project Number: 248541
 Project Location: DEVON - LEA CO NM

Sampling Date: 08/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 7 (H245092-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2024	ND	2.08	104	2.00	5.53		
Toluene*	<0.050	0.050	08/22/2024	ND	2.14	107	2.00	6.65		
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.22	111	2.00	4.56		
Total Xylenes*	<0.150	0.150	08/22/2024	ND	6.69	111	6.00	4.10		
Total BTEX	<0.300	0.300	08/22/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 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	08/22/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2024	ND	204	102	200	3.34	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	195	97.6	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 127 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Mike Snyder For 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: 08/21/2024
 Reported: 08/23/2024
 Project Name: MARWARI 23 CTB 2
 Project Number: 248541
 Project Location: DEVON - LEA CO NM

Sampling Date: 08/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 10 (H245092-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/22/2024	ND	2.08	104	2.00	5.53	
Toluene*	<0.050	0.050	08/22/2024	ND	2.14	107	2.00	6.65	
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.22	111	2.00	4.56	
Total Xylenes*	<0.150	0.150	08/22/2024	ND	6.69	111	6.00	4.10	
Total BTEX	<0.300	0.300	08/22/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/22/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2024	ND	204	102	200	3.34	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	195	97.6	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 96.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Mike Snyder For 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: 08/21/2024
 Reported: 08/23/2024
 Project Name: MARWARI 23 CTB 2
 Project Number: 248541
 Project Location: DEVON - LEA CO NM

Sampling Date: 08/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 11 (H245092-04)

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	08/22/2024	ND	2.08	104	2.00	5.53		
Toluene*	<0.050	0.050	08/22/2024	ND	2.14	107	2.00	6.65		
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.22	111	2.00	4.56		
Total Xylenes*	<0.150	0.150	08/22/2024	ND	6.69	111	6.00	4.10		
Total BTEx	<0.300	0.300	08/22/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/22/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2024	ND	204	102	200	3.34	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	195	97.6	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 98.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Mike Snyder For 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: 08/21/2024
 Reported: 08/23/2024
 Project Name: MARWARI 23 CTB 2
 Project Number: 248541
 Project Location: DEVON - LEA CO NM

Sampling Date: 08/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 12 (H245092-05)

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	08/22/2024	ND	2.08	104	2.00	5.53	
Toluene*	<0.050	0.050	08/22/2024	ND	2.14	107	2.00	6.65	
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.22	111	2.00	4.56	
Total Xylenes*	<0.150	0.150	08/22/2024	ND	6.69	111	6.00	4.10	
Total BTEX	<0.300	0.300	08/22/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/22/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2024	ND	204	102	200	3.34	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	195	97.6	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Mike Snyder For 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: 08/21/2024
 Reported: 08/23/2024
 Project Name: MARWARI 23 CTB 2
 Project Number: 248541
 Project Location: DEVON - LEA CO NM

Sampling Date: 08/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 15 (H245092-06)

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	08/22/2024	ND	2.08	104	2.00	5.53	
Toluene*	<0.050	0.050	08/22/2024	ND	2.14	107	2.00	6.65	
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.22	111	2.00	4.56	
Total Xylenes*	<0.150	0.150	08/22/2024	ND	6.69	111	6.00	4.10	
Total BTEx	<0.300	0.300	08/22/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	08/22/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2024	ND	204	102	200	3.34	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	195	97.6	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 95.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Mike Snyder For 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: 08/21/2024
 Reported: 08/23/2024
 Project Name: MARWARI 23 CTB 2
 Project Number: 248541
 Project Location: DEVON - LEA CO NM

Sampling Date: 08/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 16 (H245092-07)

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	08/22/2024	ND	2.08	104	2.00	5.53		
Toluene*	<0.050	0.050	08/22/2024	ND	2.14	107	2.00	6.65		
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.22	111	2.00	4.56		
Total Xylenes*	<0.150	0.150	08/22/2024	ND	6.69	111	6.00	4.10		
Total BTEx	<0.300	0.300	08/22/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/22/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2024	ND	204	102	200	3.34	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	195	97.6	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Mike Snyder For 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: 08/21/2024
 Reported: 08/23/2024
 Project Name: MARWARI 23 CTB 2
 Project Number: 248541
 Project Location: DEVON - LEA CO NM

Sampling Date: 08/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 17 (H245092-08)

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	08/22/2024	ND	2.08	104	2.00	5.53	
Toluene*	<0.050	0.050	08/22/2024	ND	2.14	107	2.00	6.65	
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.22	111	2.00	4.56	
Total Xylenes*	<0.150	0.150	08/22/2024	ND	6.69	111	6.00	4.10	
Total BTEX	<0.300	0.300	08/22/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 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	08/22/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2024	ND	204	102	200	3.34	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	195	97.6	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 98.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 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: 08/21/2024
 Reported: 08/23/2024
 Project Name: MARWARI 23 CTB 2
 Project Number: 248541
 Project Location: DEVON - LEA CO NM

Sampling Date: 08/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 18 (H245092-09)

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	08/22/2024	ND	2.08	104	2.00	5.53		
Toluene*	<0.050	0.050	08/22/2024	ND	2.14	107	2.00	6.65		
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.22	111	2.00	4.56		
Total Xylenes*	<0.150	0.150	08/22/2024	ND	6.69	111	6.00	4.10		
Total BTEx	<0.300	0.300	08/22/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/22/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2024	ND	204	102	200	3.34	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	195	97.6	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 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: 08/21/2024
 Reported: 08/23/2024
 Project Name: MARWARI 23 CTB 2
 Project Number: 248541
 Project Location: DEVON - LEA CO NM

Sampling Date: 08/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 23 (H245092-10)

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	08/22/2024	ND	2.08	104	2.00	5.53		
Toluene*	<0.050	0.050	08/22/2024	ND	2.14	107	2.00	6.65		
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.22	111	2.00	4.56		
Total Xylenes*	<0.150	0.150	08/22/2024	ND	6.69	111	6.00	4.10		
Total BTEx	<0.300	0.300	08/22/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	16.0	16.0	08/22/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2024	ND	204	102	200	3.34	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	195	97.6	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 95.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Mike Snyder For 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: 08/21/2024
 Reported: 08/23/2024
 Project Name: MARWARI 23 CTB 2
 Project Number: 248541
 Project Location: DEVON - LEA CO NM

Sampling Date: 08/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 24 (H245092-11)

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	08/22/2024	ND	2.08	104	2.00	5.53		
Toluene*	<0.050	0.050	08/22/2024	ND	2.14	107	2.00	6.65		
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.22	111	2.00	4.56		
Total Xylenes*	<0.150	0.150	08/22/2024	ND	6.69	111	6.00	4.10		
Total BTEx	<0.300	0.300	08/22/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	112	16.0	08/22/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2024	ND	204	102	200	3.34	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	195	97.6	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 91.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Mike Snyder For 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: 08/21/2024
 Reported: 08/23/2024
 Project Name: MARWARI 23 CTB 2
 Project Number: 248541
 Project Location: DEVON - LEA CO NM

Sampling Date: 08/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 42 (H245092-12)

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	08/22/2024	ND	2.08	104	2.00	5.53	
Toluene*	<0.050	0.050	08/22/2024	ND	2.14	107	2.00	6.65	
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.22	111	2.00	4.56	
Total Xylenes*	<0.150	0.150	08/22/2024	ND	6.69	111	6.00	4.10	
Total BTEX	<0.300	0.300	08/22/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/22/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2024	ND	204	102	200	3.34	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	195	97.6	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Mike Snyder For 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: 08/21/2024
 Reported: 08/23/2024
 Project Name: MARWARI 23 CTB 2
 Project Number: 248541
 Project Location: DEVON - LEA CO NM

Sampling Date: 08/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 43 (H245092-13)

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	08/22/2024	ND	2.08	104	2.00	5.53		
Toluene*	<0.050	0.050	08/22/2024	ND	2.14	107	2.00	6.65		
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.22	111	2.00	4.56		
Total Xylenes*	<0.150	0.150	08/22/2024	ND	6.69	111	6.00	4.10		
Total BTEX	<0.300	0.300	08/22/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/22/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2024	ND	204	102	200	3.34	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	195	97.6	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 84.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.9 % 49.1-148

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Mike Snyder For 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: 08/21/2024
 Reported: 08/23/2024
 Project Name: MARWARI 23 CTB 2
 Project Number: 248541
 Project Location: DEVON - LEA CO NM

Sampling Date: 08/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 44 (H245092-14)

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	08/22/2024	ND	2.08	104	2.00	5.53		
Toluene*	<0.050	0.050	08/22/2024	ND	2.14	107	2.00	6.65		
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.22	111	2.00	4.56		
Total Xylenes*	<0.150	0.150	08/22/2024	ND	6.69	111	6.00	4.10		
Total BTEx	<0.300	0.300	08/22/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/22/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2024	ND	204	102	200	3.34	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	195	97.6	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 83.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Mike Snyder For 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: 08/21/2024
 Reported: 08/23/2024
 Project Name: MARWARI 23 CTB 2
 Project Number: 248541
 Project Location: DEVON - LEA CO NM

Sampling Date: 08/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 45 (H245092-15)

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	08/22/2024	ND	2.08	104	2.00	5.53	
Toluene*	<0.050	0.050	08/22/2024	ND	2.14	107	2.00	6.65	
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.22	111	2.00	4.56	
Total Xylenes*	<0.150	0.150	08/22/2024	ND	6.69	111	6.00	4.10	
Total BTEX	<0.300	0.300	08/22/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/22/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2024	ND	204	102	200	3.34	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	195	97.6	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Mike Snyder For 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: 08/21/2024
 Reported: 08/23/2024
 Project Name: MARWARI 23 CTB 2
 Project Number: 248541
 Project Location: DEVON - LEA CO NM

Sampling Date: 08/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 46 (H245092-16)

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	08/22/2024	ND	2.08	104	2.00	5.53		
Toluene*	<0.050	0.050	08/22/2024	ND	2.14	107	2.00	6.65		
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.22	111	2.00	4.56		
Total Xylenes*	<0.150	0.150	08/22/2024	ND	6.69	111	6.00	4.10		
Total BTEx	<0.300	0.300	08/22/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	08/22/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2024	ND	204	102	200	3.34	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	195	97.6	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 94.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Mike Snyder For 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: 08/21/2024
 Reported: 08/23/2024
 Project Name: MARWARI 23 CTB 2
 Project Number: 248541
 Project Location: DEVON - LEA CO NM

Sampling Date: 08/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 68 (H245092-17)

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	08/22/2024	ND	2.08	104	2.00	5.53		
Toluene*	<0.050	0.050	08/22/2024	ND	2.14	107	2.00	6.65		
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.22	111	2.00	4.56		
Total Xylenes*	<0.150	0.150	08/22/2024	ND	6.69	111	6.00	4.10		
Total BTEx	<0.300	0.300	08/22/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	576	16.0	08/22/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2024	ND	204	102	200	3.34	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	195	97.6	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Mike Snyder For 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: 08/21/2024
 Reported: 08/23/2024
 Project Name: MARWARI 23 CTB 2
 Project Number: 248541
 Project Location: DEVON - LEA CO NM

Sampling Date: 08/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 69 (H245092-18)

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	08/22/2024	ND	2.08	104	2.00	5.53		
Toluene*	<0.050	0.050	08/22/2024	ND	2.14	107	2.00	6.65		
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.22	111	2.00	4.56		
Total Xylenes*	<0.150	0.150	08/22/2024	ND	6.69	111	6.00	4.10		
Total BTEX	<0.300	0.300	08/22/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/22/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2024	ND	204	102	200	3.34	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	195	97.6	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 98.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Mike Snyder For 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: 08/21/2024
 Reported: 08/23/2024
 Project Name: MARWARI 23 CTB 2
 Project Number: 248541
 Project Location: DEVON - LEA CO NM

Sampling Date: 08/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 70 (H245092-19)

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	08/22/2024	ND	2.08	104	2.00	5.53		
Toluene*	<0.050	0.050	08/22/2024	ND	2.14	107	2.00	6.65		
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.22	111	2.00	4.56		
Total Xylenes*	<0.150	0.150	08/22/2024	ND	6.69	111	6.00	4.10		
Total BTEx	<0.300	0.300	08/22/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/22/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2024	ND	204	102	200	3.34	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	195	97.6	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 96.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Mike Snyder For 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: 08/21/2024
 Reported: 08/23/2024
 Project Name: MARWARI 23 CTB 2
 Project Number: 248541
 Project Location: DEVON - LEA CO NM

Sampling Date: 08/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 71 (H245092-20)

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	08/22/2024	ND	2.08	104	2.00	5.53		
Toluene*	<0.050	0.050	08/22/2024	ND	2.14	107	2.00	6.65		
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.22	111	2.00	4.56		
Total Xylenes*	<0.150	0.150	08/22/2024	ND	6.69	111	6.00	4.10		
Total BTEX	<0.300	0.300	08/22/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	928	16.0	08/22/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2024	ND	204	102	200	3.34	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	195	97.6	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 98.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Mike Snyder For 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: 08/21/2024
 Reported: 08/23/2024
 Project Name: MARWARI 23 CTB 2
 Project Number: 248541
 Project Location: DEVON - LEA CO NM

Sampling Date: 08/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 72 (H245092-21)

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	08/22/2024	ND	1.92	96.1	2.00	4.60		
Toluene*	<0.050	0.050	08/22/2024	ND	2.03	101	2.00	3.45		
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.16	108	2.00	3.82		
Total Xylenes*	<0.150	0.150	08/22/2024	ND	6.63	110	6.00	3.23		
Total BTEX	<0.300	0.300	08/22/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	08/22/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2024	ND	210	105	200	0.650	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	198	98.9	200	3.83	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Mike Snyder For 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: 08/21/2024
 Reported: 08/23/2024
 Project Name: MARWARI 23 CTB 2
 Project Number: 248541
 Project Location: DEVON - LEA CO NM

Sampling Date: 08/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 73 (H245092-22)

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	08/22/2024	ND	1.92	96.1	2.00	4.60		
Toluene*	<0.050	0.050	08/22/2024	ND	2.03	101	2.00	3.45		
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.16	108	2.00	3.82		
Total Xylenes*	<0.150	0.150	08/22/2024	ND	6.63	110	6.00	3.23		
Total BTEx	<0.300	0.300	08/22/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/22/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2024	ND	210	105	200	0.650	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	198	98.9	200	3.83	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 92.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

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

Received: 08/21/2024
 Reported: 08/23/2024
 Project Name: MARWARI 23 CTB 2
 Project Number: 248541
 Project Location: DEVON - LEA CO NM

Sampling Date: 08/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 74 (H245092-23)

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	08/22/2024	ND	1.92	96.1	2.00	4.60	
Toluene*	<0.050	0.050	08/22/2024	ND	2.03	101	2.00	3.45	
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.16	108	2.00	3.82	
Total Xylenes*	<0.150	0.150	08/22/2024	ND	6.63	110	6.00	3.23	
Total BTEX	<0.300	0.300	08/22/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1730	16.0	08/22/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2024	ND	210	105	200	0.650	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	198	98.9	200	3.83	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 84.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.6 % 49.1-148

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Mike Snyder For 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: 08/21/2024
 Reported: 08/23/2024
 Project Name: MARWARI 23 CTB 2
 Project Number: 248541
 Project Location: DEVON - LEA CO NM

Sampling Date: 08/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 75 (H245092-24)

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	08/22/2024	ND	1.92	96.1	2.00	4.60		
Toluene*	<0.050	0.050	08/22/2024	ND	2.03	101	2.00	3.45		
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.16	108	2.00	3.82		
Total Xylenes*	<0.150	0.150	08/22/2024	ND	6.63	110	6.00	3.23		
Total BTEX	<0.300	0.300	08/22/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	08/22/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2024	ND	210	105	200	0.650	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	198	98.9	200	3.83	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 89.8 % 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: 08/21/2024
 Reported: 08/23/2024
 Project Name: MARWARI 23 CTB 2
 Project Number: 248541
 Project Location: DEVON - LEA CO NM

Sampling Date: 08/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 76 (H245092-25)

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	08/22/2024	ND	1.92	96.1	2.00	4.60		
Toluene*	<0.050	0.050	08/22/2024	ND	2.03	101	2.00	3.45		
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.16	108	2.00	3.82		
Total Xylenes*	<0.150	0.150	08/22/2024	ND	6.63	110	6.00	3.23		
Total BTEX	<0.300	0.300	08/22/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	08/22/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2024	ND	210	105	200	0.650	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	198	98.9	200	3.83	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 92.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

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

Received: 08/21/2024
 Reported: 08/23/2024
 Project Name: MARWARI 23 CTB 2
 Project Number: 248541
 Project Location: DEVON - LEA CO NM

Sampling Date: 08/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 4 (H245092-26)

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	08/22/2024	ND	1.92	96.1	2.00	4.60		
Toluene*	<0.050	0.050	08/22/2024	ND	2.03	101	2.00	3.45		
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.16	108	2.00	3.82		
Total Xylenes*	<0.150	0.150	08/22/2024	ND	6.63	110	6.00	3.23		
Total BTEX	<0.300	0.300	08/22/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/22/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2024	ND	210	105	200	0.650	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	198	98.9	200	3.83	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 64.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.2 % 49.1-148

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Analytical Results For:

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

Received: 08/21/2024
 Reported: 08/23/2024
 Project Name: MARWARI 23 CTB 2
 Project Number: 248541
 Project Location: DEVON - LEA CO NM

Sampling Date: 08/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 21 (H245092-27)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2024	ND	1.92	96.1	2.00	4.60		
Toluene*	<0.050	0.050	08/22/2024	ND	2.03	101	2.00	3.45		
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.16	108	2.00	3.82		
Total Xylenes*	<0.150	0.150	08/22/2024	ND	6.63	110	6.00	3.23		
Total BTEX	<0.300	0.300	08/22/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	976	16.0	08/22/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2024	ND	210	105	200	0.650	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	198	98.9	200	3.83	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 89.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.8 % 49.1-148

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Analytical Results For:

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

Received: 08/21/2024
 Reported: 08/23/2024
 Project Name: MARWARI 23 CTB 2
 Project Number: 248541
 Project Location: DEVON - LEA CO NM

Sampling Date: 08/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 22 (H245092-28)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2024	ND	1.92	96.1	2.00	4.60		
Toluene*	<0.050	0.050	08/22/2024	ND	2.03	101	2.00	3.45		
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.16	108	2.00	3.82		
Total Xylenes*	<0.150	0.150	08/22/2024	ND	6.63	110	6.00	3.23		
Total BTEx	<0.300	0.300	08/22/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4400	16.0	08/22/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2024	ND	210	105	200	0.650	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	198	98.9	200	3.83	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 89.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Mike Snyder For 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: 08/21/2024
 Reported: 08/23/2024
 Project Name: MARWARI 23 CTB 2
 Project Number: 248541
 Project Location: DEVON - LEA CO NM

Sampling Date: 08/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 23 (H245092-29)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2024	ND	1.92	96.1	2.00	4.60		
Toluene*	<0.050	0.050	08/22/2024	ND	2.03	101	2.00	3.45		
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.16	108	2.00	3.82		
Total Xylenes*	<0.150	0.150	08/22/2024	ND	6.63	110	6.00	3.23		
Total BTEx	<0.300	0.300	08/22/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/22/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2024	ND	210	105	200	0.650	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	198	98.9	200	3.83	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Mike Snyder For 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: 08/21/2024
 Reported: 08/23/2024
 Project Name: MARWARI 23 CTB 2
 Project Number: 248541
 Project Location: DEVON - LEA CO NM

Sampling Date: 08/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 24 (H245092-30)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2024	ND	1.92	96.1	2.00	4.60		
Toluene*	<0.050	0.050	08/22/2024	ND	2.03	101	2.00	3.45		
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.16	108	2.00	3.82		
Total Xylenes*	<0.150	0.150	08/22/2024	ND	6.63	110	6.00	3.23		
Total BTEx	<0.300	0.300	08/22/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	08/22/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2024	ND	210	105	200	0.650	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	198	98.9	200	3.83	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 90.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Mike Snyder For 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: 08/21/2024
 Reported: 08/23/2024
 Project Name: MARWARI 23 CTB 2
 Project Number: 248541
 Project Location: DEVON - LEA CO NM

Sampling Date: 08/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 25 (H245092-31)

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	08/22/2024	ND	1.92	96.1	2.00	4.60		
Toluene*	<0.050	0.050	08/22/2024	ND	2.03	101	2.00	3.45		
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.16	108	2.00	3.82		
Total Xylenes*	<0.150	0.150	08/22/2024	ND	6.63	110	6.00	3.23		
Total BTX	<0.300	0.300	08/22/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/22/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2024	ND	210	105	200	0.650	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	198	98.9	200	3.83	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 96.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Mike Snyder For 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: 08/21/2024
 Reported: 08/23/2024
 Project Name: MARWARI 23 CTB 2
 Project Number: 248541
 Project Location: DEVON - LEA CO NM

Sampling Date: 08/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 26 (H245092-32)

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	08/22/2024	ND	1.92	96.1	2.00	4.60		
Toluene*	<0.050	0.050	08/22/2024	ND	2.03	101	2.00	3.45		
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.16	108	2.00	3.82		
Total Xylenes*	<0.150	0.150	08/22/2024	ND	6.63	110	6.00	3.23		
Total BTX	<0.300	0.300	08/22/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	08/22/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2024	ND	210	105	200	0.650	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	198	98.9	200	3.83	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 86.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.4 % 49.1-148

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Mike Snyder For 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: 08/21/2024
 Reported: 08/23/2024
 Project Name: MARWARI 23 CTB 2
 Project Number: 248541
 Project Location: DEVON - LEA CO NM

Sampling Date: 08/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 27 (H245092-33)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2024	ND	1.92	96.1	2.00	4.60		
Toluene*	<0.050	0.050	08/22/2024	ND	2.03	101	2.00	3.45		
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.16	108	2.00	3.82		
Total Xylenes*	<0.150	0.150	08/22/2024	ND	6.63	110	6.00	3.23		
Total BTEX	<0.300	0.300	08/22/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	08/22/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2024	ND	210	105	200	0.650	
DRO >C10-C28*	11.7	10.0	08/22/2024	ND	198	98.9	200	3.83	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Mike Snyder For 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: 08/21/2024
 Reported: 08/23/2024
 Project Name: MARWARI 23 CTB 2
 Project Number: 248541
 Project Location: DEVON - LEA CO NM

Sampling Date: 08/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 28 (H245092-34)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2024	ND	1.92	96.1	2.00	4.60		
Toluene*	<0.050	0.050	08/22/2024	ND	2.03	101	2.00	3.45		
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.16	108	2.00	3.82		
Total Xylenes*	<0.150	0.150	08/22/2024	ND	6.63	110	6.00	3.23		
Total BTEx	<0.300	0.300	08/22/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/22/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2024	ND	210	105	200	0.650	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	198	98.9	200	3.83	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 94.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Mike Snyder For 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: 08/21/2024
 Reported: 08/23/2024
 Project Name: MARWARI 23 CTB 2
 Project Number: 248541
 Project Location: DEVON - LEA CO NM

Sampling Date: 08/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 29 (H245092-35)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/22/2024	ND	1.92	96.1	2.00	4.60	
Toluene*	<0.050	0.050	08/22/2024	ND	2.03	101	2.00	3.45	
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.16	108	2.00	3.82	
Total Xylenes*	<0.150	0.150	08/22/2024	ND	6.63	110	6.00	3.23	
Total BTEX	<0.300	0.300	08/22/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/22/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2024	ND	210	105	200	0.650	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	198	98.9	200	3.83	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Mike Snyder For 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: 08/21/2024
 Reported: 08/23/2024
 Project Name: MARWARI 23 CTB 2
 Project Number: 248541
 Project Location: DEVON - LEA CO NM

Sampling Date: 08/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 30 (H245092-36)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/22/2024	ND	1.92	96.1	2.00	4.60	
Toluene*	<0.050	0.050	08/22/2024	ND	2.03	101	2.00	3.45	
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.16	108	2.00	3.82	
Total Xylenes*	<0.150	0.150	08/22/2024	ND	6.63	110	6.00	3.23	
Total BTEX	<0.300	0.300	08/22/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	08/22/2024	ND	464	116	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2024	ND	210	105	200	0.650	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	198	98.9	200	3.83	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 77.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.0 % 49.1-148

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Mike Snyder For 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: 08/21/2024
 Reported: 08/23/2024
 Project Name: MARWARI 23 CTB 2
 Project Number: 248541
 Project Location: DEVON - LEA CO NM

Sampling Date: 08/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 31 (H245092-37)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2024	ND	1.92	96.1	2.00	4.60		
Toluene*	<0.050	0.050	08/22/2024	ND	2.03	101	2.00	3.45		
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.16	108	2.00	3.82		
Total Xylenes*	<0.150	0.150	08/22/2024	ND	6.63	110	6.00	3.23		
Total BTEX	<0.300	0.300	08/22/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	08/22/2024	ND	464	116	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2024	ND	210	105	200	0.650	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	198	98.9	200	3.83	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 88.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.7 % 49.1-148

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Mike Snyder For 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: 08/21/2024
 Reported: 08/23/2024
 Project Name: MARWARI 23 CTB 2
 Project Number: 248541
 Project Location: DEVON - LEA CO NM

Sampling Date: 08/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 9A (H245092-38)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/22/2024	ND	1.92	96.1	2.00	4.60	
Toluene*	<0.050	0.050	08/22/2024	ND	2.03	101	2.00	3.45	
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.16	108	2.00	3.82	
Total Xylenes*	<0.150	0.150	08/22/2024	ND	6.63	110	6.00	3.23	
Total BTEX	<0.300	0.300	08/22/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	208	16.0	08/22/2024	ND	464	116	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2024	ND	210	105	200	0.650	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	198	98.9	200	3.83	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 86.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.7 % 49.1-148

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Mike Snyder For 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: 08/21/2024
 Reported: 08/23/2024
 Project Name: MARWARI 23 CTB 2
 Project Number: 248541
 Project Location: DEVON - LEA CO NM

Sampling Date: 08/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 15A (H245092-39)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2024	ND	1.92	96.1	2.00	4.60		
Toluene*	<0.050	0.050	08/22/2024	ND	2.03	101	2.00	3.45		
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.16	108	2.00	3.82		
Total Xylenes*	<0.150	0.150	08/22/2024	ND	6.63	110	6.00	3.23		
Total BTEx	<0.300	0.300	08/22/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	08/22/2024	ND	464	116	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2024	ND	210	105	200	0.650	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	198	98.9	200	3.83	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 86.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.0 % 49.1-148

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Mike Snyder For 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: 08/21/2024
 Reported: 08/23/2024
 Project Name: MARWARI 23 CTB 2
 Project Number: 248541
 Project Location: DEVON - LEA CO NM

Sampling Date: 08/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 17A (H245092-40)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/22/2024	ND	1.92	96.1	2.00	4.60	
Toluene*	<0.050	0.050	08/22/2024	ND	2.03	101	2.00	3.45	
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.16	108	2.00	3.82	
Total Xylenes*	<0.150	0.150	08/22/2024	ND	6.63	110	6.00	3.23	
Total BTEX	<0.300	0.300	08/22/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	128	16.0	08/22/2024	ND	464	116	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2024	ND	210	105	200	0.650	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	198	98.9	200	3.83	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 78.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.9 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

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 "Mike Snyder", is written over a light blue horizontal line.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No:

1245092

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
Project Name:	Marwan 28 CTB 2	Turn Around	
Project Number:	248541	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	
Project Location:	Lea Co, NM	Due Date:	48hr
Sampler's Name:	Kenny Han	TAT starts the day received by the lab, if received by 4:30pm	
PO #:	21308936		

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

SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	140
Received In tact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:	-0.4°C	Temperature Reading:	2.7°C	Corrected Temperature:	2.1°C
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>						
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>						
Total Containers:	40						

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	ANALYSIS REQUEST	Preservative Codes	Sample Comments
CS-6	8/21/2024	10:00	X		Comp	1	X	X	X	
CS-7	8/21/2024	10:03	X		Comp	1	X	X	X	
CS-10	8/21/2024	10:06	X		Comp	1	X	X	X	
CS-11	8/21/2024	10:09	X		Comp	1	X	X	X	
CS-12	8/21/2024	10:12	X		Comp	1	X	X	X	
CS-15	8/21/2024	10:15	X		Comp	1	X	X	X	
CS-16	8/21/2024	10:18	X		Comp	1	X	X	X	
CS-17	8/21/2024	10:21	X		Comp	1	X	X	X	
CS-18	8/21/2024	10:24	X		Comp	1	X	X	X	
CS-23	8/21/2024	10:27	X		Comp	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



Chain of Custody

Work Order No: H1245092

Page 2 of 4

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/PT <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> PRP <input type="checkbox"/> Level IV <input type="checkbox"/>	Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other: <input type="checkbox"/>

Project Name:	Manwan 28 CTB 2	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code	
Project Number:	248541	Due Date:	48hr		
Project Location:	Lea Co. NM	TAT starts the day received by the lab, if received by 4:30pm			
Sampler's Name:	Kenny Han				
PO #	21308936				
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Received Inact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	140		
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:	-0.00		
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:	2.70		
Total Containers:	40	Corrected Temperature:	2.10		

Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont	TPH	NaOH+Ascorbic Acid SAPC																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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CS-24		8/21/2024	10:30	X		Comp	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>Spadeigney</u>	<u>8/21/24 1330²</u>			



Chain of Custody

Work Order No:

H245092

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

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

Project Name:	Marwan 28 CTB 2	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Due Date:	48hr
Project Number:	248541				
Project Location:	Lea Co. NM				
Sampler's Name:	Kenny Han				
PO #:	21308936				
SAMPLE RECEIPT					
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	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:	140		
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:	-0.02		
Total Containers:	40	Temperature Reading:	2.7°C		
		Corrected Temperature:	2.1°C		

Sample Identification				Parameters				ANALYSIS REQUEST												Preservative Codes			
Date	Time	Soil	Water	Grab/Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500												None: NO	DI Water: H ₂ O		
CS-72	8/21/2024	11:00	X	Comp	1	X	X	X												Cool: Cool	MeOH: Me		
CS-73	8/21/2024	11:03	X	Comp	1	X	X	X												HCL: HCl	HNO ₃ : HN		
CS-74	8/21/2024	11:06	X	Comp	1	X	X	X												H ₂ SO ₄ : H ₂	NaOH: Na		
CS-75	8/21/2024	11:09	X	Comp	1	X	X	X												H ₃ PO ₄ : HP			
CS-76	8/21/2024	11:12	X	Comp	1	X	X	X												NaHSO ₄ : NABIS			
SW-21	8/21/2024	11:15	X	Comp	1	X	X	X												Na ₂ S ₂ O ₅ : NaSO ₃			
SW-22	8/21/2024	11:18	X	Comp	1	X	X	X												Zn Acetate+NaOH: Zn			
SW-23	8/21/2024	11:21	X	Comp	1	X	X	X												NaOH+Ascorbic Acid: SAPC			
SW-24	8/21/2024	11:24	X	Comp	1	X	X	X															
	8/21/2024	11:27	X	Comp	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
	<i>Spadequely</i>	8/21/24 1330			



Chain of Custody

Work Order No: 4245092

Page 4 of 4

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

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> Deepfund <input type="checkbox"/>	
State of Project:	
Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/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:	Marwan 28 CTB 2	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code	
Project Number:	248541	Due Date:	48hr		
Project Location:	Lea Co, NM	TAT starts the day received by the lab, if received by 4:30pm			
Sampler's Name:	Kenny Han				
PO #:	21308936				
SAMPLE RECEIPT					
Received intact:	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:	40	Temperature Reading:	2.7°C		
		Corrected Temperature:	2.1°C		

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST										Preservative Codes
							BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500								
SW-25	8/21/2024	11:30	X		Comp	1	X	X	X								None: NO DI Water: H ₂ O
SW-26	8/21/2024	11:33	X		Comp	1	X	X	X								Cool: Cool MeOH: Me
SW-27	8/21/2024	11:36	X		Comp	1	X	X	X								HCL: HC HNO ₃ : HN
SW-28	8/21/2024	11:39	X		Comp	1	X	X	X								H ₂ SO ₄ : H ₂ NaOH: Na
SW-29	8/21/2024	11:42	X		Comp	1	X	X	X								H ₃ PO ₄ : HP
SW-30	8/21/2024	11:45	X		Comp	1	X	X	X								NaHSO ₄ : NABIS
SW-31	8/21/2024	11:48	X		Comp	1	X	X	X								Na ₂ S ₂ O ₈ : NaSO ₃
SW-9A	8/21/2024	11:51	X		Comp	1	X	X	X								Zn Acetate+NaOH: Zn
SW-15A	8/21/2024	11:54	X		Comp	1	X	X	X								NaOH+Ascorbic Acid: SAPC
SW-17A	8/21/2024	11:57	X		Comp	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>	8/21/24 1330			



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

September 06, 2024

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: MARWARI 28 CTB 2

Enclosed are the results of analyses for samples received by the laboratory on 09/04/24 13:34.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 09/04/2024
 Reported: 09/06/2024
 Project Name: MARWARI 28 CTB 2
 Project Number: 248541
 Project Location: DEVON - LEA CO NM

Sampling Date: 09/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 71 (H245353-01)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/04/2024	ND	1.96	98.0	2.00	8.34	
Toluene*	<0.050	0.050	09/04/2024	ND	1.86	93.1	2.00	8.22	
Ethylbenzene*	<0.050	0.050	09/04/2024	ND	1.90	95.0	2.00	8.74	
Total Xylenes*	<0.150	0.150	09/04/2024	ND	5.66	94.4	6.00	8.69	
Total BTEX	<0.300	0.300	09/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 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	16.0	16.0	09/05/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/05/2024	ND	202	101	200	2.72	
DRO >C10-C28*	<10.0	10.0	09/05/2024	ND	199	99.6	200	1.79	
EXT DRO >C28-C36	<10.0	10.0	09/05/2024	ND					

Surrogate: 1-Chlorooctane 85.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 09/04/2024
 Reported: 09/06/2024
 Project Name: MARWARI 28 CTB 2
 Project Number: 248541
 Project Location: DEVON - LEA CO NM

Sampling Date: 09/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 74 (H245353-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/04/2024	ND	1.96	98.0	2.00	8.34		
Toluene*	<0.050	0.050	09/04/2024	ND	1.86	93.1	2.00	8.22		
Ethylbenzene*	<0.050	0.050	09/04/2024	ND	1.90	95.0	2.00	8.74		
Total Xylenes*	<0.150	0.150	09/04/2024	ND	5.66	94.4	6.00	8.69		
Total BTEx	<0.300	0.300	09/04/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 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	<16.0	16.0	09/05/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/05/2024	ND	202	101	200	2.72	
DRO >C10-C28*	<10.0	10.0	09/05/2024	ND	199	99.6	200	1.79	
EXT DRO >C28-C36	<10.0	10.0	09/05/2024	ND					

Surrogate: 1-Chlorooctane 85.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.3 % 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: 09/04/2024
 Reported: 09/06/2024
 Project Name: MARWARI 28 CTB 2
 Project Number: 248541
 Project Location: DEVON - LEA CO NM

Sampling Date: 09/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 32 (H245353-03)

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	09/04/2024	ND	1.96	98.0	2.00	8.34		
Toluene*	<0.050	0.050	09/04/2024	ND	1.86	93.1	2.00	8.22		
Ethylbenzene*	<0.050	0.050	09/04/2024	ND	1.90	95.0	2.00	8.74		
Total Xylenes*	<0.150	0.150	09/04/2024	ND	5.66	94.4	6.00	8.69		
Total BTX	<0.300	0.300	09/04/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 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	224	16.0	09/05/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/05/2024	ND	202	101	200	2.72	
DRO >C10-C28*	<10.0	10.0	09/05/2024	ND	199	99.6	200	1.79	
EXT DRO >C28-C36	<10.0	10.0	09/05/2024	ND					

Surrogate: 1-Chlorooctane 83.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 09/04/2024
 Reported: 09/06/2024
 Project Name: MARWARI 28 CTB 2
 Project Number: 248541
 Project Location: DEVON - LEA CO NM

Sampling Date: 09/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 33 (H245353-04)

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	09/04/2024	ND	1.96	98.0	2.00	8.34	
Toluene*	<0.050	0.050	09/04/2024	ND	1.86	93.1	2.00	8.22	
Ethylbenzene*	<0.050	0.050	09/04/2024	ND	1.90	95.0	2.00	8.74	
Total Xylenes*	<0.150	0.150	09/04/2024	ND	5.66	94.4	6.00	8.69	
Total BTEX	<0.300	0.300	09/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/05/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/05/2024	ND	202	101	200	2.72	
DRO >C10-C28*	<10.0	10.0	09/05/2024	ND	199	99.6	200	1.79	
EXT DRO >C28-C36	<10.0	10.0	09/05/2024	ND					

Surrogate: 1-Chlorooctane 84.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.8 % 49.1-148

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Analytical Results For:

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

Received: 09/04/2024
 Reported: 09/06/2024
 Project Name: MARWARI 28 CTB 2
 Project Number: 248541
 Project Location: DEVON - LEA CO NM

Sampling Date: 09/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 34 (H245353-05)

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	09/04/2024	ND	1.96	98.0	2.00	8.34	
Toluene*	<0.050	0.050	09/04/2024	ND	1.86	93.1	2.00	8.22	
Ethylbenzene*	<0.050	0.050	09/04/2024	ND	1.90	95.0	2.00	8.74	
Total Xylenes*	<0.150	0.150	09/04/2024	ND	5.66	94.4	6.00	8.69	
Total BTEX	<0.300	0.300	09/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 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	16.0	16.0	09/05/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/05/2024	ND	202	101	200	2.72	
DRO >C10-C28*	<10.0	10.0	09/05/2024	ND	199	99.6	200	1.79	
EXT DRO >C28-C36	<10.0	10.0	09/05/2024	ND					

Surrogate: 1-Chlorooctane 89.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.6 % 49.1-148

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Notes and Definitions

BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "C. D. Keene", is written over a light blue horizontal line.

Celey D. Keene, Lab Director/Quality Manager

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: UTG-F		BILL TO		ANALYSIS REQUEST	
Project Manager: Ethan Sessum		P.O. #: 21308936			
Address: 209 W. McKay Street		Company: Devon			
City: Carlsbad		Attn: Dale Woodall			
State: CA Zip: 92022		Address:			
Phone #: 254-266-5456 Fax #:		City:			
Project #: 248541 Project Owner: Devon		State:			
Project Location: Ken Co, CA		Phone #:			
Sampler Name: Kenny Hen		Fax #:			

FOR LAB USE ONLY		PRESERV.		SAMPLING	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	DATE	TIME
		MATRIX			
		GROUNDWATER			
		WASTEWATER			
		SOIL			
		OIL			
		SLUDGE			
		OTHER:			
		ACID/BASE:			
		ICE / COOL			
		OTHER:			

Delivered By: (Circle One) Sampler - UPS Bus Other:	Observed Temp. °C Corrected Temp. °C	Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: (Initials)	Turnaround Time: Standard Rush Thermometer ID #140 Correction Factor -0.5°C	Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No
Relinquished By:	Date: 9/4/24 Time: 1334	Received By:	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	REMARKS:	

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Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico

Energy, Minerals and Natural Resources

Oil Conservation Division

1220 S. St Francis Dr.

Santa Fe, NM 87505

QUESTIONS

Action 395276

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 395276
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2408036299
Incident Name	NAPP2408036299 MARWARI 28 CTB 2 @ 0
Incident Type	Produced Water Release
Incident Status	Deferral Request Received
Incident Facility	[fAPP2123136202] MARWARI 28 CTB 2

Location of Release Source	
Please answer all the questions in this group.	
Site Name	MARWARI 28 CTB 2
Date Release Discovered	03/06/2024
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Flow Line - Production Produced Water Released: 41 BBL Recovered: 4 BBL Lost: 37 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	On 3/6/2024, Devon Energy discovered a fluid and gas bubbling from the ground. The produced water spill was estimated to be 4.5 bbls, so it was not reported. Excavation of impacted soils on 3/20/2024 determined that the extent of the spill was deeper than initially thought and it was determined that the spill was approximately 41 bbls. 3.5 bbls recovered.

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

QUESTIONS, Page 2

Action 395276

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 395276
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
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: James Raley Title: EHS Professional Email: jim.raley@dv.com Date: 10/23/2024
--	---

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS, Page 3

Action 395276

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 395276
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Site Characterization	
<i>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.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Greater than 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	9860
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	36125
GRO+DRO (EPA SW-846 Method 8015M)	28295
BTEX (EPA SW-846 Method 8021B or 8260B)	121
Benzene (EPA SW-846 Method 8021B or 8260B)	4.5
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	07/29/2024
On what date will (or did) the final sampling or liner inspection occur	09/04/2024
On what date will (or was) the remediation complete(d)	09/23/2024
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	14400
What is the estimated volume (in cubic yards) that will be remediated	1413
<i>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.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
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Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 4

Action 395276

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 395276
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	HALFWAY DISPOSAL AND LANDFILL [FEEM0112334510]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dmv.com Date: 10/23/2024
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 395276

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 395276
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Deferral Requests Only	
<i>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.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Is the remaining contamination in areas immediately under or around production equipment where remediation could cause a major facility deconstruction	Yes
Please list or describe the production equipment and how (re)moving the equipment would cause major facility deconstruction	Multiple separators and production flow lines are on top of deferral area. Remediation of those areas are unfeasible without impacting the foundation that the separators are currently residing on top of.
What is the remaining surface area (in square feet) that will still need to be remediated if a deferral is granted	7300
What is the remaining volume (in cubic yards) that will still need to be remediated if a deferral is granted	600
<i>Per Paragraph (2) of Subsection C of 19.15.29.12 NMAC if contamination is located in areas immediately under or around production equipment such as production tanks, wellheads and pipelines where remediation could cause a major facility deconstruction, the remediation, restoration and reclamation may be deferred with division written approval until the equipment is removed during other operations, or when the well or facility is plugged or abandoned, whichever comes first.</i>	
Enter the facility ID (f#) on which this deferral should be granted	MARWARI 28 CTB 2 [fAPP2123136202]
Enter the well API (30-) on which this deferral should be granted	Not answered.
Contamination does not cause an imminent risk to human health, the environment, or groundwater	True
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dv.com Date: 10/23/2024

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QUESTIONS, Page 6

Action 395276

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 395276
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	379564
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	09/04/2024
What was the (estimated) number of samples that were to be gathered	5
What was the sampling surface area in square feet	1000

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 395276

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 395276
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

CONDITIONS

Created By	Condition	Condition Date
nvez	Deferral is approved. Remediation Due date will be left open until the site has been plugged and abandoned or a major facility deconstruction takes place.	2/12/2025